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represent the best value—pound for pound—on the market to-day. Before you buy a new receiver—whether it be a crystal or a magnificent 5-valve model—DON'T BUY until you have had a demonstration on a SIMOLIAN RECEIVER.

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Are unhesitatingly chosen by successful radio amateurs the world over. Full, steady voltage helps you tune and hold those distant stations. WILLARD rubber insulation ensures life-time service.

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Tell daddy or mummy how much you would love to have the beautiful book

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Sold by All Leading Stationers and Bookstalls
Saturday, July 23rd, and again on Saturday, July 30th, two of the "A" class stations in Australia, 2FC and 4QG, joined forces in an endeavour to give effect to the simultaneous broadcasting of two important events from a listener's point of view. On both these dates Interstate Rugby League football matches were played in Brisbane between the Queensland and New South Wales teams.

There are many people in both States who are very keenly interested in Rugby League football, and also in broadcasting. When the previous matches were played in New South Wales, a description of them was broadcast by Station 2FC, but unfortunately, as the whole of the play took place during the hours of daylight, there were very few people in Queensland who were able to pick up the description and the results from 2FC. Furthermore, there were very few amongst the interested thousands in Queensland who possessed sets capable of allowing them to make an attempt to receive the description.

A similar state of affairs would have applied to New South Wales had not steps been taken to attempt the simultaneous broadcasting. There would have been many interested people in Sydney, but few of them would have received 4QG's description. The two stations, however, joined forces. Station 2FC arranged for the landline, and Station 4QG arranged for the description of the match, installed the apparatus at the grounds, and delivered the speech to 2FC's landline.

In this case 4QG had most of the work to carry out, but this fact does not matter very much. Next time it may fall to the lot of 2FC to collect the description and to 4QG's lot merely to broadcast it.

In England much is done in the way of simultaneous broadcasting, and large audiences are catered for. Australia is, of course, a land of greater distances, and arrangements consequently become more difficult.

Nevertheless it is very pleasing to know that two of our "A" class stations have co-operated in an endeavour to serve the listening public to the best of their ability, and it is to be hoped that 4QG and 2FC's hearty co-operation in the matter of broadcasting the football match will be appreciated to the utmost by listeners, and that the actions of those two stations will be followed by similar action on the part of other big radio stations in Australia.
Radio Personalities No. 11—Uncle Ben

Here is "Uncle Ben"—Everybody Knows Him.

Note—Next Week's Personality—"The Sandman."
4QG's Telepathy Test
Some Further Observations

From all parts of Australia comments regarding the most interesting telepathy test, which was carried out by 4QG some few days ago, have reached the management.

Our issue of last week contained full details of the remarkable experiment, but perhaps we may be pardoned for briefly referring to the arrangements again.

Station 4QG co-operated with "Argus," the remarkable boy whose telepathic powers have brought him into a good deal of prominence.

"Argus" was placed on the stage of the Lyceum Theatre, and a committee of reputable people surrounded him. The theatre was linked up by land line with 4QG, and another committee of reputable people sat in the studio. Microphones were installed at each point, and those in the studio were, therefore, able to speak to "Argus," whilst the use of loud speakers in the theatre enabled the audience and the committee to hear what was said in the studio. In the studio the use of a loud speaker enabled the studio committee to hear what was said at the theatre.

The results achieved were absolutely surprising.

The Director of 4QG personally supervised the switching arrangements, and was assisted by the Chief Engineer (Mr. F. W. Stevens). Both these gentlemen took particular care to see that all contact between the studio and the theatre was cut off while the committee decided on certain objects, and both gentlemen, in the course of a statement, solemnly assured listeners that they had seen to it that by no means was "Argus" able to hear anything said in the studio.

For the first test members of the studio committee selected cards from a pack, and then concentrated on them. "Argus" was advised of the concentration by the striking of a bell, and he immediately gave the names of the cards which those present were thinking of.

Various objects were then produced, and with hardly an exception "Argus" named them correctly.

On the day following the test quite a number of letters were received at 4QG, and a number of calls were made at the station by listeners who were not quite satisfied.

Several people expressed the opinion that while the demonstration was clever, it was effected by means of a secret code between "Argus" and his demonstrator.

One man suggested that the manner in which the demonstrator addressed "Argus" gave him the clue to the card and the objects. That there is no foundation for this belief is amply demonstrated by the fact that during the whole of the evening, except for saying to "Argus" the words "Please read this man's mind," there was not any communication of any sort between "Argus" and his demonstrator. As a matter of fact, one member of the committee left the studio, wrote a question on a piece of paper, put it in his pocket, and then re-entered the studio. Not a soul knew what was on the paper, and the committee man asked "Argus" to answer the question. "Argus" replied, and the member of the committee then opened the paper and showed that the answer was correct. "Argus's" demonstrator did not see the paper and did not know what was on it until after the question had been answered.

When 4QG decided to carry out the test, care was taken to choose a committee whose word would be its bond.

Each member of the committee, at the conclusion of the test, came forward and stated to listeners that the whole test was quite genuine.

In our next issue a most interesting article will appear, written by a student who will discuss the probable cause of the success of the telepathy test.

The committees who supervised the transmission were as follows:—

**Studio:**
- The Hon. M. J. Kirwan (Minister for Works)
- The Rev. Father J. Kelly
- The Rev. Father Jordan
- The Rev. Father O'Callaghan
- Mr. L. L. Read (Read Press)
- Mr. Best (S. A. Best, Ltd.)
- Mr. Farleigh (Motor Supplies Ltd.)
- Mr. Luney (Chief Sub-Editor "The Telegraph")
- "Daily Mail" representative
- The Hon. T. J. O'Shea
- A representative of the Police Department
- The Director of 4QG (Mr. J. W. Robinson)
- The Chief Engineer 4QG (Mr. F. W. Stevens)
- Mr. R. D. Gibbs (Gibbs and Dennis)

**Theatre:**
- Mr. Kennedy
- Mr. Hindman (Brisbane City Council)
- Mr. Bartlett (Editor "Old Radio News")
- Mr. J. Hanlon (Editor "The Worker"), and others.

DIAMOND DRY CELLS ARE FILLED WITH ENERGY.

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Funeral Director
550 Queen Street, Petrie Bight, BRISBANE

**COMPLETE MOTOR SERVICE**
New Zealand Broadcasting  
Mr. J. Prentice's Resignation

Quite an amount of interest has been created in Australia as well as New Zealand in connection with the resignation of Mr. J. Prentice.

Mr. A. R. Harris, General Manager of the Broadcasting Company of New Zealand, has issued the following statement concerning the matter to the "Broadcast Bulletin":

Mr. Prentice was engaged by the Radio Broadcasting Company as Chief Announcer under conditions negotiated by him prior to his departure from Australia. In that capacity he rendered satisfactory service, so much so, that the company voluntarily gave him, three months after his arrival, an increase in salary not due until after twelve months' service. In terms of his own conditions, Mr. Prentice was stationed at Auckland, and also freed from all responsibility in respect to programmes, and any amplification of his position as Chief Announcer has been made through no official statement of the company.

In April last, on his own statement, that rightly or wrongly, he was accepted by the press and public of New Zealand as being responsible for the ultimate success of the stations, and on other points which he characterised as "infinitesimal," Mr. Prentice demanded recognition in relation to staff routine, business administration, and personal treatment, quite foreign to his contract and outside his duties, and offered his resignation as the alternative to their acceptance.

The non-acceptance of the terms laid down by Mr. Prentice resulted in his voluntarily resigning his position, which resignation was duly accepted by the company. Subsequently, on June 8th, it became advisable to relieve Mr. Prentice from further attendance at the studio, this being necessary because of the tension created within the organisation and the nature of the publicity entered upon in connection with this matter.

On June 15th Mr. Prentice further wrote the company, stating that if re-co-operation was impossible he would ask the company to pay him to the end of his contract at once, so that he could immediately go back to his work in Australia. On June 18th the company complied with Mr. Prentice's wishes in this respect, and forwarded him a cheque for the unexpired period of the notice given by him.

The public and listeners may rest assured that there has been no change in the policy of the Broadcasting Company; that policy is, and always has been, to give service to the public to the limit of the capacity of the company's situation and its stage of development. Mr. Prentice's departure, for personal and not for policy reasons, will not effect that policy, and from the company's point of view, now that the necessary foundation work is nearing completion, it will be possible to attain the standard of service desired by the company from the outset.

---

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Seppelts

Great Western Sparkling Wines

Carried all before them at the Brewers' Exhibition, London, having secured the

THREE FIRST PRIZES

The report of the Judge on these was:—"The Sparkling Wines called for praiseworthy comment, Hoch taking first place." Also carried all before them at the R.A. Society Show, Sydney, 1927.

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Notes from 3LO

SHAKESPEAREAN ENTERTAINER.

Mr. Phillip T. Long, the Dickensian and Shakespearean entertainer who is at present broadcasting from Studio 3LO, is a mimic of far more than ordinary ability. After hearing a particular laugh once or twice he never forgets it, and can imitate the person at will, catching just the right facial expression, and inflexion of voice. This wonderful gift of mimicry is of great value to him when he is playing a Shakespearean or Dickensian sketch in which he personally portrays all the characters. Thus, in the “Trial Scene” from “The Merchant of Venice,” which is to be included in his broadcasting programmes, we will hear him as Shylock, Antonio, Portia, Bassanio—and were it not for the fact that everyone knows that Mr. Long takes each character himself, the inflexion of his voice being so true, it would be a very simple matter for each listener to persuade himself (or herself) that there were many people engaged “at the other end of the wire.”

* * * *

ERIC S. SUNDERLAND.
Great Australian Walker.

Although little more than a youth, Mr. Eric Sunderland, a member of the Melbourne Harriers—by his recent performance—has proved himself the greatest walker that Australia has ever produced, and has broken the twenty-five miles record by a fraction of a second, accomplishing this strenuous feat in three hours 53 minutes and 16 seconds. This walk was undertaken when very adverse conditions prevailed, and, had the walk taken place under normal circumstances, it is safe to say that he would have broken a record that has stood for over forty years.

Mr. Sunderland first showed great promise a few years ago by winning the seven miles junior championship. Many other successes followed in which records were broken, and last year he journeyed to Sydney to compete in the New South Wales seven-mile championship, in which the Olympian representative, Parker, was decisively beaten.

At present Mr. Sunderland is in strict training, and hopes to beat both the ten miles and three miles walking records, for the world and Australia—he is entering these races with a view to winning the 3LO Silver Cup to all breakers of records in any branch of amateur sport. Near the end of July he will attempt to lower the twenty-five mile world’s record at Geelong, and about a week previous to the race will be speaking from Studio 3LO on “How I Prepared to Lower the Twenty-five Mile World’s Record,” which should not only contain some very interesting and helpful information, but will be much appreciated by all listeners, young athletes in particular.

* * * *

MILDRED AND CONNIE.
Everybody has much to thank their parents for, but Mildred and Connie owe their entire success in the world of entertainment to their father’s training. These clever young English instrumentalists, who have been engaged for the programmes of 3LO Melbourne, have been on the stage ever since they left school seven years ago, and their instrumental ability has led to their appearance in first-class theatres all over the world. As soon as each child was old enough to follow the intricacies of melody, the father started training them, not in one instrument only, but in various types, string, reed and brass. Before his family had left school they were sufficiently talented to play as members of a small orchestra in his own picture show in England, and a year later the whole family—father, two sons and two daughters—formed a first-class musical act, which is now well known all over the world under the title of the Harris Family.

Mr. Harris and the sons have retired from the stage, and Mildred and Connie have now embarked on their own careers. Mildred plays the harp, piano, banjo, cornet, concertina, accordion and post horn, whilst Connie is adept at violin, cornet, trombone, banjo, concertina and post horn. Both girls are talented vocalists and dancers, and are probably without equal in versatility in vaudeville. One of their instruments—the post horn—is a different proposition even for an experienced bugler, the instrument being without keys or any graduating influences of any type.

During their season with 3LO Melbourne Mildred and Connie will present vocal and instrumental solos with particular attention to harp accompaniments.

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BATTERY SERVICE STATION
Recharging and Repairs to all makes of Batteries.
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QUEENSLAND RADIO NEWS

August Issue

Sixty-four Pages of Radio Information and Education. A Monthly Magazine with an Australian-wide circulation. Read the August Number—it is filled with good things for every man who operates a receiver.
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(1) Practical tests have shown the Volton Batteries to be the most economical.
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AUSTRALIAN BROADCASTING STATIONS

“A” GRADE

FARMER & CO., LTD., SYDNEY:—Call-sign, 2FC; Wave-length, 442 metres; Power, 5000 watts.

BROADCASTERS, LTD., SYDNEY:—Call-sign, 2BL; Wave-length, 353 metres; Power, 5000 watts.

BROADCASTING COMPANY OF AUSTRALIA, PTY., LTD., MELBOURNE:—Call-sign, 3LO; Wave-length, 371 metres; Power, 5000 watts.

ASSOCIATED RADIO CO., LTD., MELBOURNE:—Call-sign, 3AR; Wave-length, 484 metres; Power, 1600 watts.

THE QUEENSLAND RADIO SERVICE, BRISBANE:—Call-sign, 4QG; Wave-length, 385 metres; Power, 5000 watts.

CENTRAL BROADCASTERS, LTD., ADELAIDE:—Call-sign, 5CL; Wave-length, 484 metres; Power, 5000 watts.

WEST AUSTRALIAN FARMERS’ UNION, PERTH:—Call-sign, 6WF; Wave-length, 1250 metres; Power, 5000 watts.

TASMANIAN BROADCASTING CO., PTY., LTD., HOBART:—Call-sign, 7ZL; Wave-length, 525 metres; Power, 5000 watts.

NOTE.

BRISBANE, SYDNEY and MELBOURNE times are the same.

ADELAIDE time is half-an-hour behind Brisbane time.

PERTH time is two hours behind Brisbane time.

Cookery Talks from 4QG

Interesting talks are being delivered by Miss Betty Simpson, every Thursday afternoon at 4 O’clock. Listen in!

SIMPSON’S SELF-RAISING FLOUR

Station 4QG
MONDAY, 1st AUGUST, 1927.

Midday Session.

1.8 p.m.—Market reports; weather information supplied by the Commonwealth Weather Bureau; news services supplied by “The Daily Mail” and “The Daily Standard.”

FROM HOTEL CARLTON—
1.20 p.m.—Lunch music played by Hotel Carlton Symphony Orchestra.

FROM THE OBSERVATORY—
1.58 p.m.—Standard time signal.
2.0 p.m.—Close down.

Afternoon Session.

FROM HOTEL CARLTON—
3.30 p.m.—Afternoon tea music played by Hotel Carlton Symphony Orchestra.

FROM THE STUDIO—
4.15 p.m.—News service supplied by “The Telegraph.”
4.30 p.m.—Close down.

Early Evening Session.

6.0 p.m.—News service supplied by “The Daily Standard.”
6.30 p.m.—The children’s session—stories by “The Sandman.”
7.0 p.m.—Market reports; stock reports.
7.30 p.m.—Weather news; announcements.
7.45 p.m.—Standard time signal.
7.45 p.m.—Lecturette: “The Children’s Music Corner”—conducted by “The Music Man.”

Night Session.

Hot Toddy!! 1 Lemon, Sugar to taste and OLD Q RUM. You can only make a good Hot Toddy out of good RUM—that’s why you should use OLD Q RUM. Buy a bottle to-morrow.

ORGAN RECITAL.

FROM ST. JOHN’S CATHEDRAL—
8.0 p.m.—A recital by the City Organist (Mr. Geo. Sampson, F.R.C.O.), includes:—“Coronation Anthem”—“Zadok the Priest” (Handel); “Le Matin” (Grieg); (a) “Fugue in B-Flat Minor” (Bach), (b) “Tocatta in D-Minor” (Bach); “Sarabande and Gavot” (Roeckel); “Andante and Allegrète”—from “Les Deux Piegeons” (Messager); air and chorus, “Dal Tuo Stellato Soglio” (Rossini); “Grand Offertore No. e” (Weby); (b) “Recit. du Recheur” (M. de Falla), (b) “Melodie” (S’lesi); “Processional March” (Sullivan).

FROM THE STUDIO—
9.0 p.m.—Metropolitan weather forecast; overture, “Gypsy Queen” (Lachner), the Studio Orchestra (conductor, Mr. A. R. Featherstone); contralto solo, “My Ships” (Barratt), Miss Blanch Burns; violin solo, “Amorel” (Mayo), Mrs. C. Williams (accompanied by Studio Orchestra); soprano solo, selected, Miss Annie Adams; patrol, “The Dwarf’s Patrol” (Rinaldi), the Studio Or-
TUESDAY, 2nd AUGUST, 1927.

Midday Session.

1.0 p.m.—Market reports; weather information; “The Daily Mail” and “The Daily Standard” news.

FROM HOTEL CARLTON—
1.30 p.m.—Lunch music played by Hotel Carlton Symphony Orchestra.

FROM THE OBSERVATORY—
1.53 p.m.—Standard time signal.
1.58 p.m.—“The Daily Standard” news.
2.0 p.m.—Close down.

Afternoon Session.

A PROGRAMME OF MUSIC FROM THE STUDIO—
4.15 p.m.—“Telegraph” news.
4.30 p.m.—“The Daily Mail” news; weather news.

Early Evening Session.

8.0 p.m.—“Daily Standard” news; announcements.
8.15 p.m.—Lecturette: “What Is Being Done for Consumptive Soldiers” by Mrs. T. J. Ryan.
8.30 p.m.—The children’s session—stories by “Uncle Jim.”
7.0 p.m.—Market reports; stock reports.
7.30 p.m.—Weather news; announcements.
7.45 p.m.—“The Daily Standard” news; weather news.
7.45 p.m.—Standard time signals.
7.45 p.m.—Lecturette: “Mortorists—Correct Lubrication Technique.”
No. 9—by “Gargoyle.”

Night Session.

RADIO SUPPERS:—9.30 p.m. Supper Time!! Make your radio supper enjoyable—serve BRISBANE BITTER ALE. “B.B.” is a light ale and delightfully appetising. Order a supply of “B.B.” to-morrow.

ERICH JOHN’S CONCERT.

The complete concert provided in the studio of Mr. Erich John will be broadcast.

PART I.—ORATORIC.


PART II.—SONGS OF THE EAST.

Double quartette, “Song of the Bells” (from Bantock’s “Songs of China”); duet, “The Temple Bells” and “Less Than the Dust” (from Woodforde-Finden’s “Indian Love Lyrics”), Miss Mildred Bell (contralto) and Mr. Ben Cloirec (baritone); tenor solo, “The Garden of Allah” (Marshall), Mr. George Williamson; male quartette, “Irréle” (Erich John); duet, “I’ll Be in the Great Bazaar” and “Allah Be With Us” (from Woodforde-Finden’s “A Loveth in Damascus”), Mrs. Thelma Champion (soprano) and Mr. Geo. Williamson (tenor); contralto solo, “Her Jewels” (from Wood-
Night Session.

STOUT FOR SUPPER TO-NIGHT! A glass of really good Stout—CARBINE BRAND—will make your Radio Suppers more enjoyable. Always keep a few bottles of Carbine Stout on hand.

TIVOLI THEATRE.

By courtesy of Haymarket Theatres Ltd., half-an-hour’s musical programme will be received from the Tivoli Theatre.

FROM THE TIVOLI THEATRE.

8.30 p.m.—Music by the Tivoli Operatic Orchestra (conductor, Mr. C. Groves).

WINDSOR BAND.

FROM THE STUDIO—

8.30 p.m.—March, “Windsor” (Alex Pirie), the Windsor Municipal Band (conductor, Mr. Alex Pirie); contralto solo, “They Say” (Evans); Miss Winifred Anderson; cornet solo, “Zelda” (Code), soloist Mr. J. Fitzgerald (accompanied by the Windsor Band); soprano solo, “Rose Softly Blooms” (Spohr); Miss Eileen Neone; grand selection, “Marco Spada” (Auber), the Windsor Band; waltz, “Nights of Gladness” (Ancliffe), the Windsor Band; contralto solo, “Marietta” (Romilli); Miss Winifred Anderson; 9.8 p.m.—Metropolitan weather forecast. March, “Good as Gold” (Reeves), the Windsor Band; a thought for to-night (Will H. Listen), “Eternity”; pianoforte solos—Nordische Tanz No. 12 and 15 (Grieg), Rev. F. O. Brookes.

THE STUDIO ORCHESTRA.

An Alpine fantasy, “voice of the Bells” (Thurban), the Studio Orchestra (conductor, Mr. A. R. Featherstone); contralto solo, “Bonnie Banks of Loch Lomond,” Miss Ella Howie; harp solos—(a) “Kate O’Shane” (Irish melody), (b) “Mazurka” (Schuecker). Mrs. Corrigan; monologue, “Poor Butterfly,” Miss Eileen McLennan; one-step, “The Kitties Courtship” (MacKenzie), the Studio Orchestra.

10.5 p.m.—The Daily Mail news; weather news.

Close down.

Jean Naylor

CONTRALTO

(From the Studio of Miss Lena Hammond)

TEACHER OF SINGING.

Pupils Trained for Concert Platform and Eisteddfod.

City Studio: c/o Mrs. Young, ENGAGEMENTS.

Opp. City View Hotel, ACCEPTED. Avondale Avenue, Wickham Terrace. Off Victoria Terrace, Ipswich Rd.

THURSDAY, 4th AUGUST, 1927.

Midday Session.

1.0 p.m.—Market reports; weather information; “The Daily Mail” and “The Daily Standard” news.

FROM THE CONSTITUTIONAL CLUB—

1.20 p.m.—A lunch hour address.

1.30 p.m.—Standard time signal.

2.5 p.m.—Close down.

Afternoon Session.

2.30 p.m.—A programme of music from the Studio.

4.0 p.m.—A cookery talk by “Betty Simpson.”

4.15 p.m.—“Telegraph” news.

4.30 p.m.—Close down.

Early Evening Session.

6.30 p.m.—“Daily Standard” news; announcements.

6.15 p.m.—A rose talk by “Tecoma.”

Competition Results

The four nearest answers to the correct solution were forwarded by:

1. Miss Lorrie McLennan, Douglas Street, Enoggera.
2. Leonard Barker, Quarry Street, Ipswich.
3. Master H. Moloney, Jean Street, Wilston.
4. Miss Emily Dekker, Charles St., Deagon.

WE SPECIALISE IN CHILDREN’S FOOTWEAR.

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The Hussling Shoeman,

Queen St. BRISBANE

Branches: Brunswick Street, Valley; Stanley Street (Clarence Cnr.).

6.30 p.m.—The children’s session—stories by “The Sandman.”

7.0 p.m.—Market reports; stock reports.

7.30 p.m.—Weather news; announcements.

7.45 p.m.—Standard time signal.

7.45 p.m.—Lecture: “A Talk on Books” by Mr. W. A. Bradden (McLeod’s).

Night Session.

BRISBANE BITTER ALE makes a delightful supper beverage. It is light and wonderfully palatable. Always keep a few bottles of BRISBANE BITTER in the house for your Radio Suppers and other occasions.

RECITAL OF VOCAL MUSIC.

The programme will be provided by the advanced students from the studio of Mr. Leonard Francis, and will include excerpts from oratorio and opera, as well as ballads and modern songs. There will be also some concerted items, duets, trios, quartettes, as well as the song-cycle “Flora’s Holiday,” written for four voices by Lane Wilson.

FROM THE STUDIO—

8.0 p.m.—Vocal recital.

8.15 p.m.—A description of 4QC.

8.30 p.m.—Vocal recital (continued).

FROM THE STUDIO—

10.3 p.m.—“The Daily Mail” news; weather news. Close down.

FRIDAY, 5th AUGUST, 1927.

Midday Session.

1.0 p.m.—Market reports; weather information; “The Daily Mail” and “The Daily Standard” news.

FROM HOTEL CARLTON—

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

INSIST ON HAVING DIAMOND DRY CELLS—THE BEST.
FROM THE OBSERVATORY--
1:58 p.m.—Standard time signal.
2:00 p.m.—Close down.

Afternoon Session.

FROM HOTEL CARLTON—
3:20 p.m.—Afternoon tea music played by Hotel Carlton Symphony Orchestra.

FROM THE STUDIO--
4:15 p.m.—News service supplied by “The Telegraph.”
4:30 p.m.—Close down.

Early Evening Session.

6:00 p.m.—“Daily Standard” news; weather information; announcements.
6:30 p.m.—Bedtime stories by “The Sandman.”
7:00 p.m.—Market reports; stock reports.
7:30 p.m.—Weather news; announcements.
7:45 p.m.—Standard time signal.

Night Session.

Stout for Supper to-night! There is no finer supper beverage than a glass of good Stout, and no finer Stout than CARBINE. Keep a stock of CARBINE STOUT in the house for your Radio Suppers.

W.E.A. MUSIC CLASS.

The Workers’ Educational Association Tutorial Classes in music are being held in the Reception Hall at 4QG this season, and are being conducted by Mr. George Sampson, F.R.C.O. (Musical Adviser, Department of Public Instruction; Lecturer in Music, Teachers’ Training College).

The object of holding the classes at 4QG is to broadcast the lectures and music, and so make available to a large audience the educational matter placed before students.

The classes will extend over a period, and will be held each Friday night. The usual lecture (which generally begins at 7:45 p.m.) will be dispensed with, and the classes will begin at that hour.

The tutor (Mr. Sampson) will lecture during the first portion of each evening, and chamber music will be played after each lecture.

FROM THE RECEPTION HALL—
7:45 p.m.—W.E.A. Music Class—The Jefferies Party will illustrate to-night’s lecture.

S.S. ESPERANCE BAY.

The function held on board the Commonwealth liner “Espere­ance Bay,” in aid of the seaside home for country women, will be relayed. A concert will be given, and there will be dance music.

FROM THE S.S. “ESPERANCE BAY.”—
9:15 p.m.—Concert programme.

FROM THE STUDIO—
10:30 p.m.—Sporting news.

FROM THE S.S. “ESPERANCE BAY.”
10:30 p.m.—Dance music.
11:00 p.m.—Close down.

SATURDAY, 6th AUGUST, 1927.

No Midday Transmission.

Afternoon Session.

3:30 p.m.—A matinee for little listeners by “Miss Waratah.”
4:30 p.m.—Close down.

Early Evening Session.

6:15 p.m.—Lecture: “The French Foreign Legion”—by Compte de Tournouer.
6:30 p.m.—Bedtime stories by Uncle Ben.
7:15 p.m.—Racing results.

7:30 p.m.—To-day’s football play described.
7:39 p.m.—Sailing notes by Mr. F. Smith.

Night Session.

BRISBANE BITTER ALE is a refreshingly de­lightful light beverage that will not fail to meet with your approval. Lay in a stock for your Radio Suppers and other occasions. When ordering be sure and ask for “B.B.—BRISBANE BITTER ALE.”

A VISIT TO SACHS’ FACTORY.

To-night’s programme will take the form of a visit to the factory of Messrs. E. Sachs & Co., Valley.

FROM SACHS’ FACTORY—
6:00 p.m.—A description of the foundry—of nail making, and of galvanising.

FROM SACHS & CO’S OFFICES—
9:00 p.m.—A musical programme, including:—Instrumental, “Fun in Dahomey” (Grimshaw), the White Coon Banjo Duo; contralto solo, “Waters of Minnesotka” (Lieurance); Miss Laura Loch; baritone solo, “Muleteer of Malta” (Frothers), Mr. A. N. Falk; tenor solo, “Mountain Leavers” (Squire), Mr. J. Land; instru­mental, “Sunflower Dance” (Turner), the White Coon Banjo Club; soprano solo, “Singing Merrily To-day” (Phillips), Miss Dolly Burgess; bass solo, “Father O’Flynn,” Mr. Stanley Tamblyn; harp solo, “Home Sweet Home,” Mrs. L. M. Corrigan; baritone solo, “Nirvana” (Adams), Mr. A. N. Falk; contralto solo, “I’m Longing for You,” Miss Laura Loch; tenor solo, “An Evening Song” (Blumenthal), Mr. J. Land; instrumental, “Honolulu Cake­walk” (Osman), the White Coon Banjo Club; bass solo, “The Admiral’s Yarn” (Rubens), Mr. Stanley Tamblyn.

FROM THE STUDIO—
19:00 p.m.—“The Sunday Mail” news. Close down.

SUNDAY, 7th AUGUST, 1927.

Morning Session.

ALBERT STREET METHODIST CHURCH.
The complete morning service will be relayed from the Albert Street Methodist Church.

FROM ALBERT STREET METHODIST CHURCH—
11:00 a.m.—Morning service.
12:30 p.m.—Close down.

Afternoon Session.

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

FROM THE BOTANIC GARDENS—
3:15 p.m.—March, “Entry of the Gladiators” (Fucile); over­ture, “Don Giovanni” (Mozart); extract, “Crescendo” (Lasson), euphonium solo, “Annie Laurie” (Rimmer); selection, “Southern Melodies” (King); fox-trot, “Red Red Robin” (Wood); hymns, selected (Hume); march “Arabian” (Rimmer).
4:30 p.m.—Close down.

Night Session.

ALBERT STREET METHODIST CHURCH.
The complete evening service will be relayed from Albert Street Methodist Church.

FROM ALBERT STREET METHODIST CHURCH—
7:30 p.m.—Children’s Session.
7:30 p.m.—Evening service.
8:30 p.m.—Conclusion.

BAND CONCERT.

At the conclusion of the church service the concert by the Brisbane Municipal Concert Band will be relayed from Wickham Park.

8:30 (approx.)—Band concert.
9:30 p.m.—Close down.

USE DIAMOND DRY CELLS—they are guaranteed.
Station 2BL

MONDAY.

Morning Session.
11.0 a.m.-G.P.O. clock and chimes. Weather report, ship­ping information, stock reports, market reports, sporting news from the “Sun.” Musical programme from the studio.

Afternoon Session.
2.0 p.m.-G.P.O. clock and chimes. Talk to children and special entertainment for children in hospital. Sporting talk, social notes, news from the “Sun,” musical programme, announce­ments, serial story, market reports, resume of night’s programme.
5.0 p.m.-G.P.O. clock and chimes. Close down.

Early Evening Session.
5.45 p.m.-G.P.O. clock and chimes. Children’s hours—“Daddy Longlegs” will entertain the children. Musical pro­gramme from the studio.

Evening Session.
8.0 p.m.-G.P.O. clock and chimes. Broadcasters’ Topical Chorus; the Newtown Band, broadcast from Industrial Hall, Newton­town; Mr. Bernard Roberts (humorist and entertainer at the piano); Broadcasters’ All-Sports Expert will talk on “General Sport­ing”; the Leon Vocal Trio; Miss Grace Quine (descriptive artist); weather report and forecast; Sid and Molly Owen in a medley of jazz; Miss Elsa Drummond (soprano); Mr. Phil Mountain (comedian); the Newtown Band; resume of following day’s programme; Mr. Bernard Roberts; Leon Vocal Trio; news items by “The Sun”; Miss Grace Quine; news items; Miss Elsa Drummond; Mr. Phil Mountain.
11.0 p.m.-G.P.O. clock and chimes. National Anthem.

TUESDAY.

Morning Session.
11.0 a.m.-G.P.O. clock and chimes. Weather report, ship­ping information, stock reports, market reports, sporting news from the “Sun.” Musical programme from the studio.

Afternoon Session.
2.0 p.m.-G.P.O. clock and chimes. Talk to children and special entertainment for children in hospital. Sporting talk, social notes, news from the “Sun,” musical programme, announce­ments, serial story, market reports, resume of night’s programme.
5.0 p.m.-G.P.O. clock and chimes. Close down.

Early Evening Session.
5.45 p.m.-G.P.O. clock and chimes. Children’s hours—“Uncle George” and the kiddies. Musical programme from the studio.

Evening Session.
8.0 p.m.-G.P.O. clock and chimes. Broadcasters’ Topical Chorus; the Marrickville Salvation Army Band, broadcast from the Studio; Miss Edna Lister (contralto); Mr. William Everard (tenor); Wemyss Street, Marrickville; Mr. Bert Warne (comedian); weather report and forecast; Miss Gladys Verone (soprano); MARRICKVILLE SALVATION ARMY BAND; Miss Edna Lister; Mr. William Everard; resume of following day’s programme; Dorothy Manning and Harry Graham, in song and story.
10.15 p.m.-Cec. Morrison and his Gloomchasers, broadcast from the balcony of the Bondi Casino. During intervals between dances “Sun” news will be broadcast.
11.0 p.m.-G.P.O. clock and chimes. National Anthem.

THURSDAY.

Morning Session.
11.0 a.m.-G.P.O. clock and chimes. Weather report, ship­ping information, stock reports, market reports, sporting news from the “Sun.” Musical programme from the studio.

Afternoon Session.
2.0 p.m.-G.P.O. clock and chimes. Talk to children and special entertainment for children in hospital. Sporting talk, social notes, news from the “Sun,” musical programme, announce­ments, serial story, market reports, resume of night’s programme.
5.0 p.m.-G.P.O. clock and chimes. Close down.

Early Evening Session.
5.45 p.m.-G.P.O. clock and Chimes. Children’s hours—“Uncle George” and the kiddies. Musical programme from the studio.

Evening Session.
8.0 p.m.-G.P.O. clock and chimes. Broadcasters’ Topical Chorus; the Marrickville Salvation Army Band, broadcast from the studio; Miss Edna Lister (contralto); Mr. William Everard (tenor); Wemyss Street, Marrickville; Mr. Bert Warne (comedian); weather report and forecast; Miss Gladys Verone (soprano); MARRICKVILLE SALVATION ARMY BAND; Miss Edna Lister; Mr. William Everard; resume of following day’s programme; Dorothy Manning and Harry Graham, in song and story.
10.15 p.m.-Cec. Morrison and his Gloomchasers, broadcast from the balcony of the Bondi Casino. During intervals between dances “Sun” news will be broadcast.

FRIDAY.

Morning Session.
11.0 a.m.-G.P.O. clock and chimes. Weather report, ship­ping information, stock reports, market reports, sporting news from the “Sun.” Musical programme from the studio.

Afternoon Session.
2.0 p.m.-G.P.O. clock and chimes. Talk to children and special entertainment for children in hospital. Sporting talk, social notes, news from the “Sun,” musical programme, announce­ments, serial story, market reports, resume of night’s programme.
5.0 p.m.-G.P.O. clock and chimes. Close down.

Early Evening Session.
5.45 p.m.-G.P.O. clock and Chimes. Children’s hours—“Uncle George” and the kiddies. Musical programme from the studio.

DIAMOND DRY BATTERIES ARE MADE IN AUSTRALIA.
Evening Session.

8.0 p.m.—G.P.O. clock and chimes. Broadcasters’ Topical Chorus; Mr. Roger Jones (baritone); Miss Veda Lawrence (soprano); Ward Lear and Will Kenny in a laughing, singing and whistling turn; Broadcasters’ All-Sports’ Expert will talk on “Football”; Broadcasters’ Trio; weather report and forecast; Mr. Sydney Hollister (comedian); Miss Nellie M. Ferguson (songs at the piano); Babs Duggan and Norman Barrington, in one of the vaudevillaines; Broadcasters’ Trio; resume of following day’s programme; Mr. Roger Jones; the Sporting Editor of “The Sun” will talk on the prospects of Saturday’s racing; Miss Veda Lawrence; Miss Nellie M. Ferguson; news items by courtesy of “The Sun”; Mr. Sydney Hollister; Broadcasters’ Trio.

SATURDAY.

Morning Session.

11.0 a.m.—G.P.O. clock and chimes. Weather report, shipping information, stock reports, market reports, sporting news from the “Sun.” Musical programme from the studio.

Afternoon Session.

1.15 p.m.—Talk on sporting and athletic fixtures for the day. During the afternoon sporting information will be broadcast by courtesy of the “Sun,” interspersed with musical programme from the studio. Various games will be described. Musical programme Resume of day’s racing.

Early Evening Session.

5.45 p.m.—G.P.O. clock and chimes. Results of all sporting information by courtesy of the “Sun.” Country news.

Evening Session.

8.0 p.m.—G.P.O. clock and chimes. Broadcasters’ Topical Chorus. Sporting programme—studio items by the following artists: Mr. Dudley Helmrich (baritone); Miss Hilda Walker (soprano); Broadcasters’ Trio.

10.15 p.m.—The Ambassadors Dance Band, broadcast from the ballroom of the Ambassadors. During intervals between dances “Sun” news will be broadcast.

11.0 p.m.—G.P.O. clock and chimes. National Anthem.

SUNDAY.

Morning Session.

10.45 a.m.—Special news service.

11.0 a.m.—Service from Randwick Presbyterian Church.

Afternoon Session.

3.30 p.m.—United children’s service.

4.30 p.m.—Bible class conducted by Mr. W. “Cairo” Bradley.

5.15 p.m.—Close down.

Early Evening Session.

5.45 p.m.—Children’s service.

Evening Session.

7.0 p.m.—Service from Petersham Baptist Church.

8.30 p.m.—Band recital by the North Sydney Tramway Band.

9.45 p.m.—Weather report and forecast; resume of following day’s programme. Violin recital from the studio of Mr. Gerald Wahlen.

10.9 p.m.—National Anthem.

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**Monday, 1st August, 1927.**

### THE BROADCAST BULLETIN

#### Station 3LO

**SUNDAY.**

**Morning Session.**

11.0 a.m.—Service from Scots Church, Melbourne.
12.15 p.m.—Close down.

**Afternoon Session.**

2.15 p.m.—Richmond City Band.
3.0 p.m.—Pleasant Sunday afternoon—Wesley Mission.
4.15 p.m.—Close down.

**Evening Session.**

5.30 p.m.—Children’s hour. Answers to letters and birthday greetings. Musical programme.

#### Night Session.

7.0 p.m.—Service from St. Paul’s Cathedral, Melbourne.

9.30 p.m.—British official wireless news; meteorological news.
10.0 p.m.—God Save the King.

**MONDAY.**

**Morning Session.**

12.1 p.m.—News service and musical items from the studio.
2.0 p.m.—Close down.

**Afternoon Session.**

3.0 p.m.—Musical numbers and talks from the studio; news service.
5.0 p.m.—Close down.

**Evening Session.**

5.40 p.m.—Children’s Hour—answers to letters, and birthday greetings. Musical programmes for children.
6.35 p.m.—News services, commercial information.
7.15 p.m.—Under the auspices of the Develop Australia Association—Commissioner W. A. WhARINGTON will speak on “Pre-Planning Glen-Waverley District.”
7.30 p.m.—Under the auspices of the University Extension Board—Mrs. Rosenberg, M.A., will speak on “Some Notes on the Canadian Rockies.”

**TUESDAY.**

**Morning Session.**

12.1 p.m.—Musical numbers and news service.
2.0 p.m.—Close down.

**Afternoon Session.**

3.0 p.m.—Musical numbers from the studio; talks and news service.
5.8 p.m.—Close down.

**Evening Session.**

6.35 p.m.—News services; commercial information.
7.15 p.m.—Under the auspices of the Town Planning Association—Commissioner W. A. Wharington will speak on “Pre-Planning Glen-Waverley District.”
7.30 p.m.—Under the auspices of the University Extension Board—Mrs. Rosenberg, M.A., will speak on “Some Notes on the Canadian Rockies.”

### Night Session.


9.55 p.m.—Second Act of “Rose Marie”—transmitted by permission of J. C. Williamson Ltd. A musical play, a romance of the Canadian Rockies. The characters: Sergeant Malone (James Hughes); Lady Jane (Yvonne Seward), Black Eagle (George Bryant), Emile La Flamme (Lou Vernon); Edward Hawley (Noel Lidard), Hard-Boiled Herman (Frederic Howard Elvins (piano recital), “Impromptu”

**WEDNESDAY.**

**Morning Session.**

12.7 p.m.—Musical items and news services.
2.0 p.m.—Close down.

**Afternoon Session.**

3.0 p.m.—Musical numbers from the studio; talks and news services.
5.0 p.m.—Close down.

**Evening Session.**

5.40 p.m.—Children’s hour—answers to letters, and birthday greetings.
6.35 p.m.—News services; commercial information.
7.15 p.m.—Under the auspices of the Department of Agriculture—Mr. R. N. Wardle (Veterinary Surgeon), “Vice.”
7.30 p.m.—Under the auspices of the Town Planning Association—Commissioner W. A. Wharington will speak on “Pre-Planning Glen-Waverley District.”

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Insist on COLUMBIA BATTERIES They Last Longer!
Afternoon Session.
3.30 p.m.—Musical items from the studio, talks and news services.
5.0 p.m.—Close down.

Evening Session.
5.40 p.m.—Children’s hours—answers to letters and birthday greetings.
6.35 p.m.—News services! commercial information.

Night Session.
7.15 p.m.—Under the auspices of the Department of Agriculture—Mr. J. T. Ramsay (Potato Expert) will speak on “Preparation for Planting Potatoes.”
7.45 p.m.—Miss Thurza Rogers, (late Premiere Danseuse, of the Pavlova Company, now appearing in “Frasquita” at the Theatre Royal) will speak to you from her dressing room, by permission of J. C. Williamson.
8.0 p.m.—Mr. Rod McGregor, “Football—Prospects of the Carnival”; Joe Aronson’s Syncosymphonists; Frank and Frances Luiz, song “Like No A Like”; Joe Aronson’s Syncosymphonists; Elsa Stralla (soprano) “My Liege Lady”; Joe Aronson’s Syncosymphonists; Mildred and Connie, song with piano and violin, “Sweet Little Loo”; Joe Aronson’s Syncosymphonists; Elsa Stralla (soprano) “My Liege Lady”; Joe Aronson’s Syncosymphonists; Mildred and Connie, song with piano and violin, “Sweet Little Loo”; Joe Aronson’s Syncosymphonists; Elsa Stralla (soprano) “My Liege Lady”; Joe Aronson’s Syncosymphonists; Mildred and Connie, song with piano and violin, “Sweet Little Loo”, Joe Aronson’s Syncosymphonists; Elsa Stralla (soprano) “My Liege Lady”; Joe Aronson’s Syncosymphonists; Mildred and Connie, song with piano and violin, “Sweet Little Loo”;
2.9 p.m.—Close down.

Afternoon Session.
3.30 p.m.—Musical numbers from the studio, talks and news services.
5.0 p.m.—Close down.

Evening Session.
5.40 p.m.—Children’s hours—answers to letters and birthday greetings.
6.35 p.m.—News services! commercial information.

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2.9 p.m.—Close down.
**PROOF!**

At the recent Wembley Exhibition, held in London, CROWN STOVES—made in Queensland—secured the coveted Bronze Medallion in competition with Stove Foundaries in all parts of the world. Surely the opinion of Wembley judges is sufficient testimony of the "Crown’s" worth.

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**Station 2FC**

**SUNDAY.**

**Morning Session.**

11.0 a.m.—From St. Mark’s Church of England, Darling Pt.—the morning service.
12.30 p.m.—Close down.

**Afternoon Session.**

3.0 p.m.—From the Lyceum Hall, Pitt Street—the pleasant Sunday afternoon service by the Central Methodist Mission.
5.8 p.m.—Close down.

**Night Session.**

6.20 p.m.—From the Petersham Congregational Church—an organ recital by Mr. Christian Helemann.
7.15 p.m.—From the Congregational Church, Petersham—the evening service.
8.30 p.m.—From the Studio—Walter Kingsley (baritone), "Ideals"; Lionel Lawson (violinist); Walter Kingsley (baritone), (a) "Thou Art Risen My Beloved"; Lionel Lawson (violinist); Walter Kingsley (baritone), "Oh, Could I Express in Song"; Lionel Lawson (violinist).
19.0 p.m.—National Anthem.

**MONDAY.**

**Morning-Midday Session.**

7.15 a.m.—Country Session.
10.0 a.m.—Studio music, "Sydney Morning Herald" news; last minute sporting information.
2.0 p.m.—“Big Ben.” Close down.

**Afternoon Session.**

3.0 p.m.—Programme announcements, studio music, and vocal items.

**Early Evening Session.**

5.45 p.m.—The chimes of 2FC; the "Hello Man" talks to the children; dinner music.
7.0 p.m.—“Big Ben,” late sporting news; Dalgety’s market reports (wool, wheat, stock); fruit and vegetable market; weather and shipping intelligence, stock exchange, late "Evening News" news service.

**Night Session.**

7.40 p.m.—Programme announcements.
7.45 p.m.—M. Maurice Byrr—a talk in French—"La Santa."

8.0 p.m.—From the Haymarket Theatre: The Haymarket Operatic Orchestra. From the Wahroonga Town Hall: Items from the annual concert by the North Sydney Orpheus Club, including items by the new bass-baritone, Laurence Macaulay—(a) "The Lute Player," (b) "A King’s Man." From the Studio: Mrs. W. A. Holman in the first of a series of studio lecturettes—No. 1, "Notabilities of the House of Commons;” E. P. Kerry (cornet solo) From the Haymarket Theatre: A musical act by "Bright and Carlyon." From the Studio: Madame Evelyn Grieg (pianiste) will continue her musical talks on Negro Spirituals—(a) "Gwine a Lay Down Mah Burden," (b) "Little David Play on Your Harp"; E. P. Kerry (cornet solos); music competition No. 1, in which Mr. Ewart Chapple plays selections from a well-known musical work, and listeners are invited to send in their solution. From the Wahroonga Town Hall: Further items from the annual concert by the North Sydney Orpheus Club, including items by Laurence Macaulay (bass-baritone), (a) "Back from the Sea," (b) "Invictus." From the Studio: E. P. Kerry (cornet solos); Madame Evelyn Grieg—continuation of musical lecturette on Negro Spirituals—(a) "Sometimes I Feel Like a Motherless Child," (b) "Tie Me, O Lord." The Haymarket Theatre Orchestra; the Wentworth Symphonic Dance Orchestra; late news and announcements; the Wentworth Symphonic Dance Orchestra.
11.15 p.m.—Close down.
**TUESDAY.**

**Morning-Midday Session.**

- 7.15 a.m.—Country Session.
- 10 a.m.—"Big Ben." Studio music, news services, racing notes, etc.
- 12 noon—"Big Ben." Announcements, weather information, studio music, news services.
- 2.0 p.m.—Close down.

**Afternoon Session.**

- 3.0 p.m.—Studio Concert, interspersed with music from Farmers Tea Rooms.
- 5.0 p.m.—"Big Ben." Close down.

**Early Evening Session.**

- 5.45 p.m.—The chimes of 2FC; the "Hello Man" talks to the children; dinner music.

**Night Session.**

- 7.40 p.m.—Programme announcements.
- 7.45 p.m.—Madame Betta Vincent, in continuation of her musical lecture series, will deal this evening with "Schumann." From the Darlington Town Hall: The Metropolitan Band—(a) march; "B.B. and C.F.," (b) song "My Dreams," (c) overture "Kenilworth"; a talk by Mr. S. H. Siena's Unique Horse Race; the Metropolitan Band—(a) Waltz "Will o' the Wisp," (b) two-step "The Glacier." Gems from "The Girl on the Film," presented by the Roseville Musical Society. The Metropolitan Band, selection "La Traviata;" Sydney Calland (baritone)—(a) "Give Me Your Hands," (b) "If to See Them." Gems from "The Girl on the Film," presented by the Roseville Musical Society. Alexander Sverjensky (pianist)—(a) "Elegy," (b) "Impromptu," (c) "Rustic Dance;" th e Metropolitan Band, march "Twentieth Century;" Sydney Calland (baritone), "Fate;" music in convulsions—partl Alexander Sverjensky (pianist)—(a) "Nocturne in F-Sharp Minor," (b) "Etude in F-Minor," Jack and his "Crackjack," dance music from the studio; Celebrity records; Al Jack and his "Crackjacks," dance music from the studio; late news and announcements; Al Jack and his "Crackjacks," in popular numbers.

**WEDNESDAY.**

**Morning-Midday Session.**

- 7.15 a.m.—Country Session.
- 10 a.m.—"Big Ben." Studio music, news services, etc.
- 12.0 noon—"Big Ben," and programme announcements; studio music, weather information and news services.
- 2.0 p.m.—"Big Ben." Close down.

**Afternoon Session.**

- 3.0 p.m.—Studio Concert, interspersed with music from Farmers Tea Rooms.
- 5.0 p.m.—Close down.

**Early Evening Session.**

- 5.45 p.m.—The chimes of 2FC; the "Hello Man" talks to the children; "Uncle Russ" and "Jenny" dinner music.

**Night Session.**

- 7.40 p.m.—Programme announcements; studio music.
- 8.0 p.m.—The Lyric Wintergarden Theatre Orchestra, Jimmy Elkin's and his jazz box.
- 8.15 p.m.—From the King's Hall, Sydney—on the occasion of the presentation by His Excellency the Governor, Sir Dudley de Chair, of the cheque to the various hospitals, being the collections for the year of the Saturday Hospital Fund; a programme has been arranged by ZFS, including the following artists:—Daisy Richards (violinist), (a) "On Wings of Song," (b) "Berceuse;" Frank McEarchern (bass), (a) "The Floral Dance," (b) "You Along o' Me;" Edith Harrhy (songs at the piano), (a) "Australian Nursery Rhymes," (b) "Mother's Song," (c) "Yen;" Jack Win and Nora Valle, in a comedy sketch entitled "Railway Revelations;" Harry Thomas (elocutionary).
- 9.0 p.m.—From the Studio—Mr. W. F. Kay in a new series of stage talks, No. 1 "The Life of the Footlights;" the Lyric Wintergarden Theatre Orchestra; Frank McEarchern (bass)—(a) "Up From Someret;" (b) "In a Cellar Cool;" Win and Windle, in a radio sketch; Mr. Thomas Sullivan and his comedy sketch, "The White Rhinoceros." Daisy Richards (violinist)—(a) "Meditation," (b) "Serenade;" the Lyric Wintergarden Theatre Orchestra; Ewart Chapple (piano solo); Harry Thomas (elocutionary); the Lyric Wintergarden Theatre Orchestra; Dancing session conducted by Len Maurice; late news and announcements; dancing session arranged by Len Maurice.

**THURSDAY.**

**Morning-Midday Session.**

- 7.15 a.m.—Country Session.
- 11.0 a.m.—News services, weather information, music from the studio, talks, etc.
- 2.10 p.m.—Close down.

**Afternoon Session.**

- 3.0 p.m.—Studio Concert, interspersed with music from Farmers Tea Rooms.

**Early Evening Session.**

- 5.45 p.m.—The chimes of 2FC. The "Hello Man" talks to the children; dinner music.
- 7.50 p.m.—Talk by the Technical Editor of "Wireless Weekly."

**Night Session.**

- 7.40 p.m.—Programme announcements.
- 7.45 p.m.—"A talk by the Technical Editor of "Wireless Weekly."
- 7.55 p.m.—In commemoration of the outbreak of the Great War, 4th August, 1914.
- 8.0 p.m.—The Randwick Municipal Band; Percy McKay (bass)—(a) "The Two Grenadiers," (b) "The Floral Dance;" (c) "Youth;" the fifth broadcast sketch produced by Edgar Warwick, assisted by Eileen Dawn, "Count Before You Speak;" the Randwick Municipal Band; Ad. Creel (Scottish comedian), "George dia From the Randwick Bay (bass); "Drake Goes West;" the Randwick Municipal Band; music competition No. 2, in which Mr. Cliff Arnold will take listeners in the intricacies of a musical "Circuit." (d) "Tales;" (e) "Ragtime" presented by the Roseville Musical Society. Alexander Sverjensky (pianist)—(a) "Elegy," (b) "Impromptu," (c) "Rustic Dance;" th e Metropolitan Band, march "Twentieth Century;" Sydney Calland (baritone), "Fate;" music in convulsions—partl Alexander Sverjensky (pianist)—(a) "Nocturne in F-Sharp Minor," (b) "Etude in F-Minor," Jack and his "Crackjack," dance music from the studio; Celebrity records; Al Jack and his "Crackjacks," dance music from the studio; late news and announcements; Al Jack and his "Crackjacks," in popular numbers.

**FRIDAY.**

**Morning-Midday Session.**

- 7.15 a.m.—Country Session.
- 10.0 a.m.—"Big Ben" and announcements; studio music, news services, etc.
- 2.0 p.m.—"Big Ben." Close down.

**Afternoon Session.**

- 3.0 p.m.—Studio Concert, interspersed with music from Farmers Tea Rooms.
- 5.0 p.m.—"Big Ben." Close down.

**Early Evening Session.**

- 5.45 p.m.—The chimes of 2FC. The "Hello Man" talks to the children; a serial story; dinner music.
- 7.0 p.m.—"Big Ben." Last minute reporting information by the ZFC racing commissioner; Dalgety's market reports, fruit and vegetable markets, weather and shipping intelligence, stock exchange; late "Evening News" news service.

**Night Session.**

- 7.40 p.m.—Programme announcements.
- 7.45 p.m.—Brunton Gibb (elocutionist). From the Lindfield Theatre, Lindfield—The Humphrey Bishop Revue Company, introducing new songs and acts; the artists include Humphrey Bishop, Walter Kingsley, Scotch and Ross, Arthur Helmsley, Eleanor May, "The Ragtime Four;" John Montford, Thelma Tradd, and other artists. From the Studio—Harrison White (banjo solo)—(a) "At Peace with the World," (b) "Don't Sing Aloha When I Go;" Donald Mack (baritone), "The Ballad Miner;" Win and Windle (English entertainers); Donald Mack (baritone), "A Facewell;" Harrison White (banjo solo), "Hello Bluebird;" Alice Prowse (contralto), song cycle "The Mill O' Dreams," "Back o' the Moon;" Win and Windle (English entertainers); Donald Mack (baritone), "A Facewell;" Harrison White (banjo solo), "Hello Bluebird;" Alice Prowse (contralto), song cycle "The Mill O' Dreams," "Dream o' Nights," "The White Rhinoceros;" Ewart Chapple (piano solo); Daisy Richards (violinist)—(a) "Meditation," (b) "Serenade;" the Lyric Wintergarden Theatre Orchestra; Dancing session conducted by Len Maurice; late news and announcements; dancing session arranged by Len Maurice.

**DIAMOND “A,” “B” AND “C” RADIO BATTERIES ARE BETTER.**
CHESTRA, dance numbers; Peggy Peat (soubrette); Hal Vane's Orchestra, dance numbers; Peggy Peat (soubrette); Hal Vane's Orchestra, dance numbers.

SATURDAY.

Morning, Midday and Afternoon Session.
7.15 a.m.—Country Session.
10.0 a.m.—“Big Ben.” Announcements, studio music, news services, etc.
5.0 p.m.—“Big Ben.” Close down.

Early Evening Session.
5.45 p.m.—The chimes of 2PC. The “Hello Man” talks to the children; serial story; dinner music.

Night Session.
7.40 p.m.—Programme announcements; studio music.
5.0 p.m.—The Crystal Palace Theatre Orchestra, “Raymond” overture, and other orchestral items; the “Sparklers,” opening chorus; Ernest Archer (tenor), “Silver Threads Among the Gold”; just a little dance, fox-trot; Maida Jones (soubrette), “Sweet Child”; a “Sparklers” sketch; Peggy Dunbar (contralto), “Old Folks at Home”; Brunton Gibb, “Humoristies”; Wilfrid Thomas (bassoon), “In Cellar Cool”; Charles Lawrence, a few more laughs; a “Sparklers” sketch, “Radio In 25”; Maida Jones (soubrette), “Bluebird”; Peggy Dunbar (contralto), “Oh, Promise Me”; Rus Garling, burlesque “The Wireless Handicap”; another dance; Ernest Archer (tenor), “Kathleen Mavourneen”; old sparkles by the “Sparklers”; a few words from “Jerry”; another little chorus—then good night; the Crystal Palace Theatre Orchestra; Ernest Archer (tenor); Maida Jones (soubrette), the Crystal Palace Theatre Orchestra; the Wentworth Symphonic Dance Orchestra; late news and announcements; the Wentworth Symphonic Dance Orchestra, popular numbers.

BURGESS MAKES A, B, and BATTERIES

STRAIGHT LINE FREQUENCY CONDENSERS

This CONDENSER is an improved straight-line frequency, having solid spacing bars, with an entirely new means of insulation. Receives all broadcasting stations evenly over the sweep of the dial in exact ratio with the transmitting frequency. Eliminates station-bunching and increases selectivity.

Manufactured in Australia by

RADIO CORPORATION OF AUSTRALIA PTY. LTD.
MELBOURNE SYDNEY ADELAIDE
EDGAR V. HUDSON Wholesale Distributors for Queensland
Charlotte St, Brisbane

5CL. (Adelaide).
11.30 a.m. to 2.0 p.m.—News, music, etc.
3.0 p.m. to 5.0 p.m.—Music, news.
6.30 p.m.—Children’s stories.
8.0 p.m. to 10.0 p.m.—Musical programme. (Note: Adelaide time is half-an-hour behind Brisbane time.)

6WF. (Perth).
12.35 p.m. to 2.0 p.m.—News and music.
3.30 p.m. to 4.30 p.m.—Musical programme.
7.0 p.m.—Children’s stories.
8.0 p.m. to 10.0 p.m.—Musical programme. (Note: Perth time is 2 hours behind Brisbane time.)

7ZL. (Hobart).
11.0 a.m. to 12.0 (noon).—News and music.
3.0 p.m. to 4.0 p.m.—Musical programme.
7.0 p.m.—Children’s stories.
8.0 p.m. to 10.0 p.m.—Musical programme.

TRADES HALL 2KY. (Sydney).
12.15 p.m. to 1.45 p.m.—News and music.
Tuesdays and Thursdays: 3.15 p.m. to 2.45 p.m.—Music.
Monday, Tuesday and Friday: 6.30 p.m.—Children’s stories.
Daily: 8.0 p.m.—Musical programme.
Monday, 1st August, 1927.

3AR.
11.30 a.m. to 1 p.m.—News and music.
6.45 p.m.—Children's stories.
8.0 p.m.—Children's stories.
8.0 p.m. to 10.30 p.m.—Musical programme.

Vic. Jensen's Competition

On "The Bedtime Hour Page" a week or two ago we made reference to a competition for re-christening "Uncle Mike," giving children the choice of four names from which to make their selection.

These names were:

UNCLE DICK
UNCLE JOE
UNCLE MIKE
UNCLE BERT

Children were asked to vote for the name they preferred, and to enclose their vote in an envelope addressed "Voting Competition," c/o "Uncle Ben," Station 4QB, Brisbane. All the votes of the winning title will be assembled, and from these the prizes will be drawn.

This competition is being run in conjunction with Mr. Vic Jensen, of Vic Jensen Ltd., Brisbane, who has offered 10 handsome prizes for the fortunate winners.

These prizes, which are on display in Vic Jensen's Queens Street window, comprise:

Two First Prizes—
Girl: Tennis racquet or pair of shoes.
Boy: Duncan Thompson football or pair of boots or shoes.

Two Second Prizes—
Girl: Pair of shoes.
Boy: Pair of boots or shoes.

Six Consolation Prizes—
Of a cabinet photograph of "Uncle Mike" and "Uncle Ben."

A GIFT FOR EVERY CHILD.

Mr. Jensen has now made the announcement that every child who votes will receive a novelty card with a picture of "Uncle Mike" that changes his face every time you move it.

So whether you win a prize or not every child should vote—and receive one of these very clever novelty cards.

Most radio lovers agree that the only satisfactory way of listening is via a loud-speaker, but the whereewithal is not always available. An announcement by Amplion (Australasia) Limited of a drastic reduction in the prices of their "Cabinet" speakers is, therefore, of considerable interest to the reader with only a slender purse. At 50/- the oak model is wonderful value. Chaste in appearance, capable of a really good performance, and backed by the Amplion guarantee and service, this British-made loud-speaker is worthy of the consideration of everyone who desires "better radio reproduction." The mahogany model is now listed at 57/-.

DIAMOND DRY CELLS ARE POWERFUL AND SILENT.

Which would you rather be—Performer or Listener?

Is there not infinitely more pleasure and satisfaction derived from playing the music yourself, than from merely listening to another?

With a Victor Expression Player Piano

you can immediately commence taking an active part in producing the music you love.

Moreover, you will possess the means to render just exactly the music you prefer in the way you prefer to hear it.

Allow your personal taste full scope. Make music as you desire it, rather than accept it as given by another whose taste is perhaps quite the opposite of yours.

Call and permit us to demonstrate the Expression Victor and to explain how we can make you a skilful pianist.

We arrange Small Deposits and Easy Terms.

PALINGS 86-88 Queen Street,
BRISBANE

AND AT TOOWOOMBA, ROCKHAMPTON, AND TOWNSVILLE.
A Modern Furniture House

Messrs. John Hicks & Company Limited have been associated with furniture and furnishings for over half a century, and to-day the "Hixco" factory is the largest furniture factory, attached to a retail furniture warehouse, in Queensland. Indeed, it is considered that few others are larger than it in the Commonwealth.

The Managing-Director, Mr. H. R. Gale, believes in efficiency, and has seen to it that the whole staff, both at the warehouse and factory, comprises men and women of outstanding ability and experience. The high standard of quality maintained, and the excellent service always rendered, bears ample testimony to the soundness of this policy.

To display the furniture productions and everything connected with the furnishing of a complete home, "Hixco" own a warehouse on the corner of George and Ann Streets, Brisbane, with a floor space of 51,000 square feet. Within this building alone is displayed over £50,000 worth of quality furniture, soft furnishings, carpets and linoleums, cutlery, china and glassware, household ironmongery, garden tools, baths, stoves, sewing machines, photographs, Manchester goods, blankets, rugs, etc.—in fact, all that pertains to a home.

On the second showroom floor is erected the most unique method of displaying furniture to be found in any part of the Commonwealth. Two completely furnished bungalows from bedroom to bathroom are here displayed in the form of completely furnished homes. Bedroom, dining rooms, smoke rooms and lounges, breakfast rooms, kitchens and bathrooms are fitted out in detail, with furniture and furnishings all of a quality peculiar to the "Hixco" factory and warehouse.

The "Hixco" idea is to serve, not to sell, and these rooms show how it is possible to furnish a home tastefully and without cramming it full of furniture. "Hixco" advise that visitors are at all times welcome to inspect these bungalows and their showrooms without being placed under any obligation whatsoever.

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HIXCO CROCKERY VALUES

SPECIAL VALUES IN ENGLISH DINNERWARE


Dinner Plates ........................................ 5/ 1-dozen
Pudding Plates ...................................... 4/3
Supper Plates ........................................ 2/9
Tea or Bread Plates ................................ 2/3
Soup Plates ........................................ 4/9
Fruit Saucers, about 4 in. ......................... 4 each
Meat Dishes measuring about 10 in., 1/2; 11 in.,
1/4; 12 in., 1/9; 14 in., 3/; 16 in., 4/.
Tea Cups and Saucers ............................... 4/6 1-dozen
Breakfast Cups and Saucers ...................... 5/6

OCTAGON Shape Plate with gold edges, made by Johnson and Son, England.

Dinner Plates ....................................... 13/6 dozen
Pudding Plates ...................................... 11/6
Supper Plates ........................................ 9/
Breakfast Plates .................................... 7/
Soup Plates .......................................... 7/
Breakfast Cups and Saucers ...................... 15/
Tea Cups and Saucers ............................... 12/

TEA SETS—
21 Pieces . . . 9/6

DINNER SERVICE—
32 Pieces . . . 38/6

"EASILY FIRST FOR FURNITURE AND FURNISHINGS AND ALL ELSE FOR THE HOME"

DIAMOND DRY CELLS GIVE LONG AND HONEST SERVICE.
Outline of 4QG Programmes for August

Monday, August 1st—Organ recital.
Tuesday, August 2nd—Mr. Erich John’s party of radio artists.
Wednesday, August 3rd—Windsor Municipal Band.
Thursday, August 4th—Recital by the students of Mr. Leonard Francis.
Friday, August 5th—W.E.A. music class; Anglo Male Quartette.
Monday, August 8th—Special recital by the Blackstone-Ipswich Cambrian Choir.
Tuesday, August 9th—Mr. A. Sharman’s party; 9th Battalion smoko.
Wednesday, August 10th—Studio concert.
Thursday, August 11th—The Stuart Family Quartette.
Friday, August 12th—W.E.A. music class; Gaiety Theatre Orchestra.
Monday, August 15th—Pianoforte recital by Mr. Erich John.
Tuesday, August 16th—Angle Male Quartette.
Wednesday, August 17th—Windsor Municipal Band.
Thursday, August 18th—Recital by 1000 violins.
Friday, August 19th—W.E.A. music class; studio concert.
Saturday, August 20th—M. L. A. Pares’ annual concert at Exhibition Hall.
Monday, August 22nd—Concert from the Croft studio.
Tuesday, August 23rd—Ithaca Orchestral Society.
Wednesday, August 24th—Studio concert.
Friday, August 26th—W.E.A. music class.

This is "Uncle Ben’s" Book O’ Fun

The jolly story-book that has made thousands of children happy.

Compiled by the bedtime story-tellers at 4QG, and edited by "Uncle Ben."

The last few copies are now being offered. Read particulars on Page 1 and secure a copy before the edition is completely exhausted.

The Perfect Control for all Valve Filaments

Cylordon

Every Cylordon Tempryte is branded with its true resistance—the only correct method.

A Cylordon Tempryte made for every Valve—No Guesswork.

Be up-to-date and use something better. The day of the old valve destroyer, the variable rheostat, is gone.

Three Reasons Why You Should Use Cylordon Temprytes

1st—Temprytes are guaranteed to function perfectly with any valve, providing they are chosen from our valve chart by our formula.

2nd—Temprytes cannot overheat your filaments, being scientifically designed for correct filament temperature calculated from valve maker’s data.

3rd—Temprytes are “wire-wound”—not carbon mixtures or chemical combinations—therefore noiseless. Each one is twice tested during manufacture.

Available at All Radio Dealers

Edgar V. Hudson 55 Charlotte Street, Brisbane
If you have not yet tried OSRAM Valves in your set, you have yet to experience a new radio thrill.

The mechanical construction of OSRAM Valves is perfect, and its electrical properties are more efficient than most valves in use to-day.

Try OSRAM Valves—there is a type to suit every receiver.

OSRAM Valves

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Made by the Osram Lamp Works—controlled by the British General Electric Coy.—makers of the famous Osram Electric Lamps.

Wireless House LIMITED

Queensland’s Pioneer Radio Supply House

City Buildings, EDWARD ST., BRISBANE

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World Famous Australian Singer at Station 3LO Melbourne

Mme. Stralia, who is broadcasting from 3LO Melbourne, was born in Adelaide, the capital of South Australia, a city which bears the reputation of being the most cultured community in the Commonwealth. She comes of musical stock, her father being a well-known baritone, and her mother a pianiste of note. Her musical studies were begun at the Marshall Hall Conservatory in Melbourne, and her first term brought her a scholarship which encouraged her to definitely adopt a professional career. Her debut in concert took place a short time afterwards, with the Sydney Philharmonic Society, the leading choral organisation of Australia, in the Town Hall, Sydney. Her success was so great and her natural gifts so marked, that on the advice of prominent musicians and critics, she decided to further her studies in Italy.

Mme. Stralia’s triumphs in Italy led to her subsequent engagement at the Royal Opera, Covent Garden, London. She at once became a great favourite with the English public, and remained a member of the company until it was disbanded upon the outbreak of war. Her debut took place in the role of Donna Elvira in “Don Giovanni” with John McCormack and Antonio Scotti as her associate artists. Her first appearance as Aida came when she was called to take the place of Mme. Destinn on a few minutes’ notice. She took her audience by storm, and was acclaimed one of the greatest exponents of the role ever heard in London. During the several seasons that she remained at Covent Garden she sang leading soprano roles in “Cavalleria Rusticana,” “Prince Igor,” “Tannhauser,” “The Masked Ball,” and other operas, and when the opera house was closed her admirers flocked to hear her in many concerts at Albert Hall and Queen’s Hall. She also made several tours of the leading cities of the UUUnited Kingdom. The exceptional honour was paid her of being called twice to Paris to sing with the famous Lamoureux Orchestra under the baton of Chevillard, who paid her a glowing tribute.

On the advice of Titta Ruffo, with whom she had sung, Mme. Stralia came to America in 1922. In New York she immediately placed herself in the hand of the eminent voice specialist of international fame, Yeatman Griffith. A later introduction to Walter Damrosch led to her being engaged for 12 appearances with the New York Symphony Orchestra. After hearing her Mr. Damrosch said: “I have not heard such a voice since Lilli Lehmann sang.” Albert Coates, widely known in America as guest conductor of the New York Symphony, has more than once declared Mme. Stralia to have “the greatest voice in England,” an opinion shared by Sir Thomas Beecham, Percy Pitt, and other noted authorities.

Her recent broadcasting season at 3LO Melbourne was anstanding success, and listeners will be pleased to learn that she is to sing again, her season at the studio commencing on 24th July.
It is a fascinating mental exercise to speculate on the possible developments of such a thing as wireless. The possibilities are practically unlimited, and the fantastic impossibilities of to-day are the commonplaces of to-morrow.

Comedians on the music hall stage make merry with what they conceive to be legitimate objects of fun simply because they are such incongruities, and yet the future stultifies their mirth.

I remember in this connection the jokes that used to be made on the stage when moving pictures first began to come into vogue, but before anyone realised the full extent of the new invention, then only used for amusement. “Wars,” said the comedians, “would have to be postponed because the moving picture outfit had not arrived to take the picture of the commander-in-chief going into battle.” It was not even dimly realised that the cinema would be actually an indispensable part of every army’s outfit.

I recall this old and almost forgotten mental attitude because I want to write of a fantastic development of wireless which has just been prophesied to me by the representative of Marconi in Australia. In fact it is more than a prophecy. It represents something on which Marconi is working at the present time.

It is the storing of programmes. That is to say, instead of our having to wait up to the tiny hours of the morning to listen in to a London station, or Londoners having to do the same to hear the programmes of 3LO Melbourne, we will be able to tune in on a certain wave-length at any hour we like and yesterday’s programme will be available to us. It will, in some mysterious way of Marconi’s have been stored up. The method employed involves the continuous circulation during the day of the programme just put on the air, so that after, let us say, 3LO Melbourne has closed down, or is even engaged on the beginning of another programme, the earlier one is being dis-

Charged round the world from point to point, available to anyone at hours more reasonable than those idiotic times from 1 a.m. onwards.

I confess I don’t profess to be able to explain how it is going to be done, but if Marconi says it will be, I’ll be willing to lay more than a shade of odds that he will be proved right.

Storing National Broadcast Events.

The possibility I have adumbrated above reminds me of a very good bit overlooked by the Government in connection with the broadcasting of the Canberra ceremonies. By the exercise of a little thought and ingenuity it should have been quite feasible to have preserved for our national archives the aural reproduction of the historic ceremony at the Capitol. The Duke’s and the Prime Minister’s speeches, the description of the scene, the military commands—all of these could have been recorded as the wireless made them available, and records could have been sold abroad.

There is small doubt that recording of the broadcast descriptions of such important historical events will soon be done as a matter of course. No new advance has to be made on our present knowledge to make this possible, and, looking back, it seems inconceivable that the thing should not have been done before.

**Wireless Possibilities**

By “Hi-lo”

Owing to the extraordinary demand for the “Broadcast Bulletin” last week, many readers who delayed purchasing the paper for a few days after publication failed to obtain a copy.

It is quite safe to assume that a similar demand will make itself felt for the new “Broadcast Bulletin” every week.

Such being the case, it is important not to delay purchasing this paper as soon as it is published.

Or, better still, why not fill in the subscription form in this issue and make quite sure that a copy of the “Broadcast Bulletin” is posted regularly to your home?

DO NOT DELAY!

ACT AT ONCE!
The Incomparable Brown in Seven Superb Models

Now that Broadcasting has awakened such an intense national interest, it is only natural to find that Loud Speakers, in common with many other commodities, Radio or otherwise, must be produced in a variety of types at prices that will be within the reach of all. It is for this reason, therefore, that there are now available seven superb models of Brown Loud Speakers.

Of all the Loud Speakers on the market to-day, the Brown is unique, because, by a brilliant application of an entirely original principle, it achieves results which can be obtained in no other speaker. Brown principles of design and construction can be found only in Brown Loud Speakers. The famous tuned reed mechanism, which permits the use of a supersensitive cone-shaped aluminium diaphragm as thin as paper, is responsible for a tonal purity and mellowness which must be heard to be fully appreciated.

Obtainable from all Radio Dealers.

Sole Agents:

NOYES BROS.
In an interesting article in the American "Radio News," the well-known and highly-capable radio writer—Mr. Hugo Gernsback—discusses the question of ordinary radio as compared with the new system of wired radio. His remarks are well worth republishing here.

When broadcasting was established in the United States, the universal opinion was that the service would always be free. No one in America has ever seriously considered broadcasting for pay from the listeners. This is in distinct contrast to the European system, whereby every radio set is taxed by the government anywhere from 25 cents a month upwards to pay the broadcasters. This is the custom that prevails in most countries of the world with some few exceptions. Of course, even in the United States, some one foots the bill—that some one being usually the public. But this is indirect taxation, whereas the European system is one of direct taxation on each set.

In America the broadcasters expect to get back, through the returns from good-will programs or indirect advertising, their outlay for broadcasting—in which effort, it may be said, they have been fairly successful. Not every station, however, operates at a profit, nor will probably do so for some time to come. In general, the principle has been recognised in America that radio should be free for all, so that any one by buying a set can listen in to his heart's content, year in and year out. This is the prevailing system of space radio.

There is, however, another system which may shortly go into operation in the eastern part of the United States, and which is known under the name of "wired radio." There is nothing new about this, for it is not a new invention by any means.

General G. O. Squier took out patents on wired radio many years ago, but so far the system has not met with much success or encouragement in application to broadcasting; although this can be accomplished by wired radio over any existing lines, be they telephone or telegraph, electric-light or power. It is understood that, for the time being at least, the telephone interests will have none of wired radio. On the other hand, one of the largest electric light and power corporations in the country, with networks extending throughout the east, definitely intends to go "on the wire" with wired broadcasting in the near future, probably within six or eight months.

Many technical difficulties had to be overcome to make this possible, but officials of the company sponsoring wired radio now believe that the difficulties have been smoothed out, and that a real service can actually start very soon. Somewhere in the east there will be studios where three different programs will be broadcast simultaneously on different wave-lengths over existing wire systems.

By means of a simple switch on a special receiving set, it is promised, the listener reaping the instrument from the wired-radio company will be able to select any one of the three programs being fed to the electric light wires, and this programme will issue from a loud speaker. Two models of receivers are planned. One will use a crystal detector, and is intended primarily for headphone reception. The other will include a regular audio amplifier and a loud speaker, all "A," "B," and "C" power being derived from the power line. No aerial and ground will be used, as the receiver picks the programmes directly off the power wires.

If one already owns a radio receiver, he can rent the crystal receiver and connect it to his set in such a manner that the audio amplifier in the latter will amplify the signals; the radio loud speaker will then reproduce them as it does space-radio impulses. This is just an outline of the proposal, from the advance information at hand.

Interesting as are the possibilities of wired radio, however, I personally do not believe that it will prove a formidable competitor of space radio.

It may be said, as a matter of fact, that the so-called wired radio really should not be called radio at all, although it uses radio instrumentalities throughout. In any event, wired radio certainly takes the romance and thrill out of radio broadcast reception, unless you are satisfied with one or two local stations. With space radio even a mediocre set has no trouble tuning in any evening at least forty or fifty stations; and if the set is a really good one, as many as a hundred stations can be logged.

This does not mean, of course, that you can enjoy a hundred different programmes during that evening, because the time limitation is against this. But the argument remains in favour of space radio; for the simple reason that, if you wish to stay with any one on the programmes, you can do so by tuning in the station you wish to listen to and, unless it is an exceptionally bad night, when much static prevails, there is not much difficulty in staying with the station selected. If I do not wish to know what is going on in Chicago, I can listen to Washington or to New York, or to Atlanta. That is, with space radio. With wired radio it would seem that there must be limitation to a very few programmes. The fact is, you will have to take what you get. This seems to be a serious disadvantage, and only time will tell whether it can be successfully overcome.

On the other hand, it may be said that, with wired radio, you do not have to contend with static and uncertainties, but you may be assured of a programme
at all times. How this choice will strike the average listener it is, of course, impossible to predict.

Then comes the most important point under consideration; and that is, wired radio will not be free. The apparatus will not be sold, but leased at a certain monthly rental per instrument.

Just how many people will avail themselves of such a service, when general radio entertainment always has been free, remains as yet to be seen. While there can be no doubt that wired radio will in all probability never supplant space radio, it is possible that it will prove an interesting adjunct to space radio. The parallel to this may be found in space radio and the phonograph.

When radio first came into vogue it was freely predicted that the phonograph would speedily be relegated to the scrap heap. I predicted editorially in the American “Radio News,” early in 1921, when broadcasting first started, that nothing of the kind was apt to happen, and rather that the phonograph would be helped by radio. This indeed proved to be the case, for there are more phonographs and more records being sold today that there were at any time.

I do not believe that it will be at all practicable, as suggested, for the wired-radio companies to establish a method of secret transmission over their lines, so that only the apparatus rented from them will be capable of receiving their programmes; because, the moment the apparatus is installed and the nature of the device becomes public, every radio constructor will surely try to build a set by means of which he can tune in on the wired radio.

It is in the nature of every radio fan to investigate and the prediction is freely made that, if wired radio comes into universal use, the parts business will take a sudden leap. Every radio fan and every set builder will no doubt try, at one time or another, to build a radio receiving set that will bring in the wired-radio programmes. It seems that the wired-radio interests will be powerless to prevent this; because there is no law on the subject, and because the “bootleg” listener would be stealing nothing.
The Adventures of Uncles Ben and Mike
No. 2
Their Holiday at McPhee's Farm

Mike thought he could milk
The Strawberry Cow—

And this picture shows
He didn't know how.

But at cutting the cake
He was better by far,

And "Uncle Ben" broadcast
Some pieces afar.

When washing up dishes,
Mike Settled a Heap,

But got in good graces,
Rocking Baby to sleep.

The mill wheel was explained
By Farmer McPhee,

And the "Professor" is asking
Who'll sleep with me?

"Uncle Ben" and "Professor" Fix "Uncle Mike's" bed,

And Mike "shoo"s the birds
On "Pro.'s" whisker's so red.

But "Ben" and "Pro." laugh
When Mike gives a shout.

Yet they all go to sleep
When the candles go out.
**What Is Wireless?**

_A very simple explanation written specially for the beginner who wishes to know a little of the why and wherefore of his set._

*(By "Forwen")*

What is wireless?

How many of us, when we talk glibly of the wonderful results we obtain with our sets, really know anything of the functioning of the set?

The average broadcast listener knows that he obtains music or speech from his loud-speaker, but never troubles to find out just what happens between the time the artist performs before the microphone and he hears the result through his set.

We know that there are wireless waves, but what are wireless waves? Here is a very simple explanation.

Wireless waves are disturbances or vibrations caused by the transmitting station which travel through the air at the speed of light—that is, 186,000 miles (or 300,000,000 metres) per second—in all directions.

![Fig. 1](image)

These waves are spaced a certain distance apart, and the length of the wave—or "wavelength"—is the distance from the apex of one wave to the apex of the next. This is illustrated in Fig. 1.

Now these waves have a certain frequency—or, in other words, they reach our aerial at regular intervals a certain number of times every second.

For instance, we know that 4GC's wavelength is 385 metres; therefore, we use the following formula to find the frequency of its wave.

\[
\text{Frequency equals} \quad \frac{\text{Speed of Wave}}{\text{Wavelength}}
\]

Or \[
\text{300,000,000} \quad \frac{\text{or}}{\text{385}} \quad \text{equals} \quad 779,220
\]

That tells us that 779,220 wave vibrations are reaching our aerial every second.

It is difficult to imagine, isn't it.

Many of us listened recently to PCJJ (Philips' station in Holland) broadcasting on a wavelength of 32 metres, and if we apply the above rule we find that the rate of their vibrations was nearly 100,000,000 per second.

Now these wireless waves are inaudible; that is, we cannot hear them. Mr. Brown talks to Mr. Jones. Mr. Brown represents the transmitting station, and uses his local chords and tongue to transmit wireless waves. These waves reach Mr. Jones' ear, which converts them into audible waves, and enables him to hear what Mr. Brown is saying. Now, if Mr. Jones' receiving set (his ear) is out of order, he becomes deaf and is unable to hear anything.

In Fig. 2 we can trace the whole operation from the transmitting station to the receiver.

This Sketch illustrates the various stages in transmission and reception as described in this article.
The carrier-wave is first generated by the transmitting station, and is quite even in its flow. Now when the announcer speaks through the microphone the wave is modulated and takes the shape shown in the second stage, the various irregularities being formed by the voice when pronouncing different words.

This modulated wave is transmitted from the station's aerial and travels at the speed mentioned through the air (third stage). When it reaches your aerial it has lost some of its power (according to the distance travelled). This is stage 4.

If your receiver has a radio frequency valve the wave is strengthened or amplified as shown in the fifth stage.

Now comes an important function—the converting of the waves from radio or inaudible to audio or audible waves, and this is carried out in the detector or sixth stage, and the wave takes the shape shown in the diagram.

We could now hear the words the announcer is speaking, but they are not loud enough, so we pass them through the seventh stage to further amplify or strengthen them.

The last or eighth stage is the headphones or loud speaker. Here the waves are passed through the diaphragm of the phones or speaker and we hear the voice.

In some sets another stage of audio amplification is used to make the waves still stronger.

Space will not permit of an explanation of the uses of the various component parts of our receiving sets, but this may be given in some future issue.

---

**SPEEDWAY MORE BROADCASTS.**

Listeners who were quite keen regarding the speedway broadcasts given by 4QG last season, will be glad to learn that arrangements have been made to link up the new Speedway at Davies Park with 4QG, and to broadcast descriptions of the motor cycling races regularly on Saturday nights, commencing on August 6th.

---

**QUEEN RADIO SETS**

*For Utmost Purity of Reception.*

Write or call for particulars.

**J. T. Greenlees & Co.**

Albert House, Ann St., BRISBANE.
Notes from 4QG

SIMULTANEOUS BROADCASTING.

A step in the right direction was taken by Stations 2FC and 4QG on the afternoons of Saturday, July 23rd and July 30th, when simultaneous broadcasts of the description of the big football matches were effected. The co-operation between the two stations enabled thousands of listeners to solve the short daylight range problem.

SIR ARCHIBALD BOYD CARPENTER.

During his stay in Brisbane as leader of the British Motor Traders Delegation, Sir Archibald Boyd Carpenter, member of Parliament for Coventry, England, was broadcast several times by Station 4QG. Sir Archibald Boyd Carpenter is an excellent speaker, and listeners in all parts of the State have written the station favourably commenting on his speeches.

SUBSCRIPTION FORM

PLEASE FORWARD copies of "The Broadcast Bulletin" to me weekly for a period of twelve months, for which I enclose for 9/6. (Exchange to be added to country cheques.)

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... THE MANAGER.

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The Read Press, Ltd.,
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DIAMOND DRY CELLS MAKE GOOD SETS BETTER.
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A new power Radiotron, designed to operate loud speakers at considerable volume with a minimum of distortion. Intended for use in the last audio stage only.
Price, £1/15/-

RADIOTRON UX 112.
A new power valve similar to the familiar UX201A, but several times as powerful. For use as last valve in accumulator operated sets. Will deliver far more energy than the average loudspeaker requires. Two of these valves will give exceptional results.
Price, £1/15/-

RADIOTRON UX 200A.
A wonderful detector of great sensitivity. It is an alkali vapour valve, and employs a new type of filament. One point of great value about this valve is that both the filament and plate are non-critical.
Price, £1/10/-

THE equipment is as important as the set. The range of a set depends a great deal on the valve in the detector socket. The over-all performance of the set depends very much on the valves in every socket. The Volume and Tone quality you will get are dependent on the valve in the last audio stage. On every point the valves are as important as the set, and everyone who realises this insists on genuine Radiotrons. Look for the Genuine Radiotron Seal.

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<tr>
<td>UV-199</td>
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