

FRIDAY,

JULY 30, 1937

Wireless Weekly

Vol. 30.

No. 5.

3^d

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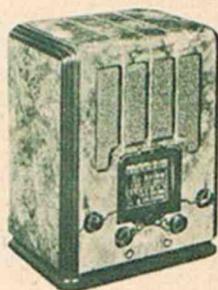
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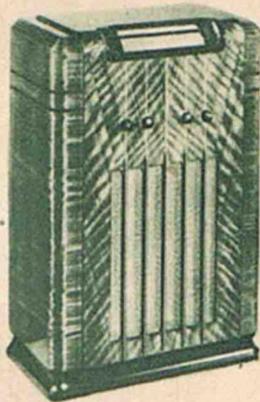
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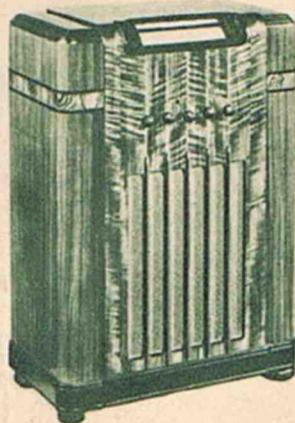
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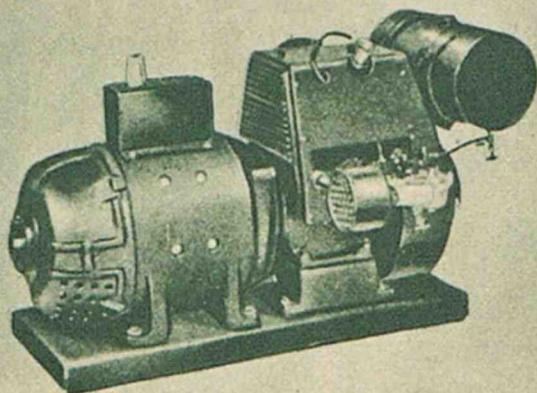
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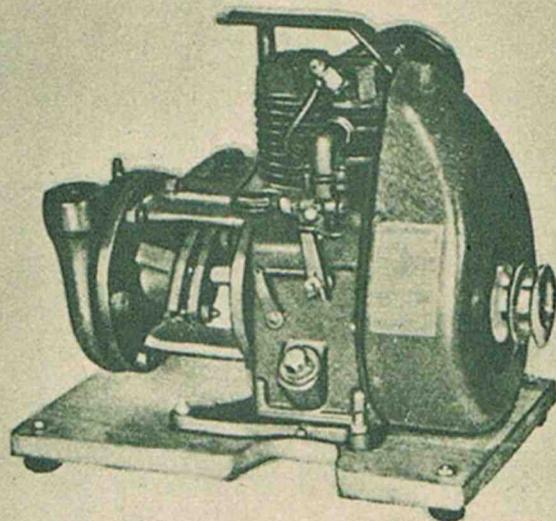
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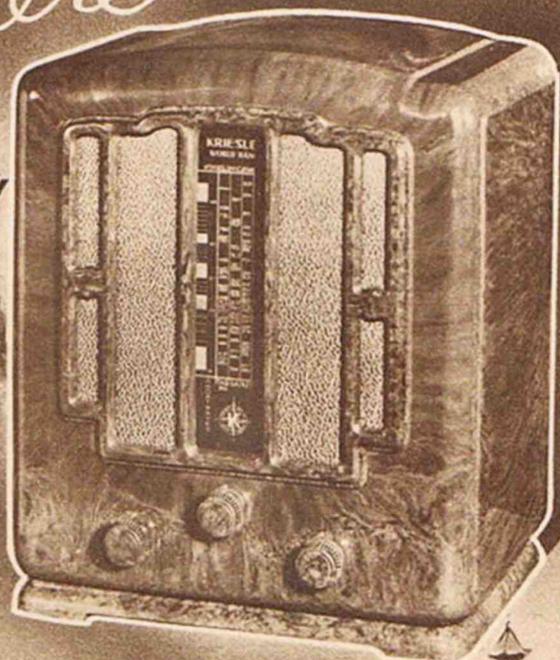
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IVY *L*AWFORD

Known to listeners as "Aunt Ivy" of the 2UW Children's session, nightly conducted by Uncle Tom Hudson. Birthday calls, dramatic roles and story readings are part of her job—not to mention making the small broadcasters feel at home when they come along to take part in the plays that Uncle Tom writes for them.



Thora Lumsdaine, daughter of the 2GB Radio Rascal. She has broadcast a song or two in the Radio Pie programme, and, if her voice matches her looks, well, here's hoping we hear her again.



And the vocalist of the Armstrong combination—Darcy Frost.

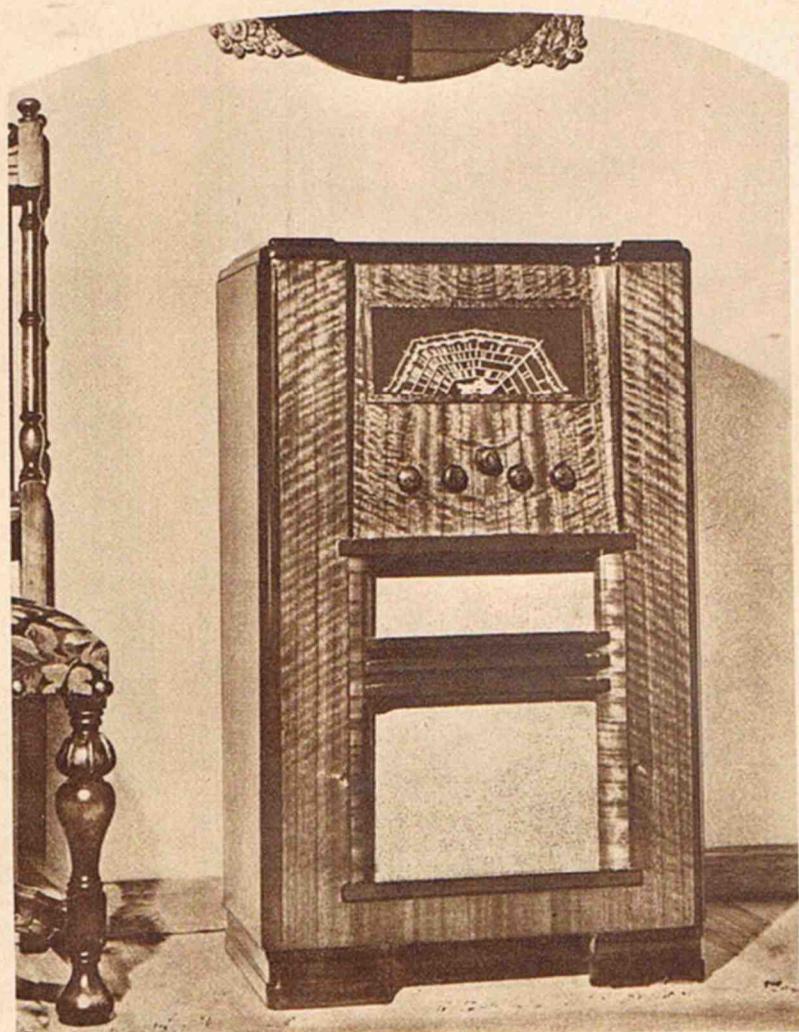


2KY now presents George Armstrong's Cabaret Band, Tuesday afternoons at 3.30. George Armstrong at the mike.

BETWEEN BROADCASTS



Geoffrey Jackson (with assistance from Joan Allan) going through the votes recorded for the entrants in the Piano Eisteddfod, 2UE, Monday and Wednesday nights, at 8.45.



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Wireless Weekly

SYDNEY: Friday, July 30, 1937.

MARCONI

CREDIT is always given to Maxwell and Hertz for their earliest experiments and theorisings about sending electricity across rooms; the main point about Marconi is that as soon as he saw what could be done with out-door transmissions over a mile or so, he went straight to the English patent office and patented wireless telegraphy in 1896, forming the Wireless Telegraph and Signal Co. in 1897.

To see the greatness of the man, we have merely to consider what it would mean if we could go and put a patent on wireless telegraphy now; millions and millions of capital, wireless devices on land, at sea and in the air; home and overseas broadcasting systems; automatic weather reports; beams guiding aeroplanes home; long waves, short waves, ultra-short waves and micro-waves; television: these are only a few of the matters which our monopoly would cover; and these things which we see and take for granted now, Marconi saw and took for granted then.

That is what always detracts from the public appreciation of great men; their creations are taken for granted; the early theories of Bernard Shaw which shocked his generation do not shock ours, because those theories have formed our generation; in the same way, Edison has left his mark on society, modifying old forms of life and moulding our lives into new forms; and so Marconi is in this same class of individuals who have changed the world by altering the conditions under which it works and plays.

Because we are such early products of his work, it is hardly possible to say what effect his inventions will have on world history; few inventors can control the use of their inventions; but it is enough to say about Marconi that his own interest was used for good, and to increase the power and happiness of all humanity.

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MUSIC CRITIC

A BRUCKNER SYMPHONY

In a recorded session (and therefore the whole music half a note sharp and too fast), we heard Eugen Ormandy, who is considered as the "coming man," as Schneevoigt tells me, conduct Bruckner's Seventh Symphony. As Bruckner is neglected in Australia, we are glad to hear some of his music on the gramophone. That this music is amongst the world's greatest cultural treasures, is now recognised in all civilised countries. Ormandy, holder of America's Bruckner Medal, gives a perfect interpretation with the Minneapolis Orchestra. In contrast to Carl Boehm's recording of Bruckner's Fourth, Ormandy brings out all the infinitely deep contents, which to find only people succeed who try honestly to get behind Bruckner's secrets. Bruckner is the noblest and best representative of Romanticism in music; he has carried it far beyond Schumann and those around him.

Being convinced that many a serious music-lover may make the same experience as writer of these lines, I recommend this recording: When I heard this symphony first, in 1920, I found it too long and tedious. I heard it again and again, and gradually my resistance disappeared, and made way to a deep-felt adoration for Bruckner's music. Nowadays, with the help of this recording other people may have it easier.

THE BUDAPEST QUARTET

The four gentlemen gave a recital in the Conservatorium Hall. It seemed to me as if I heard them never before play with such intensification. The tension was so great that their programme seemed not to contain any danger at all—and yet there was one which, if less devotion to their playing would have been applied by the artists, might have been serious: The three works were in G Major, G Minor, G Major, a feature which might easily diminish the interest of the musical ear, without the listener giving account to himself of this fact conscientiously.

The playing of Beethoven, I dare say, suffered even a trifle from this tension, it was not easy enough. The Debussy quartet was played with dramatic vigor, and I leave it to personal taste if dramatic vigor or inner emotion which shows itself only in subtle rippling of the surface, is the essence of Debussy's style. The Schubert was played with such perfection that for the first time I did not feel the length of this work, which is a severe test for artists and audiences alike. The extra was the Scherzo from Beethoven's Opus 18, 1, which was rendered at a terrific speed, so that the second subject, with its Slavonic mood, could not get sufficient prominence. This time, the pitch was not half a note sharp, which feature contributed to my enjoyment.

TITO SCHIPA

sang over the air. A perfect voice, with a perfect production, no wish in this direction remaining unfulfilled. The Don Giovanni aria followed closely to an item by Longas, I believe. Schipa is a singer after the heart of large crowds. My readers will pardon me that I confess to give preference to Lotte Lehmann.

CARL GOTSCH

gave his second luncheon-concert for some friends, in his studio, which is picturesquely appointed with Balinese art-treasures. We heard the Pijper Trio again, which made still a greater impression than at the first hearing. Leonore Gotsch sang items by Casella and Castelnuovo-Tedesco. Mr. McMahon played with Mr. Warbrick, another of Hindemith's sonatas, from his Opus 11. This one, in comparison to the one played by Huberman, shows still less of the composer's later style. I called it Brahms's Opus 220. I have to thank Mrs. Gotsch for the best pea-soup I've eaten for some years; somebody suggested that Mr. Gotsch should charge a small sum to cover his expenses, which he declined, so far. But why? Then these meetings could become a regular feature, and should be tremendously popular.

CONTEMPORARY MUSIC

arranged by Roy Agnew, was represented by a piano-sonata by Ireland, played well by Ernest Empson. This sonata is another example of a certain type of works, sleek, with quaint chords, and a retrospective trend, but without real greatness of thought. Many works of this tendency have been composed since the beginning of the century, their

number being in reverse proportion to their significance. We appreciate Roy Agnew's idea to make Australian listeners acquainted only gradually with "contemporary" music, but think that he is too careful with his selections. He has promised the "Pierrot Lunaire," by Schoenberg, a long time ago. For the time being, we have heard other, less important works, some of which were composed, like Schoenberg's work, in the 'teens of this century, but have since lost their significance. I cannot remember, however, if works by Arthur Benjamin, the Australian, have been presented; works which found their way in the last few years into the concert-halls of Europe and America, have hardly been introduced. I have always given my full support to Roy Agnew's session, but think that he will agree with me if I say that the time has come to present more recent works. What about Berg's violin-sonata?

TUESDAY NIGHT'S VISITING ARTISTS

Bronislaw Huberman and Jakob Gimpel opened the concert with Respighi's Sonata in B Minor. We got by the announcer in Melbourne some dates of Respighi's life. As far as I could hear, he omitted to tell us that the composer died last year.

I have heard the violin-sonata several times, and must confess that its architecture becomes clearer and clearer, and my interest is dropping more and more—which is naturally a matter of personal taste, but I cannot help not liking Respighi. The interpretation was wonderful, but this goes without saying. I am only sorry that Huberman was placed apparently too far from the mike, so that the balance was too much in favor of Gimpel, who was marvelous. Nobody of my readers will have any doubts as to what I'm thinking about Huberman. Thus I hope not to invite misunderstandings when saying that I prefer to hear him in the concert-hall: it seems that something of this wonderful personality is lost over the air. I noticed it also in the Bach.

The Budapest Quartet gave its farewell recital in the Conservatorium. Over the air, we heard the Mozart Quartet in D Major (without the wrong pitch, thanks), which was played exceedingly well. We wish to the four artists a happy journey to New Zealand.

Between this and the next visitor, we heard among other light music on records, also the Glow-Worm Polka, for harp solo.

Benno Moiseiwitsch played in Brisbane partly Liszt versions of Wagner and other composers, partly Liszt. His interpretations were again sugary, with lots of rubati. His technique is phenomenal, one cannot deny it. I switched off after the third bar of "Liebes-treume."

—CURT PRERAUER



SCHNEEVOIGHT

By
ISABELLE
GRACE



BROADCASTING Gossip

CHARLIE LAWRENCE

"I MAY be stationless, but I'm not stationary, said Charlie Lawrence over the phone, when we asked his plans now that he has resigned from 2UW. So maybe that means it won't be so long before Charlie is back on the air with another Sydney station.

DISCOVERY

JOHNNIE MARTELL, the clever exponent of the piano-accordion, who has been entertaining 2KY listeners for the past five months, is now touring the main country towns in New South Wales. His break into radio was a result of the excellent performances he gave at the Assembly Hall during the 2KY Coronation Players' Quest trials, and since then his services have been in great demand. Johnnie's return to radio will be worth looking for.

THE GEORGE EDWARDS

NELL STIRLING is back from a week at Bowral, and very pleased, too, with the spanking new car that husband George Edwards has purchased.

OFF DUTY

ANNUAL holidays for Charles Stanley commence on August 2, so don't imagine him ill when his cheery personality is missing from the mike. He will be away for a fortnight.

GOING AWAY

WONDERING whether "Judith Ann and her Uncle John" will be discontinued as an A.B.C. feature when Anne Gordon sails for England in September? Or will they find a new "Judith Ann"?



Ernest Bennett-Bremner.

NEW ANNOUNCER AT 2CH

QUITE a lot of excitement at 2CH the other day when Ernest Bennett-Bremner, who hails from Melbourne, arrived to join the announcing staff of that station. In the southern city he was one of the Australian Broadcasting Commission announcers, and was given a great send-off by the Commission's Melbourne staff. This latest addition to the Sydney radio circle has done several things besides broadcasting. For a time he was a freelance journalist, and later was attached to the R.A.A.F. Wireless Division at Point Cook. Later still he was given sole charge of the Swan Hill station, 3SH, where he literally controlled everything, wrote his own copy, continuity, and announced! In his "spare" time he edited a Melbourne fashion magazine, and feminine listeners will be interested to know that he has a decided flair for feminine chic. His prophesies on future fashions were always something to be reckoned with! Mr. Bennett-Bremner, listeners will also be interested to learn, is a brother of Marie Bremner, known for her successes on the J.C.W. stage.

AMATEURS

FULLER details of the big 2KY Amateur Quest to hand—On Wednesday, August 4, the winner of the Tivoli contest will be announced and formally presented to the Sydney public at the Assembly Hall, Wynyard Square. The prize to be won is a two weeks' engagement at the Tivoli Theatre at a salary of £10 per week. Another of the grand finalists will be selected as the winner of a further prize—a week's engagement at the Trocadero, at a salary of £5 per week.

August 4 writes finis to the Tivoli contest. The following Wednesday, August 11, sees the commencement of the Hollywood Quest. Entries are already pouring in for this new series of trials, which offers a free return trip to Hollywood, £5 per week whilst travelling on the boat, £10 per week for six weeks' stay in Hollywood, also a screen test, by arrangement with Universal Pictures. No entry fee!



"Shall we dit?" say Mr. Bright and Mr. Breezy, and proceed to set the news to melody from 2UW each morning at 8.15. Recognise Cyril James and Vernon Lisle?



Joan Read, whom you hear on the 2CH afternoon programme.

MEANDERING

CAPTAIN BAIRNSFATHER is now presenting a session of "Meandering with the Mike," at 2.15 on Mondays, and at 2.10 on Thursday and Friday afternoons from 2KY. This has replaced the reading of the afternoon story, and the talks, which are based on first-hand information, draw word-pictures of lands across the sea. Fitzpatrick Travelogues are more than popular on the screen, so on the air, journeyings, brightly presented, should go with a bang.

TAPS AND TIPS

FRANK HAYES, that eligible bachelor who has recently joined 2UW's sporting staff, is a dance enthusiast. While in Melbourne he won scores of competitions, and has 15 admirable cups with his name inscribed on them. He not only excels in ballroom dancing, but is an excellent "tapper," and is often seen tapping his way around the studio just because his "spirits are high and the weather is fine." You see, Frank comes from Melbourne!

TRUMPETER

FREDDIE WEBBER loves to blow his own trumpet, speaking literally. And he's a first-rate trumpeter, too. But everybody seems leagued together to make him concentrate on his tapping feet and putting over gags as in the 2SM Radio Revue. But he got over the difficulty at rehearsal the other night by ad libbing a few lines as introduction, and snatching up the instrument that reposed nearby. It was so neatly turned that John Dunne at once o.k'd it for inclusion in the show.

HARD WORK

A BROADCASTER who believes in comfort first is Jack Davey—evidenced by grey sports trousers and sports coat for "on the job." When we saw him the other day, he was looking a wee bit weary, so maybe he's been in the throes of evolving another session for "The Two Jacks" or for "Dill and Daffydill." John has one of the toughest jobs the radio game can hand out—preparing what amounts to an hour of gags and wisecracks per week with those sessions we mentioned above. That's, of course, without all the unprepared brightness he diffuses at the mike. He admits the going is pretty tough at times, and you can't, he says, bag the copy out of books or magazines in case some other broadcaster already has.

KNITTING

DESPITE the fact that entries in the 2KY Knitting Competition do not close until September 25, infants' hand-knitted garments are already commencing to reach Esme Williams. A juvenile section, which invites entries from children under the age of (a) 16 years, and (b) 10 years, has now been added, both sections carrying first, second, and third prizes. Juvenile competitors will also benefit by the special prizes to be given for the greatest number of entries received from one competitor. Pamphlets giving details are now available from 2KY. Members of the 2KY Home Session Club visited Scarba Home last week, to the inmates of which all entries in the 2KY knitting competition will be given.

WEIGHTY

DURING his stay at the Griffith station, Cyril James put on two stone in weight, and now he's wondering how he can return to that original 12 stone.

May we refer him to Cyril Angles, who is looking a picture of bounding health, and much thinner, too. The prescription is an hour or so per day spent in the "gym."

VISITING

MR. and Mrs. Robert Strother have been busy this last week entertaining daughter Dorothy (Mrs. Jack Wolfe), who is on a short holiday from Bowral. Maybe it's the visits Dad returns to the mountain resort that keeps him always so chirpy.

WORTH TRYING

JOHN DUNNE saw "The Great Hospital Mystery" and has decided that his favorite film star is the girl who stutters and hits her jaw with her hand. So if you resemble the lass and can put over her act, it might be an idea to call on Mr. Dunne and ask for a job.

HOW ABOUT GOING ALONG?

MYRA DEMPSEY is putting all her enthusiasm (and that means enthusiasm) into the organising of an Appreciation Night to Ned Astor, well-known stage star and teacher (used to be known as "The Male Tetrastini"), who is now ill and in St. Vincent's Hospital. The function is to be held at the Chicken Inn Mural Ballroom, George Street, on Monday, August 2. Tickets are 3/6 each, obtainable at Nicholson's. Jim Dunleavy's Band, we hear, are giving their services, and with a whole list of popular stage and radio folk rallying round, the evening is sure to be a success. Enthusiastic helpers include Goodie Reeve, Nell Fleming, Ronnie Morse, Estelle Rose, Alec Kelleway, John Harper, Jan Kowsky, Nellie Small, Rita Pauncefort, Eric Howell and Leon Marini (of the Row Street Players).

MISTAKEN

THE laugh was on Noel Judd the other morning when he took one glance at the clock, dashed out of bed and started to shave. Then he realised that it was Sunday and his morning off duty as co-worker in the 2GB breakfast session.

WELL WRITTEN

DOES a man or a woman write more sympathetically of women? William Power, B.S.A. dramatist, votes in favor of men, and maybe the best proof of all is the series, "Leaves from a Woman's Diary," which now come from his pen. This clever feature is heard from 2GB and 2UE every Wednesday night at 9.0.

BIMBO

BIMBO was heard back on the air—this time, from 2UW. It was the Community Singing on July 20, and the phone has been kept busy with folk wanting to know whether this is to be a sustained "come back." No details yet to hand.

Broadcasting Queries

"Listener In" (Coolah): (a) Who takes the part of Uncle John in the session with Judith Anne? (b) Is George Edwards featured in "Dad and Dave" and who are the other characters?
(a) Charles Wheeler. (b) George Edwards plays Dad; Loris Bingham Mum and Nell Stirling Mabel.

E.L. (City): (a) Was John Dunne's wife ever an announcer at 2SM? (b) Is it Mr. Kerry who judges the children's amateur hour on Saturday afternoons; when does he give his piano recitals and has his picture appeared in "W.W."?

(a) Bessie Dunne conducted the afternoon session some time ago. (b) Yes; piano recitals, Fridays at 4.15. Full-page roto portrait appears next issue.

Dora (Boorowa): (a) How tall is Jack Lumsdaine? (b) Does Capt. A. H. Davey broadcast from the A.B.C.?

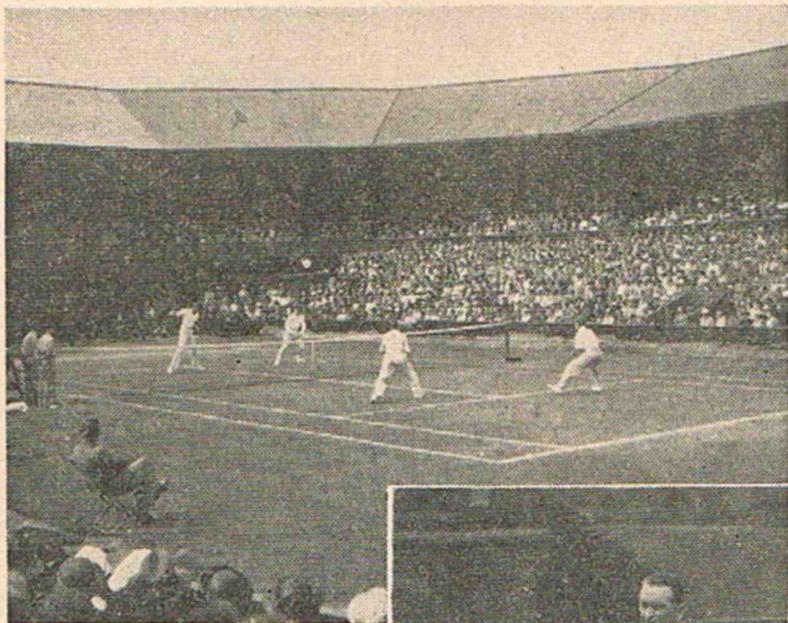
(a) Should say about 5ft. 10. (b) The A.B.C. tell us that they have at present no further dates fixed for talks by Capt. Davey.

J.P. (Penrith): (a) Is Ken Layton married? (b) Is Warren Penny still announcing?
(a) Yes. (b) No.

WIMBLEDON TELEVISED

AIR MAIL REPORT FROM LONDON

By G. V. BLUNDEN



FOR ten days the world's greatest tennis stars won and lost games, eliminating one another in the struggle for championships at Wimbledon: Budge, Von Cramm, Crawford, Helen Jacobs, Dorothy Round, all the famous players were there, and, as usual, thousands rolled up to see them; the centre stand was packed throughout the day, and if you wanted a ticket you had to get there at 8 a.m. But this year anyone could have seen the show without paying a penny of entrance money.

Wimbledon, 1937, was not only on the air, as in previous years, but it was also televised. Special cables were laid to the centre stand, where all the big matches take place, and for a regular session every day play could be seen. A special feature was the game between Jack Crawford and G. Von Cramm, one of the greatest games ever played at Wimbledon, according to some authorities.

Distinguished Visitors

ATTENDING EDUCATIONAL CONFERENCE

FROM the beginning of August and continuing for a period of six weeks, the National programmes will include talks by a number of distinguished men and women who are visiting Australia from all over the world to attend the New Educational Fellowship Conference. They will speak on their various topics.

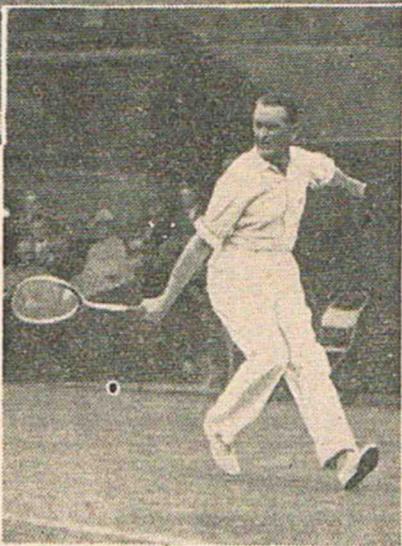
The following are some of the talks arranged to be given by these visitors:—

Monday, August 2, 2BL. 7.0 to 7.20 p.m.: Dr. E. G. Malherbe, Director of the National Bureau of Education, Pretoria, will speak on South African problems—the conflict between black and white, and between British and Boer.

Tuesday, August 3, 2BL. 7.0 to 7.15 p.m.: Mr. E. Salter Davies will speak on educational reform in prisons. A very topical question at the present time.

Wednesday, August 4, 2BL. 7.0 to 7.15 p.m.: Miss Helen Simpson, our well-known Australian author, who is on a short visit to Australia, will give a general literary talk.

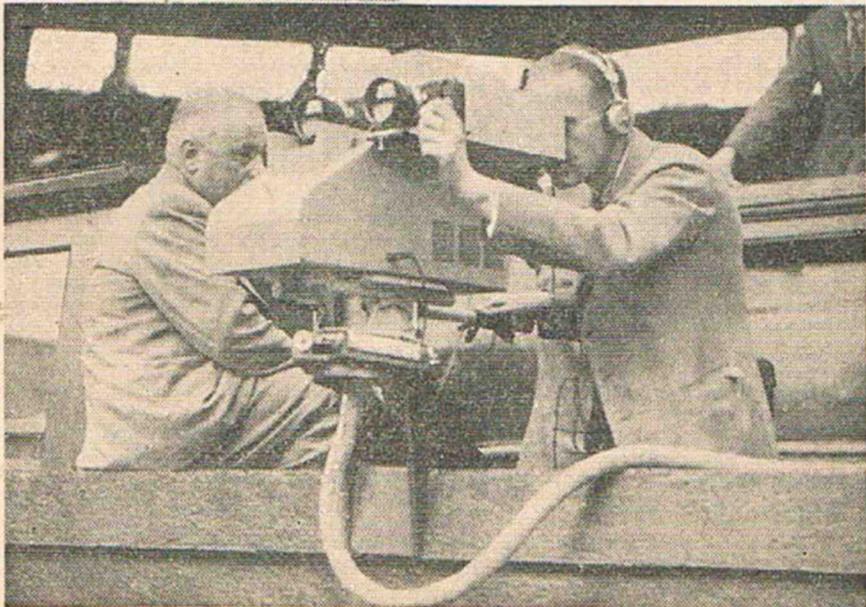
Thursday, August 5, 2BL. 7.0 to 7.15 p.m.: Mr. Arthur Lismer, from Canada, will talk about "Art and Leisure." Mr. Lismer has introduced most interesting ideas and innovations into the conduct of the Toronto Art Gallery, and has made art a very live question all over Canada.



Top: A general view of the play, from a snap taken by our editor's pocket camera.

Left: Jack Crawford in action.

Below: The B.B.C. television camera "picking up" the game.



2FC'S CONNECTICUT YANKEE

New Women's Sessions

MRS. EMERSON CURTIS, to be mentioned hereafter in the 2FC Women's Sessions as Mrs. Ruth Curtis, is to be in charge of 2FC women's sessions from August 2 onwards; the sessions to be widened to from 10.0 till 11.15 a.m. Connecticut Yankee, Mrs. Curtis is, English and Irish parents; but mostly brought up in California; and there, still a girl in her teens, she began on a newspaper.

"They gave me a question-box column, something like Dorothy Dix; the first week the reporters sent in about eight questions; next week about twenty questions arrived; then they worked up to about 150 a week, the most intimate questions; I had to get an assistant; but it was very good training. I ran a woman's page, and later did all the dramatic and musical criticisms except the girl shows—the managing editor did them, and met a great many musicians and actors. Madame Schumann-Heink was a great friend of mine; Eugene Ysaye, the Belgian violinist; Kreisler, Paderewski, Kubellk.

"Then I began writing scenarios for films, and was sent to England to help Phillips Oppenheim with a scenario—there I learned to use a knife and fork; Americans, you know, use forks only, cutting up everything into little pieces as though for children."

"How did you get on with Oppenheim?"

"Very well, after awhile. He had not been too pleased with the idea of collaborating with a woman; especially an American—the only American woman-writer he had met was fat, forty, and prepared for dinner by bumping the ends of her knife and fork on the table; I was still very young, and he was surprised when I got out of the train in the country. So was I; he was tall, stocky; a real English squire in tweeds and cap; most courteous, most charming. I was working with him about four months."

"How does he work?"

"Dictates to a girl at a typewriter; he had had the same secretary for about twelve years. He starts at 9.30 in the mornings, dictates till one or 1.30 p.m.; then goes out and plays golf or whatever he likes. In the evening he goes over the morning's typescript, makes a few alterations, and gives it back to the girl. He said that he never feels he is working, except when he is getting a theme and a plot.

"While I was in England, I went to see Ysaye; when he came to California, he always stayed with my uncle, who had the world's second Stradivarius—the 'Emperor.' At that time he was a refugee in England; his Belgian estates were ruined, and his son had been killed at the war. Everyone was out, and I was shown into his studio where he taught, a long dismal room papered in dark blue. After some time he arrived, and said, 'You wished to see me?' I said, 'Don't you remember me?' He said, 'Should I remember you?' I told him certainly he should, and took off my

big hat, and he said, 'Ah! California!' and put his arms round my neck and kissed me; I reminded him of the Californian sunshine in that gloomy world, and he was delighted, and we went down to tea with his wife and daughter-in-law."

"Meet anyone else in England?"

"Max Pemberton; I knew him very well. Sir James Barrie; I sat next to him at a dinner; I was young enough to want to impress him, so I had thought up a lot of clever stuff to turn on; I turned it on, and he grunted and went back to eating; then I turned it on again, and he gave another little grunt—a most uncommunicative man.

"When I got back to New York—I was still with Universal Films—I was given the job of chaperoning a train of 65 competitors in a film beauty contest from New York to Hollywood; of the 65, there were four younger than I; the rest were older. So I dressed in a severe, dark-blue coat and skirt, with a very masculine hat, and looked severe. One of these girls was Lois Wilson, a charming girl."

"Was it hard work?"

"You've no idea how hard. All beautiful girls, and all of them very much girls, but some of their methods were extremely crude. There was a chewing-gum girl, used to be a telephone operator; she explained to a welcoming mayor who asked if she were enjoying the trip: 'Mahvellus; pairfectly mahvellus; ai have been brought up in a Cahnvent ahl mai laife, and this is the first talme ai have seen the world; it is just too, too mahvellus!'—it is the chewing-gum girls you remember, isn't it? The smooth people you hardly remember at all."

"And then you went back to scenarios?"

"I had my own company at Universal; I was directing. About the only other woman director was Lois Webber. Yes; silents; I made one, two and three-reelers; three or four fives. Most of the actors you wouldn't remember; but Jean Hershoit was lead in one of my films, and Jack Mulhall. Everyone on my staff was older than I, except my property-boy, and I wouldn't have had him, only his mother was an actress, and begged us to take him on. And you know who he was? Henry Hathaway, who produced 'The Lives of a Bengal Lancer.' He deserved to get on; he would sit up two nights a week studying to get a scene right; North Africa, for instance, for a Morocco picture; he would get all the books on it, so as to get



Mrs. Ruth Emerson Curtis.

it right. Once they gave me a film to make over, and we could only use the actors nights and Sundays; we worked 72 hours straight, twice in three weeks—three days and nights on a job."

"Did you like living in Hollywood?"

"It's glamor was very much overrated when I was there last, about ten years ago; but I didn't go about so much with actors; my friends there were mostly musicians and doctors; I like surgeons for some reason or other, and I used to get time off to work in children's hospitals. I think the high salaries make life very unreal there. And the tempo is terrific. I joined Metro before the Goldwyn-Mayer amalgamation as assistant director of productions; I had to check the sets; no one could strike a set unless I signed the order. I had to see an average of 27,000 feet of film a day to be sure the film covered the story. Well, the salary was enormous; it was equal to the job; but after seven months it was too much of a strain; so I left. About then I was married, and we came out here."

"Is your husband the Emerson Curtis that designs modern interiors?"

"Yes; he draws and I write. He's to have eight pages in the 'Home' soon; leading characteristics of Australian cities. Industrial art, he likes. Soon he is to bring out a book, 'Australia at work.' He is English; we met in America."

They live at Gordon with their twelve-year-old daughter, who shares her

(Continued on Page 43)

TURNTABLE TOPICS

A FORTNIGHT ago Brahms's Second Symphony was reviewed on this page. In this issue an important recording of the Beethoven "Seventh" is to be discussed. And as these gramophone notes are intended for the average music-lover rather than the professional musician, it has occurred to me that a short account of the development of the symphony would be of interest to many people.

THE ORIGIN OF THE SYMPHONY

To the music-lover there is absolutely no point of resemblance between the symphony and opera. Yet it is a fact that the beginning of the symphony must be looked for in early Italian opera. In the 17th century the "Sinfonia, avanti l'opera" preceded the opera itself, being in fact a kind of overture. It consisted of one movement only, divided into three or four sections of music, each with a different tempo.

Apparently theatre audiences were indifferent to orchestral overtures in those days. They doubtless ate oranges, talked scandal, or told each other the latest anecdote, and altogether filled the theatre with such a babel of sound that it was quite impossible to hear the efforts of the perspiring musicians down in the pit.

Yet the idea of the composer was to provide an attractive piece of music to stimulate the audience into a receptive frame of mind before the opera started.

Naturally, composers who took a pride in their work, soon found this state of affairs rather trying. About that time the orchestra was just coming into its own, and as composers did not want to give up writing Sinfonias they had to devise a method of ensuring a hearing of their work.

THE BREAK WITH OPERA

This they did by writing Sinfonias that were entirely independent of stage music, and so less liable to be "talked down" by an ill-mannered crowd. These Sinfonias were in fact to be performed in a concert room, or ducal salon and not in the theatre at all.

Thus a cleavage was brought about in the styles of the composers of the period. Some still wrote purely operatic music, whilst others favored the concert-room Sinfonia, and from then on the development of music along true symphonic lines was only a matter of time.

EARLY STRUCTURE OF THE SYMPHONY.

The three or four movements of the symphony (as we shall now call it) became firmly established, and for a long while its structure remained unaltered. There was a long adagio-allegro, followed by an equally long andante movement. In most cases the cumulative effect of these first two movements



Gregory Spencer

was to lull the bewigged patrons of the symphony to sleep. To wake them up, and rouse their interest anew, there followed a stately minuet, and to make certain that they stayed awake, a final sportive presto ended the work.

HAYDN AND MOZART

Haydn arrived on the scene when the symphony was still in the overture stage, and wrote over a hundred works in this form. Of all the musicians he was the happiest, and his symphonies are masterpieces of wit and good humor. He turned out his symphonies in a seemingly endless stream, but with a spontaneity and freshness that increased with each new work. Haydn has been rightly called the "Father of the Symphony," as more than any one else, he fixed its form, and gave it its present high place in music.

Mozart often discarded the slow introduction so beloved by the early symphonists. Without hesitation he would plunge straight into his main subject. In Harrison's words Mozart had a genius for "perfect melody, developed contrapuntally with the deepest feeling and skill, and with the loveliest instrumentation imaginable."

BEETHOVEN

Haydn had developed the form of the symphony. Mozart had brought to it a grace and perfection of finish peculiarly his own. Then followed Beethoven, a giant figure, sublime and aloof, with an entirely new conception of the symphony, daring enough to impress upon established and accepted form the print of his own will and thought. He

gave to the symphony a new richness of expression, and achieved a perfect balance beneath emotion and form.

But for one exception he discarded the old minuet, and substituted the scherzo, which gave him an outlet for his original and vigorous humor. He expanded, and gave strength to, the accepted forms, which he regarded with respect, and he made them serve his own purpose.

It is rather amusing to note that a critic of the day, nettled by Beethoven's calm disregard for certain musical conventions, said that the First Symphony was "the confused explosions of the outrageous effrontery of a young man!" Yet by the time the Third Symphony was written, the critics, outraged as usual, were pointing back to the first as a model symphony!

SOME RECENT RECORDINGS

DB2986-90. SYMPHONY No. 7 IN A MAJOR, OP. 92 (BEETHOVEN). TOSCANINI AND THE PHILHARMONIC SYMPHONY ORCHESTRA OF NEW YORK (H.M.V.).

Here we have perhaps the finest performance of this work ever recorded. Toscanini gives a highly personal reading, and obtains a vivid and vital performance. The dynamic intensification is tremendous. The listener's attention is caught and held from the opening bars, and throughout the symphony is never allowed to relax.

Beethoven once referred to the Seventh as his greatest symphony, and perhaps no one of the other "Immortal Nine" has evoked more attempts at interpretation. Having regard to the rhythmical characteristics of the symphony, the most reasonable interpreta-

(Continued on Page 43)

Between You and Me and the Microphone

FUTURISTIC

SO I said, "All right, if you're going to take it that way I'll sell out."

I pressed the button. My secretary came in. She works in a little room off my office because of the £20 kiss case; she understands quite well that if she ever again comes into my office and kisses me behind the ear and calls me Doodlebugs in front of the assistant cashier—bold as brass—"Doodlebugs," she says, "should I say 'if he was signing the contract' or 'if he were signing the contract'?" I said, "Miss Bagges, if ever this disgraceful happening is repeated I shall rush out to the nearest policeman and you will be fined £20; £20, Miss Bagges—do you know what twenty pounds is?" "Of course, Doodle," she said; "the price of the last fur coat you gave me." "Twenty pounds!" I shouted. "It cost sixty-five guineas!" "That's what you told me," she said, "but the shop said twenty pounds when I went round to price it." I turned to the assistant cashier; he said, "Perhaps Miss Bagges inquired after the winter sales had started." "Perhaps, perhaps, Mr. Tring," I said; "we are always grateful for any suggestions the staff has to offer; and now, of course, you have more important business elsewhere." Having handled his presence and departure with that tact and dignity which is so necessary in big business, I turned back to the matter in hand. "Now, listen here, lovey," I said, "it wasn't a penny under sixty-five guineas; you know your old Doodlebugs well enough—"

She knew me well enough; but you are anxious to hear my story:

I pressed the button. My secretary came in.

"Miss Bagges, send Bill in," I said. Bill came in.

"Bill," I said, "tell the Manager of the Investment Department I want to see him."

The Manager of my Investment Department came in.

"Roosevelt," I said "who is in charge of my Useless Securities?"

"Jefferson, sir; a very smart chap, sir; he should go far."

"What is his first name, Roosevelt?" I said.

"John, sir."

"Would you mind telling him to see me."

"Not at all, sir."

"Thank you. I shall remember what you have said about him."

"Yes, sir; he should go very far indeed."

"There's a place for a good man in our Perth office," I said.

"That would be a step in the right direction," Roosevelt said.

"Then ask him to come and see me"

Jefferson came in.

"John," I said—in big business it is always good to remember the first names of your staff; it saves bonuses—"I want you to sell all my holdings in Consolidated Revenue."

"Yes, sir."

"Well, what are you waiting for?" I asked.

"You will pardon me, sir; I don't wish to intrude, sir; but have you calculated the consequences?"

"Yes?"

"The Government will fall, sir."

"And I will make money."

"The Stock Exchange will stagger under the blow, sir."

"And I will make money."

"All the large investors will be ruined, sir, and you know what that



Always merry and bright—2GB's Alf Russell of the ever popular Russell and Morgan act.

will mean to you socially—the Horderns and the Kellys will cut you."

"But I will make money."

"And the small investors, the retired old people who have trusted their life-savings to people like you, will have nothing."

"Money; money; I will make money."

"And the widows of suicides will curse you, sir, and the unemployed will spit when your name is spoken, and the grief of orphans, sir, will be bitter tears at your funeral."

I laughed lightly: "Desist, desist," I said; "I am set on my course; I am going to go on making money."

"Well," he said, "if that's how you feel about it, that's how you feel about it; don't let me dissuade you, sir."

"That," I said, "is how I feel about it."

"Yes, sir."

"Well, what are you waiting for?"

"If it's not presumption, sir, you seem a bit bitter about it; what makes you so bitter in the midst of all this splendor?"

"John, I will tell you," I said. "When I was young I was a poet."

"But that was long ago, sir; surely people have forgotten about it by now."

"They never knew, John—not enough people knew, that is. And my one ambition was to write a play in verse; and then have it put on the air. I had everything ready; a new box of the typewriter paper, a new ribbon in the typewriter, and a folder to bind it in, when along comes this Kenneth MacKenzie."

"Not Sir Kenneth MacKenzie, sir?"

"That's what he is now. Comes to Sydney over from Perth. In two or three years he gets married, publishes a long poem with illustrations by Norman Lindsay, gets a novel accepted by Jonathan Cape, and gets a verse-play accepted by the Commission, by which time he is halfway through a new novel—"

"And what were you doing all this time, sir?"

"I was thinking out my play, John."

"And so, sir—"

"Sunday, August 1, 1937; they put this verse play on from 2FC—twenty-five long years ago, John; what a facility he had with a five-beat line even then, John; he could pull out all the stops, twist it into dialect—do what he pleased with it, even in a piece about Shakespeare's youth; and no effort—he just wrote it off line by line like a letter."

"Yes, sir; but what bearing had this—"

"I either had to be content to do worse or leave it alone, John; so rather than be content with less, I took my leave of poetry and went into business as a fruiterer—"

"The world knows the rest, sir; how you pinched and scraped till you had a second fruit-shop, then a third, then a chain of twenty; how you bought up orange-groves, apple-orchards, and acres of Queensland pineapples; reinforced your vertical interests with horizontal mergers; bought out Sargents, Repins, and the Australia, took over the New South Wales State railways—"

"Oh, that," I said; "that was to cheapen the freights on fruit."

"But with all that accomplishment, why should you feel bitter, sir?"

"Go," I said. "I am a poor, broken old man. Only one thing is left to me."

He went.

I pressed the button. My secretary came in.

James

ANNOUNCERS' NIGHT OUT



Henry Gregory, Secretary of the club, and Arthur O'Keefe of 2GZ.

The Microphone Club held its Annual Ball at the Palais Royal on Tuesday, August 20, and with about a thousand people present, staged a grand evening.

Right: The Announcers' Race was won by Cyril Angles with Darby Munro as jockey. Any wonder!



Mr. and Mrs. Charles Moses.



It was during the presentation of the "debs." but one of them seems to have fallen down on 'the job. And Ken Howard wasn't much help.



Mr. and Mrs. Si Meredith—Uncle Si and Auntie Maud to you—entertained one of the merriest parties.

THE SAFETY VALVE

THE OLD STAND

Dear Sir,—Deep is my regret that once again I must admonish a person of "a-few-bobs-for-art" mentality or intellectual standard. However, the really incredible rubbish emanating from his pen must not be allowed to pass unrebuked.

In his latest literary exorcism he lays claims to the qualification of procrastination in letter-writing. This claim must be obvious to all possessed of a little intelligence as a piece of abortive deceit. The length of time that has elapsed between my letter and a "Few Bobs" outrage has clearly been filled on his part by arduous perusals of the dictionary. These have led to a remarkable improvement in his etymology, but his unspeakable syntax—it reads like a literal translation from the German. Fortunately, being extremely tolerant, I shall overlook the hideous outrages on the English grammar committed by him and leave him to attend "is crook and plural concerts."

So my views on the barn express perfectly my musical outlook. That is very pleasing, for, as they coincide with Sir H. Harty's and P. Dawson's, and many others, I am assured that musically I am their equal. Excellent!

So, having disposed as briefly as possible with the bulk of "A Few Bobs" ramblings, I shall sift the remainder of his cantankerous carplings.

Can logic and reason not convince this weird dogmatist that just as surely as Prevention of Cruelty Societies should prevent cruelty, and Prevention of Crime Societies prevent crime, so should Broadcasting Commissions broadcast. If they are able, by the way, to give concert performances, that is splendid, and rest assured I attend many of them, but those I do not attend I expect to hear completely broadcast, and those I do should just as assuredly be broadcast in their entirety. Should broadcasting reduce audiences, that, as far as the Commission is concerned, is of no consequence, but it does not. Private enterprise, handling un-broadcast concerts, is faced also with thin audiences. The cause is not in broadcasting, but in hard-bottomed, stiff wooden-backed "horrible hamburgs" (to use a visiting celebrity's phrase), an unwarmed, draughty and venerable old aldermen's barn, and lack of stage facilities. The sight of an unfortunate conductor wishing to take a bow scurrying for dear life through lanes of instruments and palms to the little cubby is often too much for my sense of humor. This monomaniac appears to be obsessed with his own narrow outlook (which appears to finish with the Sydney Heads and the penurious, supported by Charity Commission) or he would become painfully (mentally) aware the Grand Old Man of British music, the Champion of the Good and Beautiful art in Eng-

land actually used broadcasting to further the concert halls. And the unfortunate canned and adulterated Sir Adrian Boult is famous the world over.

If the Commission's aim is to further the concert hall, then let them construct an auditorium and studio in one to accommodate in comfort Sydney's music-lovers.

I notice that your paper is defiled this week by the droolings of two more illiterates, "Sparks" and "Country Listener." They and "A Few Bobs" form a most inglorious advertisement for the standard of education in Sydney.—Yours, etc.

—Classicist.

Clifton Gardens (14/7/37).



At the Microphone Club Ball. Eric Colman with Mrs. Colman (left) and Mrs. Maurice Francis.

MUTILATION

Dear Sir,—I want to protest strongly through your valued columns against the A.B.C. practise of mutilating gramophone records. What you don't hear, you don't miss, I suppose. But what can be said in favor of playing tricks with celebrity solos? For instance, when a concert programme or a variety show is over, they put on a record of anything from Mischa Elman to a xylophone solo, and just when you are getting interested in the music, they fade it out and read an advertisement about Schneevogt flying from somewhere to somewhere else, as though his flying was even more exciting than his conducting, then up comes the record again twenty bars from where it left off, and just as you settle down and wait for it to end they snatch it off and announce the next show. I never heard anything so aggravating in my life.

As to the gramophone sessions, they still play the second half of records first, and even there they snatch the needle off before the last chord and leave you in mid-air like the chap trying to go to sleep and waiting for the chap in the room upstairs to drop his second boot. It is not broadcasting. It is butchery.—Yours, etc.,

JOHN FRANKLIN.

Goulburn (9/7/37).

PRONUNCIATION

Dear Sir,—The question raised by Mr. P. Carson last week is one of the most important I have seen in "Safety Valve," i.e., should the A.B.C. announcers pronounce words as Australians do or as the English do?

Assuming they should pronounce them the Australian way, do all Australians, as Mr. Carson thinks, always use the short "a" where it could be long? To take his examples, certainly very few Australians say ahnswer and dahnse, but, then, very few say gasp, mask, and castle. I think Mr. Carson will find most of his friends say mahsk.

Nor can strangers be blamed for not knowing local variants of place names. I didn't know we called it Ki-am-a till I read Mr. Carson. And I believe Breadalbane is really a Scotch name, and they call it Br'doll-bin.

And to show that the A.B.C. don't intentionally use a long vowel all the time, I last week heard them say U-rah-na in mistake for Urana, but in the same breath TOKumwal, where we say TOEcumwal.

On the other hand, I loathe their news reader's "alleeged," and even the Oxford dictionary gives "alleged" a short "e."

However, on such a matter as pronunciation it would be valuable to have the A.B.C.'s official ruling. I, myself, recently sent them a grouch about the shortness of Huberman recitals, and received a most courteous and explanatory reply from Mr. H. G. Horner, manager for N.S.W.

Perhaps on these much more vital points Mr. Horner might publish a statement in your widely-read columns for the benefit of us all.—Yours, etc.

—J. Minchin.

King's Cross (16/7/37).

LESS RELAYS

Dear Sir,—I agree with "Anti-Relay" (26/6/37) concerning the relay business. I will give an instance. I was listening in to 2CR at 1.25 p.m. on the 15th instant and the announcer stated that there was some more news, but that he was sorry he had not time to give it as he had to turn on to 2FC. Then we got recorded music, which we can get at home if we want. Why the relay? Why not give 2CR more licence to give us more general news whenever they can get it and let those that want the other stuff turn on to the other station? There is no reason for relaying the races on all stations; give us a diversion on at least one; we pay our twenty-one bob, and if it were not for "The Watchman" and 2CR it is very little general news we would get. The news service at 1 p.m. could be extended to ten or fifteen minutes, instead of about four minutes, and less useless relayed recorded music.—Yours, etc.

—Disgusted Listener.

HOWLERS & HANDCLAPS

Announcer, 3AW (7.25 p.m., June 23):
I want you to see him as she is now.

Mr. Keogh, 4BK (9.17 p.m., July 3),
description of wrestling match from
Bohemia Stadium:

*And now I'm going to introduce
something novel, Mr. Alec King, the
referee.*

Les. Daley, 4BH (9.24 p.m., July 6):
*A gentleman is a saxophone player
who doesn't play.*

Miss M. Herd, 4BK (7.53 p.m., July
3), from 2CH, speaking about the
Women's League:

*We have a tremendous Women's
League . . . at 2CH, perhaps you'd like
to hear about our parties; we haven't
anywhere big enough to hold our big
parties.*

Sporting session, 2AY (7.35 p.m., July
5):

*In passing, I wish to commend the
sporting action of Miss — in carrying
on with three young players.*

Announcer, 2FC (9.14 p.m., July 5):
*You have been listening to a talk by
Dr. J. Curtin, Leader of the Federal
Opposition.*

Uncle Les., 2HD (7.40 a.m., July 7):
— offer you a canvas baby swing.

Announcer, 7HO (10.10 p.m., July 7),
giving news:

*The Rev. Tunks, who returned re-
cently from abroad, is expected to ar-
rive at Launceston, where he will occupy
the pulpit for a month.*

Announcer, remarking to Tito Schipa
on his fishing experiences, 2FC (5.30
p.m., July 8):

*Have you ever caught one as big as
Zane Grey?*

Hazama, speaking in play from 2FC
(8.15 p.m., July 9):

*There was a noise like a rush-
ing horse, and a man galloped up.*

Cyrl Angles, 2UW (8.40 p.m., July
10):

*I think I'll leave this race alone; you
know, fools rush in where Angles fear
to tread.*

Announcer, J. M. Prentice, 2UW (1.15
p.m., July 11), advertising furniture:

*We're selling off the bedroom furni-
ture so that the men can get to work.*

Barden Brown, 2GB (2.55 p.m., July
11):

*Just when he was needed he would
be found missing.*

Announcer, 2UE (4.25 p.m., July 11),
on how a band conductor got a new
idea:

*Until one day he was sitting in a
soda fountain with his wife when—*

The Week's Best

Announcer, 2GB (7.27 a.m., July 12),
just finished a session advertising saus-
ages, and opening a session advertising
blankets:—

*Did you make "Good-night" a cer-
tainty with A—'s delicious sausages?*

Sent in by Mrs. L. Berge, 26 Reynolds
Street, Rozelle, who wins this week's
prize of 10/-.

2SM (6.40 a.m., July 16), announcing
song:

*Dedicated to the Main Roads Board—
"The road is open again."*

Uncle George, 2GB (5.0 p.m., July 16),
commencing young people's session:

*And I suppose we might as well be
here as where we are.*

Radio Adviser, 2UE (3.15 p.m., July
16), to listener:

*He allows her to be insulted and
treated like a door mat.*

Bert Beaver, 2KY (6.50 p.m., July
12), advertising tailor:

*He has been in business 53 years, and
every year his figure increases.*

HOWLERS and Handclaps are humor-
ous mistakes, slips, mispronuncia-
tions, juxtapositions, wisecracks, witti-
cisms, word tangles, and anything heard
over the air which shocks or amuses
the listener by its spontaneous or im-
promptu quality.

This does not mean, however, that
howlers which are amusing only when
taken from a sensible context are eligible:
readers are asked not to take unfair ad-
vantage of broadcasters, even though
broadcasters may sometimes take advan-
tage of them.

It seems hardly necessary to point out
that the opinions and statements often
quoted are not those of "Wireless
Weekly."

Howlers should be written down in ex-
actly the same way as they are shown
on this page. The name of the station,
the time, the date, and, where possible,
the name of the artist or announcer, are
essential. The sender's name and ad-
dress should be neatly written below the
howler or handclap.

One shilling is paid for every one pub-
lished. There is no limit to the number
which may be sent in.

Address your entries to "Howlers," Box
3366P, Sydney.

NOTE: More often than not it hap-
pens that two people (we have had as
many as twenty) report the same
howler. When this occurs the prize goes
to the most accurately and legibly set-
ting out the mistake. If you have sent
in a howler which was like one of those
published and have not received your shil-
ling or ten shillings, you must take our
word for it that someone else has sent
it in more fully and more accurately
described.

It has been suggested that the names
or initials of the contributors should
be set down under all howlers pub-
lished, but this, we believe, would be
spoiling the fun. We believe in pre-
serving the readers' anonymity.

Rod Gainford, 2UE (5.17 p.m., July
13), during cocktail hour:
*There are spots, schooners—I don't
know the smaller glasses.*

Edward Howell, 2CH (7.5 p.m., July
10):

*There is a big demand for the Comedy
Cub cadgers—er, club badges.*

Lady speaker, 2UE (4.35 p.m., July
12), referring to a dead rabbit:

*He has gone to join his playmates in
the Happy Hunting Ground.*

Dick Fair, 2SM (8.0 a.m., July 12):
*More and more families are turning to
— Tea every day.*

Announcer, 2HD (5.50 p.m., July 12),
a call to a meeting of Aberdare miners:
*A meeting of Aberdare miners will be
held to-night at 6 p.m. The executors
will be in attendance.*

Hilda Morse, 2UW (11.10 a.m., July
12):

*Write your name down with a piece
of paper.*

Grocer and Madam, 2SM (8.45 p.m.,
July 13):

*Now, don't speak like that about mar-
riage; you might marry yourself some
day.*

Conductor, Community Singing, Ash-
field, 2BL (8.45 p.m., July 13):

*If Mrs. — is present in the hall, will
she please come up round the front and
see me at the back?*

Announcer, 2GB (9.20 p.m., July 13),
advertising the wonderful results
achieved by damp-setting the hair:

*... hair that will always look fresh
from the hairdresser's chair.*

Mr. Cooper, 2UE (7.13 a.m., July 14),
from Randwick racecourse:

*Jim Abbs is always up with the last
—er—I mean the larks.*

Announcer, 2UW (8.25 p.m., July
14):

*This is the last episode of King Arthur
on the round table.*

Announcer, 2UW (7.30 p.m., July 13):
*2UW are always the latest with the
news.*

Announcer, 2GZ (4.40 p.m., July 15),
giving a talk about frogs:

*You can hear them creaking in the
croaks; sorry, I mean croaking in the
creeks.*

Announcer, 2UE (12.10 p.m., July 15):
The usual price is usually 63/6.

George Edwards (2UW, 9.35 a.m., July
15), during play, "House of the Seven
Gables":

I swear some day that man shall die,

M. R. PENNY'S PENNIES

How He Made Them in Australia

MR. EDWIN BRETT is to be Mr. Penny in "The Strange Adventures of Mr. Penny," a B.B.C. serial, by Maurice Moiseiwitsch, which will go on from 2FC every Wednesday at 7.40 p.m. Mr. Penny is a characteristic henpecked citizen, who starts out for the office every morning with his umbrella, ragged moustache, and spectacles and bowler hat, and lands into some sort of trouble.

Mr. Brett has been out here about six times in the past 25 years for J. C. Williamson's; most times he has stayed two or three years, but this time has been here about eight years. His home is at Beckingham, Kent: "I call it 'Boomerang,' because it was made out of Australian pennies."

"What sort of acting have you done here?"

"Pantomime old girls—dames. I've been chief offender in about 20 first-class pantomimes, here and in England. Pantomimes here are as elaborate as in Drury Lane, did you know that? Yes; as many as 200 in them; big shows. Don't know how many musical comedies. I was the villain in 'Ambrose Applejohn,' with Laurence Grossmith; villain with Muriel Starr in 'Cheating Cheaters.'

"We came out here first, my wife and I, in 'Hook of Holland'; I was Daddy Hook; it's that type of gentle old chap I'm rather fond of playing. Same kind of part in 'The Quaker Girl' and 'Our Miss Gibbs,' with Cyril Ritchards and Madge Elliot; same part in the play, 'The Farmer's Wife,' a philosophical old ploughman.

"Played a lot with Gladys Moneriff; I was in the show in South Africa when she came out billed as a new prima donna; I always play in 'The Chocolate Soldier' with her, 'Merry Widow,' 'Maid of the Mountains,' and so on. Last year I did a broadcasting season with Gladys Moneriff and Marie Bremner; twenty operas for broadcasting, about ten weeks in Sydney and ten in Melbourne; I enjoyed that very much."

"When was your last stage show?"

"With Delysia, in 'Mother of Pearl.'"

"What did you do in England?"

"For some time we did music halls; that was in the time of Marie Lloyd, George Robey, Jean Ströther, R. G. Knowles—we appeared in the best halls with them."

"What was your act?"

"Musical act, Edwin Brent and Emmaline Orford—my wife. Mostly music-hall acts are billed by surnames; but we always tried to get them to bill us in full instead of just Brett and Orford—Edwin Brett and Emmaline Orford—being theatre people.

"Last time I was in England, I was in the musical version of 'The Three Musketeers,' with Carl Brisson, touring."

"Is he a ladykiller like they say?"



Mr. Edwin Brett as Mr. Edwin Penny

"My word, wonderful chap. Very strong; he had to shake hands on the stage; I'll never forget the first time. You wouldn't believe to look at him, he's really a fighting man—used to take on all-comers at side-shows. When we were touring, you couldn't go out of the theatre till he'd gone; the doors were always blocked with girls, and they didn't just want a photograph; he had to sign it for them while they waited. You know who was stage-managing that show? Oscar Asche—very much modified.

"Yes; I've done films in Australia—no one knows, no one remembers them now."

"And do you think the stage is coming back?"

"Why, it's gone back. It's gone back to what it was when I started—Reperatory shows; they used to call them Stock Seasons when I began; play a piece twice nightly every week. There are only a few musical comedies, and they're big shows, all spectacle. The old actor-managers have mostly gone out of business. There are a few actors who can make a show; but only a few. If there is a play written, there is hardly anyone to produce it or a place to produce it in. If you have someone to produce, and a theatre, there is no one writing plays. Who is writing good plays now?"

"Consider the other side: I can go in in the morning to a theatre that is comfortable and so beautifully furnished that it makes the old 'Criterion,' for instance, seem like a nightmare; I can see an interesting news gazette, a travelogue, and so on, and then be entertained by, say, Joan Crawford and Clark Gable in an excellently finished play, the acting polished, everything perfect—three hours' entertainment for a shilling! How can the stage compete with that?"

"How, indeed. Which do you prefer, straight plays or pantomime?"

"Pantomime or musical comedy pays better."

"Really?"

"In musical comedy they dress you. If your part needs spats, they give you spats. All the little girls get their stage dresses. In plays you have to provide your own clothes, lounge suits, evening dresses. And six or ten pounds a week is good pay."

"But the production cost is less."

"It's a funny thing. The first thing they do when they are putting on a musical comedy is to augment the orchestra. The first thing they do for a play is to cut it down to a pianist, or a pianist and violinist. Of course, there are the actor-managers; they make money. I started in ordinary Stock. I played old men—it's funny how all the boys have to play old men. Fifty shillings a week, I was getting. Then I got an offer to play in a pantomime.

"The old actor-manager called me up; he wanted to know what was the matter with me, felt I was going to the bad; and I said, 'Look; I'm going over there, the other side of the street, and I'm going to wear a red nose and fall down on the stage and make people laugh, and they're going to pay me £10 a week to do it—that's better than fifty shillings a week?'"

SPECIAL TALK SERIES

By DR. H. S. MASSEY

THE Australian Broadcasting Commission has arranged for Dr. H. S. W. Massey to give a series of three National talks, as follows:—

(1) To be delivered from Melbourne. Title: "The Structure of Matter—Atoms." Sunday, August 1, 5.0-5.20 p.m.

(2) To be delivered from Sydney. Title: "Splitting the Atom." Sunday, August 15, 5.0-5.20 p.m.

(3) To be delivered from Melbourne. Title: "Recent Great Discoveries in Physics—An Eyewitness Account." Monday, August 23, 7.0-7.20 p.m.

Dr. Massey is a former Melbourne graduate who, after a brilliant science course at the University of Melbourne, was elected to the 1851 Fellowship, and has carried out research during the last few years at the Cavendish Laboratory, Cambridge. His research has been amazingly successful, and he has now a world reputation in modern Theoretical Physics. He is also known as the author of many important papers in leading physical journals. He is joint-author with Professor Mott, F.R.S., of "The Theory of Atomic Collisions," which is one of an important series of "International Monographs in Physics," published by the Oxford University Press. Dr. Massey's recent work, dealing with the collision processes in the upper atmosphere, will be of particular interest to Australian workers in this field.

ANOTHER PRIZE COMPETITION

NO BRAINS NEEDED!

OUR readers have shown such a fine response to our recent competitions, hundreds of letters having been received in connection with Radio Ciphers and the James Portrait contest, that we have decided to start a further competition with this issue.

It is a very simple competition. You don't need the same brains as required for radio ciphers, and you don't need the journalistic ability of the winner of the James Portrait contest. All you need is the ability to read. First prize goes to the reader who submits the longest list showing how many times the word "radio" appears in the "Wireless

Weekly," not including the programmes. Six consolation prizes will also be awarded.

THE PRIZES

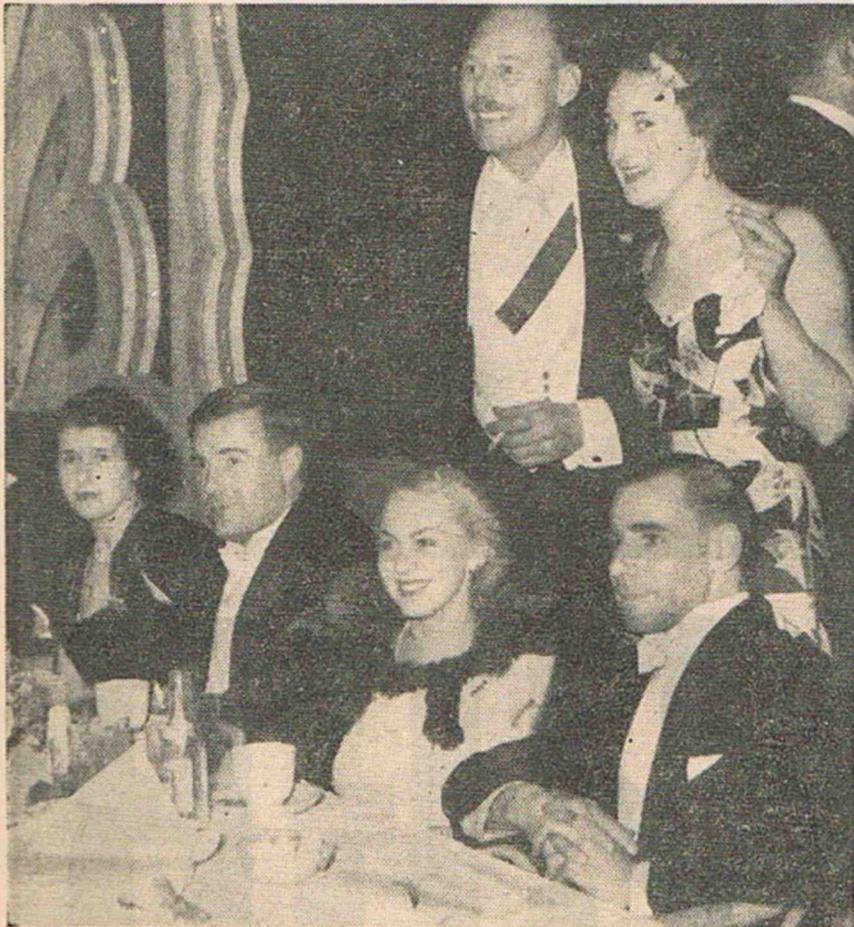
First prize is a year's free subscription to "Wireless Weekly"—52 copies post free to any address in Australia.

Six consolation prizes, each of a quarter's subscription, will also be awarded.

WHAT TO DO

In order to compete all you have to do is to read the whole of "Wireless Weekly" carefully, advertisements and

AT THE ANNOUNCERS' BALL



Left to right: Mrs. Moses, Mr. C. J. Moses (general manager of the A.B.C.), Miss Nora Lang (Miss Austria), and Mr. J. Beresford Clark, director of the B.B.C. Empire Service.

Standing: Michael Erskine-Wyse, A.B.C. news commentator, with Miss Joyce Longley.

RADIO CIPHERS

Well! I asked you to write, and you certainly have written! Over one hundred letters have been received containing solutions of the problems printed in the issue dated July 16, and they are still coming. Included were quite a number of ciphers submitted by our readers.

Unfortunately our big technical issue has compelled us to omit the Ciphers Page this week. For this we apologise, and assure you that we shall be back again next week—harder than ever. It appears as though our suggestion to make a complete page of submitted ciphers will be quite practicable next week. If you would like to send me your effort so that it reaches our office by Tuesday, July 27, it can be included.

By the way, how did you get on with my parting shot last week? Yes, I know it was a tough one! Until next issue,

RADIO CIPHER EDITOR.

editorial pages, but not the programmes. Make a list of the places where you find the word "radio," add them up, put the number clearly at the bottom and then your full name and address. Post to Box 3366PP, G.P.O., Sydney. No coupon is required and there is no limit to the number of entries. Every member of the family can compete. There is no entry fee.

CLOSING DAY

All entries must arrive in our office before 4 p.m. on the Wednesday of the week following the publication of the issue. (This will be the Wednesday shown in the programmes; August 4 of this issue.)

NOTES

Please note that it will help us greatly if you write on only one side of the paper. If you want to send along some howlers at the same time, or perhaps a technical query, please write it on a separate sheet of paper.

Every entry must show the number of the line (reading down from the top of the page) as well as the column and the page so that the judges can easily check the accuracy of the list submitted.

The usual rules for such competitions will apply, with the decision of the Acting Editor to be regarded as final.

Names and addresses of successful competitors will be given in our issue for August 13.

Note.—The word "radio" only to be counted, not radios, Radiokes, radio-activity and other similar words.

THE
Children's Concert
PARTY



Every
SUNDAY
5.30 p.m.

268

FRIDAY

JULY 30

2FC SYDNEY, 610kc. 492m.

9.30: Marching Music for School Children.
 9.35: Morning Melody (r.).
 10.0: British Official Wireless News.
 10.5: Musical Items (r.).
 10.30: A Woman's Comments on Overseas Topics.
 10.45: Captain Alex. Rule will speak on **THE FOREST OF ARDEN**.
 11.0: A Talk by Miss Helen Simpson, Australian Authoress.
 11.20: Morning Devotional Service.
 11.30: Close.
 12.0: Observatory Time Signal.
EDUCATIONAL SESSION: BROADCAST TO SCHOOLS: PRIMARY. Mr. K. R. Cramp, C.B.E., M.A., F.R.A.H.S., Inspector of Schools, will speak on **WATTLE DAY AND ITS SIGNIFICANCE**.
 12.25: Early Sheep and Cattle Report from Homebush.
 12.45: **AT HOME AND ABROAD.** A News Commentary by The Watchman.
 1.0: A Glimpse at the Afternoon "Sun" Cables.
 1.5: Sectional Weather, etc.
 1.27: Marching Music for School Children. (r.).
 1.38: Luncheon Music (r.).
 1.50: Stock Exchange, second call.
 2.0: Close.
 2.30: **EDUCATIONAL SESSION: BROADCAST TO SCHOOLS: SECONDARY: GEOGRAPHY.** Mr. David G. Stead will speak on Northern Siam or Siam Proper.
 2.45: Captain William Palmer will speak on Tibet.
 3.0: **ADVENTURES IN MUSIC,** by PROFESSOR BERNARD HEINZE, P.R.C.M.
 3.30: **KHYBER** Written by EDMUND BARCLAY. EPISODE: **THE TWENTY-FOURTH: NEARING THE END.** Captain Garvie and his gallant company, beleaguered in the Hillman's fort, put up a desperate fight against tremendous odds.
 Production: Lawrence H. Cecil.
 4.0: G.P.O. Chimes. Close.
 5.0: Music.
 5.20: Tiny Tots' Session.
 5.30: **YOUNG PEOPLE'S SESSION. THE PEOPLE OF THE BLACK PEACOCK.** A Thrilling and Dramatic Story of the East, by MAJOR J. T. GORMAN. Dramatised for Radio by ELLIS PRICE.
 5.40: A Story. Kerwin Maegraith will give a Sketching Talk.
 6.0: Dinner Music (r.).
 7.40: **HARRY BLOOM'S TANGO BAND.** (See Panel).
 8.0: Interlude (r.).
 8.10: **SONGS OF THE FAIR.** (See Panel).
 8.45: **CINDERELLA.** (See Panel).
 9.15: **ECHOES OF THE RUSSIAN BALLET.** (See Panel).
 9.40: **VARIETY.** (See Panel).
 10.10: **RAGGLE TAGGLE GIPSIES.** (See Panel).
 10.40: Meditation Music (r.).
 11.20: Late Weather and News.
 11.30: Close.

2BL SYDNEY, 740kc. 405m.

6.30: Opening Musical Item.
 6.32: Meteorological Information.
 6.35: Mails and Shipping Information and Call-Up Notices from the Government Labor Exchange.
 6.40: Brief Market Reports.
 6.45: Morning News.
 6.50: Cables. News Commentary.
 7.0: Morning Music (r.).
 8.0: Morning News.
 8.5: Cables. British Official Wireless News Service.
 8.15: Morning Music (r.).
 9.0: **TAL ORDELL—TELLS A STORY.**
 9.30: Close.
 11.30: Music.
 12.0: Stock Exchange, First Call.

2FC 7.40

HARRY BLOOM'S TANGO BAND

In a Session of
SOFT LIGHTS AND SWEET MUSIC

2FC 8.10

SONGS OF THE FAIR

Featuring, SYDNEY MacEWAN, (Tenor)
Supported by
THE A.B.C. (Brisbane) WIRELESS CHORUS
Under the direction of W. NELSON BURTON

2FC 8.45

CINDERELLA

Silhouettes of London

A Programme of annotated recordings, featuring the works of ERIC COATES. Written by CHARLES THOMAS.

2FC 9.15

ECHOES OF THE RUSSIAN BALLET

Presented by
THE TASMANIAN STUDIO ORCHESTRA
Conducted by CLIVE DOUGLAS, Mus. Bac.

The Swan Lake (Tchaikowsky)

1. Scene.	4. Scene.
2. Valse.	5. Hungarian Dance.
3. Dance of the Swans.	

2FC 9.40

VARIETY

Featuring:

<p>AUDREY DREW, Marimbaphonist</p> <p>MINNIE METZ, Swiss Yodeller</p>	<p>HOWARD BAUEROSCHE, Tenor</p> <p>TOM KING, Pianist</p>
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And

THE A.B.C. (Adelaide) STUDIO ORCHESTRA
and **WIRELESS CHORUS**
Conducted by WILLIAM R. CADE

2FC 10.10

RAGGLE TAGGLE GIPSIES

Rozsika (Roberts)	Patetoro Sentimental (Loves)
Romania (Geiger)	

12.7: FROM THE SYDNEY TOWN HALL:
COMMUNITY SINGING CONCERT.
 Assisting Artists:
 ZENA MOLLER, Soprano;
 FRED CROSS, Comedian;
 ALF. LAWRENCE and MARSHALL CROSBY, Presenting **NEW WINE IN OLD BOTTLES.**
 2.0: Afternoon News, Metropolitan and Sectional Forecasts and Weather Synopses.
 2.10: Music of the Moment (r.).
 3.0: **MUSICALE** with E. CARLYLE KENNY, Pianist; NORMAN WILLIAMS, Baritone; and DAISSY RICHARDS, Violinist.
VIOLIN—
 Nocturne (Chopin)
 Tambourin Chinois (Kreisler)

BARITONE—
 The Lute Player (Alliteen)
 Bells of the Sea (Solman)
PIANIST—
 Etudes Symphoniques (Schumann)
VIOLINIST—
 Romance.
 Hungarian Dance No. 1, in G Minor (Brahms)
BARITONE—
 Shipmates o' Mine (Sanderson)
 I Passed by Your Window (May Brahe)
 3.55: Musical Interlude (r.).
 4.30: **CHAT OVER THE TEACUPS**—BY NOELLE BRENNAN.
 4.55: Trade Demonstration Music.
 5.0: Stock Exchange, Third Call.
 5.0: Close.
 5.30: Music.

6.15: Weather Report, Stock Exchange Report, General Markets.
 6.45: Musical Interlude (r.).
 6.50: The A.B.C. Racing Commentator.
 7.0: **CURRENT BOOKS WORTH READING.**
 By MR. VANCE PALMER.
 7.15: Musical Interlude (r.).
 7.20: **NATIONAL NEWS BULLETIN.**
 7.30: Local News.
 7.35: Music.
 8.0: **AN EVENING OF CELEBRITY RECORDINGS.** (See Panel)
 9.50: **SPORTING PREVIEWS.**
 10.20: Late News and Weather.
 10.30: Close.

2NC NEWCASTLE, 1230kc. 244m.

6.30 to 9.30: Relayed from 2BL.
 9.30 to 10.0: Relayed from 2FC.
 10.0 to 10.30: **FROM NEWCASTLE CATHEDRAL—Organ Recital,** by T. H. Massey.
 10.30 to 11.0: Relayed from 2FC.
 11.0 to 11.15: **FROM NEWCASTLE STUDIO—"Chat Over the Teacups."**
 by Cella Starfield.
 11.5 to 11.15: News service by courtesy of the "Newcastle Morning Herald."
 11.15 to 11.30: Relayed from 2FC.
 12.0 to 1.23: Relayed from 2FC.
 1.22 to 2.0: Relayed from 2BL.
 2.30 to 4.0: Relayed from 2FC.
 5.0 to 6.0: Relayed from 2FC.
 6.0 to 6.30: **FROM 2NC NEWCASTLE STUDIO—Women's Sporting Session** by Cecily Sullivan. General Sporting Session, by Halford Hooker.
 6.30 to 11.30: Relayed from 2FC.

2NR NORTHERN RIVERS, 700kc. 429m.

6.30 to 9.30: Relayed from 2BL.
 9.30 to 11.30: Relayed from 2FC.
 12.0 to 1.25: Relayed from 2FC.
 1.25 to 1.35: **2NR Studio—Morning News** from the "Grafton Examiner."
 1.35 to 2.0: Relayed from 2FC.
 2.30 to 4.0: Relayed from 2FC.
 5.0 to 6.0: Relayed from 2FC.
 6.0 to 6.15: **2NR Studio—Local Sporting Session.**
 6.15 to 7.35: Relayed from 2BL.
 7.35 to 11.30: Relayed from 2FC.

2CR CENTRAL REGIONAL, 550kc. 545m.

6.30 to 9.30: Relayed from 2BL.
 9.30 to 11.30: Relayed from 2FC.
 12.0 to 1.25: Relayed from 2FC.
 1.25 to 1.35: **FROM 2CR STUDIO** News Service by Courtesy of the "Orange Leader."
 1.35 to 2.0: Relayed from 2FC.
 2.30 to 4.0: Relayed from 2FC.
 5.0 to 6.0: Relayed from 2FC.
 6.0 to 6.15: **FROM 2CR STUDIO—Local Sporting Talk.**
 6.15 to 8.0: Relayed from 2BL.
 8.0 to 11.30: Relayed from 2FC.

2UE SYDNEY, 950kc. 316m.

6.0: The Alarm Clock with Allan Toohy and Vernon Sellars. 6.15: Weather, Markets Shipping, Call-up. 6.30: The Morning Hymn.
 6.40: Track Gallops, direct from Randwick, at intervals. 6.45: News from the "Daily Telegraph."
 7.0: From the B.B.C. 7.30: Musical Comedy Gems.
 7.45: Vernon Sellars (baritone).
 8.0: Randwick Track Highlights.
 8.10: Morning Melodies 8.30: News from the "Daily Telegraph." 8.35: Music. 9.0: Music Brings Memories. 9.30: Down Harmony Lane.
 10.0: Women's Interests. 10.15: Greetings and Club Movements—Mrs. Filmer. 10.30: Morning Tea Session. 10.45: Sacred Music. 11.15: Health Talk—2UE Radio

FRIDAY - - - - - Continued

Matron, 11.30: Household Hints and Recipes.
 12.0: Serial Story—St Meredith.
 12.45: Gardening Chat—Mr. S. H. Hunt. 1.0: News Service. 1.10: Bright Music.
 2.30: Between Ourselves—An Afternoon Session, conducted by Frank Sturge Hartly. 2.15: Relaxation Music.
 2.45: The Radio Adviser on Life's Problems. 3.15: Lifting Melodies. 3.30: Story read by Frank Hartly. 3.45: Humorous Interlude.
 4.0: Goodie Reeve entertains. 4.30: Musical Memories.
 5.0: A Musical Cocktail. 5.45: New Record Releases.
 6.0: Cliff Curby and his Sweet Rhythm. 6.10: Saturday's Sporting Fixtures.
 6.20: Rhythm of To-day.
 6.30: Preview by the Newsletter Racing Commentator.
 6.40: Dinner Music. 6.50: Racing Talk.

★ 7.0: THE IRON HOUSE.
 7.15: Music of To-day. 7.30: Music We Remember. 7.45: News Service. 7.50: To-day's Love Songs.

★ 8.0: POLITICAL AFFAIRS, by MR. A. H. HAUPTMANN.
 8.15: THE MUSICIAN'S LIBRARY.
 8.30: Quick Stepping Rhythm. 8.45: Turf Topics by Jack Cooper. 9.0: Popular Music and Musicians. 9.30: Sporting Editorial. 9.40: Music.

★ 9.50: GREAT RACES OF THE PAST—Presented by ERIC ASHTON.

10.0: Out of the Band Box. 10.15: News Service. 10.20: Music.
 ★ 10.30: CALL TO YOUTH DANCE PROGRAMME.
 11.30: Close.

2CH SYDNEY, 1190kc. 252m.

5.45: The Good Morning Man: 7.15: Favorites of Yours. 8.0: Hints to Motorists. 8.15: Music. 8.30: They're Off to School. 8.45: Mothers' Session. 9.30: Australian Women's League Session—Janet Austen. 9.50: British Official Wireless News.
 10.0: Morning Devotion—Rev. R. P. Gee. 10.30: Classics in Cameo. 10.45: Waltz Time. 10.57: Public Health Message.
 11.0: Eb and Zeb. 11.10: Music. 11.45: Look Up and Laugh. 11.50: Weather Report. 12.0: Parade of Personalities. 12.15: Piano Potpourri.
 12.30: For Sale or Exchange. 12.35: Music.

★ 1.0: COMMUNITY SINGING, CONDUCTED BY BOB STROTHER—FROM PARRAMATTA.

2.0: Music. 2.15: Famous Women of Stage and Screen.
 2.25: Popular Orchestras of the World. 2.35: From the Console. 2.45: Roadway of Romance.
 3.0: Talks From Revelstoke. 3.30: Highlights of the Theatre. 3.45: Tea Time Tunes. 4.30: Masters of Music.
 4.55: Children's Session, by the Fairy Godmother. 5.30: The Hello Man's Children's Session.

★ 6.0: DAD AND THE GIRLS.
 6.15: Dinner Music.
 6.30: Carson Robison and His Buckaroos.

★ 6.45: KNIGHT BARNETT AT THE BURWOOD CINEMA ORGAN.

6.50: Weather Report.
 7.0: Coquette in Cameo. 7.15: Rhythm Revelry.
 7.25: Sally Paige at the Piano.
 7.30: The Harmony Parade. Mario Lorenzo and Orchestra. Tino Rossi. Squire Celeste Octet. Connie Boswell and Orchestra.
 8.0: Design for Music. 8.20: Regal Cinema Orchestra.
 8.30: A Little Time for Humor. 8.45: Feature Recordings. 9.0: Cavalcade of Harmony. 9.20: Music and the Instrument. 9.40: Lawrence Tibbett, Baritone.

★ 9.45: CALLING ALL SPORTSMEN
 10.15: Rendezvous With Rhythm. 10.50: Meditation and Music. 11.0: Close.

2GB SYDNEY, 870kc. 345m.

6.0: Morning Session—Jack Davey.
 6.45: News. 7.0: Music.
 8.0: British Official Wireless News.
 8.5: Jimmy Sampson and his Ballroom Orchestra. 8.15: Freda and Rita. 8.30: Jimmy Sampson (Continued). 8.45: Dorothy Jordan's Guild. 9.45: Noel Judd presents Songs of Yesterday.
 10.15: Cookery Talk by Dorothy Jordan. 10.30: Musical Session.
 10.45: Musical Programme—Noel Judd. 11.0: News.
 11.5: Housewives' Session—Dorothea Vautier. 11.15: Dorothea Vautier—Music. 11.45: Dorothea Vautier—So They Say. 12.0: Music.
 12.15: 2GB Public Library—Harold Morton: Book Reviews. 12.30: Music. 1.0: News.
 1.5: Luncheon Session—Jack Lumsdaine. 1.15: British Official Wireless News. 1.25: Music.
 1.30: Mrs. Stelzer's Happiness Club.
 2.45: Dorothea Vautier—Musical Cocktail.

3.0: Mr. Harold Morton—Book Reviews. 3.15: Music. 3.30: Julie Russell—Melodies for Madame.
 3.45: Goodie Reeve Conducts the Afternoon Session. 4.0: Goodie Reeve—Songs at the Piano. 4.30: Miss Saville's Session. 4.45: Annie Goodie.
 5.0: Children's Session, conducted by Uncle George. 5.30: Krazy Kollege. 5.35: Children's Session (Continued).

★ 5.45: THE CHILDREN'S NEWSPAPER.
 6.0: Terry and Ted.
 6.15: Twenty Thousand Leagues Under the Sea, by Jules Verne.
 6.30: Dinner Music.
 7.0: Echoes of the Stage and Screen. 7.15: Music.
 7.30: Revolution in Mexico—A B.S.A. Production. 7.45: Organ Treasures. 7.55: Coming Events.
 8.0: Popular Varieties.
 8.15: Cafe Round the Corner—A B.S.A. Production. 8.30: Music.
 8.45: Special Session.

★ 9.0: JACK LUMSDAINE, THE RADIO RASCAL—SONGS AT THE PIANO.
 9.15: MR. A. M. POOLEY.
 9.30: FRED WARING AND HIS PENNSYLVANIANS.
 10.0: 2GB News Review. 10.15: N.R.M.A. Service to Motorists—Mr. Mitchell. 10.30: The Last Minute Fishing Bulletin. 10.35: Music.
 11.0: Slumber Music. 11.25: 2GB Good-night Song. 11.30: Close.

2UW SYDNEY, 1110kc. 270m.

4.0: New Zealand Breakfast Session. 4.30: Countryman's Breakfast Session. 4.45: Weather, Rivers, Mails, Shipping. 5.0: Drivers' Interests. J. A. Crawford. 5.30: Stock, Station and Produce Notes. 6.0: Orchard and Poultry Review. 6.20: Poultry Farming. W. C. Hardy. 6.30: An Early Breakfast. 7.5: News of the Day. 7.15: Featuring a Military Band.
 7.30: George Edwards and Neil Stirling. "Darby and Joan." 7.45: Light Music. 9.0: On Parade. 9.15: Morning Moods. 9.41: Minutes of Melody.
 9.45: Miss Mandola, Banjo. 10.0: Between Ourselves. 10.5: Morning Tea.
 10.10: A Storyteller—Eric Scott.
 10.25: The 2UW Guest Artist.
 10.40: Musical Comedy Selections.
 11.0: Katy and John—Hilda Morse and Clifford Arnold. 11.15: Beauty Talk by Miss Susan Bell. 11.30: Light Lyrics.
 During Afternoon, Descriptions Live Hare Coursing, Rooty Hill, by Cyril Angles.
 11.45: Dr. Frederick. 12.0: Vocal and Instrumental Music. 2.0: Musical Matinee. 3.0: Matinee Musical Highlight. 3.30: Prelude to Afternoon Tea.
 3.45: An Easy Chair and Some Books—J. M. Prentice. 4.0: Music of To-day. 4.15: Melody Girl.
 4.45: Radio Pictures Newsman.
 5.5: Children's Session. 5.45: Nursery Rhymes. 5.55: The Talk of the Town.

★ 6.0: GEORGE EDWARDS—"DAVID AND DAWN UNDER THE SOUTHERN CROSS."
 6.15: Dinner Music.
 6.40: Reproductions, Coursing.
 ★ 6.50: SPORTING SESSION, WITH SELECTIONS FOR MOOREFIELD AND MOONEE VALLEY.
 7.10: Wrestlers Voice Opinions. 7.15: Orchestral Selections. 7.30: Something for Everyone. 7.45: Trade Demonstration Music. 8.0: World Pageant of Sport. 8.15: Trade Demonstration Music.
 8.20: Personality Series, No. 48—William Walton, Composer. 8.45: Feature Recordings. 9.0: Music from the Films. 9.15: Instrumental Novelties. 9.30: Selections from the Langworth Library.
 9.45: Fritz Kreisler, Composer—Violinist. 10.0: Do You Remember These? 10.15: Famous Australians—Lance Fairfax. 10.30: Orchestral Highlights. 10.45: Snappy Rhythm. 11.0: Musical Miscellany.
 12.0: Vitality in Rhythm—Henry Gregory entertains. 12.30 a.m.: Keeping the Party Going. 1.0: Cheerio Calls. 1.30: Winding up the Clock. 2.0: News Flashes. 2.30: Hospital Nurses' Supper Session. 3.0: Relays.

2BL 8.0
 AN EVENING OF CELEBRITY RECORDINGS
 Arranged and Presented by ROBERT McCALL
 THE NEW YORK PHILHARMONIC ORCHESTRA, conducted by TOSCANINI—
 Overture: Semiramide... (Rossini)
 GREGOR PIATIGORSKY, Cellist, with the London Philharmonic Orchestra—
 Concerto in A Minor... (Schumann)
 ARTHUR RUBENSTEIN, Pianist—
 Polonaise Fantaste No. 7 in A Flat Major, Op. 61 (Chopin)
 Andante Spianato... (Chopin)
 Grand Polonaise, Op. 22... (Chopin)
 ALEXANDER KIPNIS, Bass—
 Recital of Brahms Songs.

6.15: Dinner Music.
 6.40: Reproductions, Coursing.
 ★ 6.50: SPORTING SESSION, WITH SELECTIONS FOR MOOREFIELD AND MOONEE VALLEY.
 7.10: Wrestlers Voice Opinions. 7.15: Orchestral Selections. 7.30: Something for Everyone. 7.45: Trade Demonstration Music. 8.0: World Pageant of Sport. 8.15: Trade Demonstration Music.
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 12.0: Vitality in Rhythm—Henry Gregory entertains. 12.30 a.m.: Keeping the Party Going. 1.0: Cheerio Calls. 1.30: Winding up the Clock. 2.0: News Flashes. 2.30: Hospital Nurses' Supper Session. 3.0: Relays.

2SM SYDNEY, 1270kc. 236m.

6.0: Angelus. 6.1: Count McCormack, Tenor—Just For To-day.
 6.5: Breakfast Session. 6.10: News.
 6.30: The Listeners' Choice. 6.50: Music. 7.30: The Listeners' Choice. 8.0: Music. 9.0: Close.
 10.0: Catholic School Broadcasts.
 10.1: Primary—Religion. 10.21: Primary—Geography. 10.41: Secondary—English. 11.0: Close.
 1.0: Luncheon and Early Afternoon Sessions—John Taittel.
 3.0: Afternoon Session—Miss Doreen McKay. 3.5: The Musical Booktaster. 3.30: National Melodies.
 4.0: Varieties and Minstrelies.
 4.15: The Matinee Nineties—Sean Kerry (Piano), Yvonne Gannoni (Violin), Marjorie Walker (Soprano), Ronald Bruce (Baritone).
 5.0: Uncle Tom and his Gang. 6.0: Angelus.
 6.1: Dinner Session—Dominic Harnett. 7.35: Preview of To-morrow's Football Matches—S. Nasie.
 7.45: The Balladeers.
 8.1: Programme of Dance Music.
 ★ 8.15: CAMDEN MORRISBY—BOOKMAN'S TALK.
 8.53: Health—A Talk by Sister E. McGarry.
 ★ 9.0: THE AMATEUR HOUR—COMPERE, JOHN DUNNE.
 10.0: Piano Request Session. 10.25: When You Come to the End of the Day—Paul Oliver. 10.30: Close.

2KY SYDNEY, 1020kc. 294m.

6.45: Weather Report. News and Commentary. 7.0: Happy Hour—Gerry Hardman. 8.0: With the Children. 8.15: Music.
 9.0: Over the Top with the Diggers. 9.15: Race Talk—Harry Solomons. 9.30: Brian Howard Entertains. 10.0: Saddles and Songs—H. C. Collins, Benny Oddy and Muriel Grant.
 10.30: Women's Session—Mrs. Grey. 11.0: Look Through These Books. 11.45: Music. 12.0: Close.
 1.0: Special Argus Broadcast. 2.0: Music. 2.10: Afternoon Story—Capt. Bairnsfather.
 ★ 2.30: Smilin' Thru—Diane's Sport-

ing Review—Myra Dempsey.
 3.30: Close.
 4.25: Melody Session—John Harper. 5.15: Alf of the Alphabet—Children's Session and Competition.
 5.30: Dinner Divertissements.
 6.30: Dinner Entertainment—Goodo and Uncle Bert. 6.37: Spot of Humor. 6.45: Radio Snapshots.
 7.0: Rufe Naylor.
 7.15: News Commentary. 7.20: Race Topics—A. W. Davies. 7.30: Music. 7.40: Reg. Martin.
 7.50: Sporting Weekly—Ken Howard. 8.0: Overture. 8.5: Music.
 ★ 8.15: THE CRIME SHEET—RADIO PLAY, WITH 2KY PLAYERS.
 8.30: Sports Shorts—Andy Flanagan. 8.45: Music.
 ★ 9.0: SADDLES AND SONGS—H. C. COLLINS, BENNY ODDY AND MURIEL GRANT.
 9.25: Ring Radios—E. C. Turner. 9.40: Feature. 10.0: Radio Rhythm. 10.30: Happy Hour—Gerry Hardman. 11.0: Your Favorite Artist. 11.15: Variety Music. 12.0: Close.
 2GZ CENTRAL N.S.W., 990kc. 303m.

10.30: Music. 6.35: Weather. 6.40: Market Resume. 6.45: Junior Farmers' Session. 6.50: Producers' Service Session—Wool. 7.0: Producers' Calendar. 7.5: News and Weather. 7.15: Musical Programme.
 7.30: Some Marching Tunes. 7.55: Programme Projects. 8.0: Local News Service. 8.15: Popular Recordings. 8.30: Daily News and British Official Wireless News. 8.40: Music. 9.0: Country Service Club Session. 9.30 to 11.0: Close.
 11.0: Music. 11.5: Homecraft. 11.15: Health and Beauty Talk by Miss Susan Bell. 11.20: Menna. 11.35: Music.
 11.45: Talk by the Australian Inland Mission. 12.0: Early Market Reports. 12.25: Music.
 12.45: Local News Service. 12.50: Music. 1.0: British Official Wireless News. 1.5: Music. 1.15: Weather.

★ 1.30: FRANK WATANABE AND THE HONORABLE ARCHIE.

1.45: Local News Service. 1.50: Music. 2.0 to 3.30: Close.
 3.40: All and Sundry. 3.55: Fancy Free. 4.10: Jewels of Enchantment. 4.25: Modern Melody. 4.40: Quiet Time.
 4.50: Tiny Tots' Session. 5.0: Children's Session. 6.0: Dinner Music.

★ 6.15: THE GROCER AND MADAM.

6.30: Dinner Music, continued. 6.45: Mr. and Mrs. Everybody. 7.0: Turf Preview—A Racing Talk by Tom Ellis. 7.15: Music. 7.20: Weather. 7.25: Produce.
 7.30: Homebush and Forthcoming Stock Sales. 7.37: Sydney Sheep Skin Sales. 7.38: Talk by the Graziers' Association. 7.43: Music. 7.50: Leave it to Leslie.
 ★ 8.0: OUR PERSONALITY PARADE.

8.15: Pageant of Sports. 8.30: The In-Laws. 8.45: Music. 8.55: Racing Talk by George Francis. 9.0: Music.
 ★ 9.15: COMMUNITY SINGING FROM LITHGOW.
 10.30: Close.



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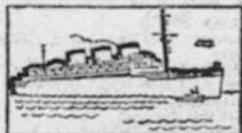


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FRIDAY - - - - - Continued

2HD NEWCASTLE,
1140kc. 263m.

6.0: Musical Clock. 6.15: Getting up Music. 6.25: News of the day. 6.45: Watch Tower Meditations. 7.0: Breakfast Melodies and News. 7.30: Woodwork and Music. 8.0: Children's Session. 10.45: Serial Story. 11.0: The Wireless Wags.

★ 12.0: COMMUNITY SINGING FROM NEWCASTLE TOWN HALL.

2.15: Listeners' Favorites. 3.30: Afternoon Musicale. 4.30: Modern Music.

5.1: Children's Session. 5.25: Teeny Weenies' Tattle. 5.30: Puzzle Corner.

5.35: Joy Club Sunshine Ship. 5.45: Dinner Music. 6.15: Lecture. 6.20: Joyster Notes and News Flashes.

6.30: Soccer and League Pictures. 6.40: Music. 6.50: Bill Hensley's Race Preview. 7.15: Latest Releases. 7.40: Reg. Martin's Racing Service.

★ 8.0: WORLD PAGEANT OF SPORT.

8.20: N.R.M.A. Notes. 9.0: Health Talk. 9.20: Gardening Notes. 9.45: Swing Club Programme. 10.0: News Service. 10.30: Close.

★ 10.0: COMMUNITY SINGING FROM NEWCASTLE TOWN HALL.

2.15: Listeners' Favorites. 3.30: Afternoon Musicale. 4.30: Modern Music.

5.1: Children's Session. 5.25: Teeny Weenies' Tattle. 5.30: Puzzle Corner.

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★ 8.0: WORLD PAGEANT OF SPORT.

8.20: N.R.M.A. Notes. 9.0: Health Talk. 9.20: Gardening Notes. 9.45: Swing Club Programme. 10.0: News Service. 10.30: Close.

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2.15: Listeners' Favorites. 3.30: Afternoon Musicale. 4.30: Modern Music.

5.1: Children's Session. 5.25: Teeny Weenies' Tattle. 5.30: Puzzle Corner.

5.35: Joy Club Sunshine Ship. 5.45: Dinner Music. 6.15: Lecture. 6.20: Joyster Notes and News Flashes.

6.30: Soccer and League Pictures. 6.40: Music. 6.50: Bill Hensley's Race Preview. 7.15: Latest Releases. 7.40: Reg. Martin's Racing Service.

★ 8.0: WORLD PAGEANT OF SPORT.

8.20: N.R.M.A. Notes. 9.0: Health Talk. 9.20: Gardening Notes. 9.45: Swing Club Programme. 10.0: News Service. 10.30: Close.

★ 10.0: COMMUNITY SINGING FROM THEATRE ROYAL CONDUCTED BY SYD HAYNES AND PAT MAHONEY WITH AUNTIE EILEEN AT THE PIANO.

2.30: Words and Music. 4.0: Close. 6.0: Spotlights—Doug Channell. 7.15: Music.

8.0: Concert Programme. 9.0: Records of the Week.

★ 9.15: STAMP TALK. BY MR. DIXON.

9.30: Hill Billy Melodies. 9.45: Motoring Talk. by Mr. Fred Lusk.

-0.0: Waring's Pennsylvanians. 10.30: Close.

★ 2MO GUNNEDAH,
1360kc. 219m.

7.0: Opening Marches. 7.5: Weather Report and Early News Service. 7.15: Bright Music. 8.5: Weather, News, Markets and Stock Sales. 8.30: Music. 8.45: Kiddie Kapers. 9.0: Close.

12.0: Olimes and Waits Favorites, conducted by Uncle Jim. 12.20: Interlude.

★ 12.30: RADIO RASCALS.

1.30: Music. 2.0: Close. 5.30: Children's Session. 6.0: Dinner Music. 6.30: Entertainment News.

★ 6.45: 2MO CIVIC THEATRE CLUB SESSION.

7.0: Bright Entertainment. 7.15: Race Broadcaster. 7.30: Flemington Report and Stock Sales. 7.35: Music.

★ 8.30: COMEDY INTERLUDE.

9.0: The Happy Hour. 9.30: Weather Report. 10.0: Close.

★ 2CA CANBERRA,
1050kc. 286m.

12.30: Luncheon Music. 12.45: Horoscope Reading. 12.50: Music. 1.0: Candid Comments on Current Releases. 1.15: Weather Forecast. 1.30: Close.

5.30: Children's Session. 5.45: Adventures of Angelina, Ben and Tom. 6.0: Children's Story. 6.20: Children's Birthday Cheerios.

6.30: What's on in Canberra. 6.35: Dinner Music. 7.0: Australian Rules Football Talk. 7.15: Vocal Quarter Hour. 7.25: Tomorrow's Weather.

7.30: Songs of Yester Year. 7.45: Famous Dance Bands. 8.0: Famous Orchestras.

8.15: Hillibilly Session. 8.30: Favorites, Old and New. 8.45: Humor. 9.0: Famous Overtures. 9.15: Popular Dance Tunes of Yesterday. 9.30: Instrumental Quarter Hour. 9.45: Relaxation Music. 10.0: Station Announcements and Close.

★ 2GN GOULBURN,
1390kc. 216m.

Day Sessions as Monday. 5.30: Entertainment for Tiny Tots. 5.45: Serial Story for Children. 6.0: Dinner Music.

7.0: Selections from Talkies and Ritz Screen News. 7.15: Popular Releases. 7.45: Radio Play—The House of Peter MacGregor. 8.0: Selected Musical Programme. 8.45: Radio Play—Charlie Chan. 9.0: Popular Releases. 9.45: Latest Releases. 10.0: Dance Programme. 10.30: Close.

★ 2TM TAMWORTH,
1300kc. 231m.

6.0: Alarm Clock. 6.0: Kookaburras. 6.0: March. 8.5: News. 8.15: Morning Hymn.

6.20: Wheat Waving. 6.45: Market Reports. 7.0: Magninly Singing. 7.15: Popular Music. 7.45: Feature Programme. 8.0: News. 8.15: Ken's Choice. 8.30: Popular Music. 8.45: Songs for Mother. 9.30: Hospital Calls. 10.0: Women's Session—Mrs. Langford Penny. 10.2: Music. 10.15: Concert Programme. 10.30: Radio Recipe Session. 10.45: Correspondence. 11.0: Mrs. Langford Penny Reads a Story. 11.30: Correspondence. 11.45: Music. 12.0: Middy Melodies. 1.0: Bright Music. 2.0: Musical Moments. 3.0: John Whitmore Reads a Story. 3.30: Mirth and Melody. 5.0: Possum Club Community Singing from the Theatre of Happiness. 6.0: Boy Scouts' Session. 6.15: Dinner Music. 7.0: Best Beta. 7.15: Harmonics. 9.0:

ON THE SHORT WAVES

5.50 a.m. (GSI 19.6, GSB 31.5, GSD 25.5, GSG 16.8): Talk on "The England I Fidd." By men and women from overseas now earning their living in England. 6.5: Old-time Music Hall. 6.45: Close.

6.0 a.m. (JZJ 25.4, JZE 19.79, TPA3 25.23, OLR4A 25.34): Musical Programmes, with News in English from JZJ and JZE at 6.0, TPA3 at 6.10, OLR4A at 7.0, and JZE and JZJ at 8.15 a.m.

6.0 a.m. (DJD 25.4, DJL 19.8, DJO 49.8): Military Concert. 6.30: String Quartet in A Minor, Op. 29 (F. Schubert). 7.0: News. 7.20: Close.

7.0 a.m. (GSO 19.7, GSB 31.3, GSP 19.8, GSG 16.8): News. 7.20: The B.B.C. Orchestra, with H. Barr (Trumpet). 8.15: Dance Music. 8.30: English Country Dance Airs. 9.0: Close.

7.50 a.m. (DJN 31.4, DJA 31.3, DJB 19.7, DJQ 19.6): German Folk Songs. 8.0: New Chamber Music for String Quartet. 8.30: Choice Records. 8.45: News in German. 9.0: More Choice Records. 9.15: The House of Three Nieces—A Musical Stag Party. 10.15: Sound Pictures. 10.30: Variety.

9.20 a.m. (GSO 19.7, GSP 19.6, GSD 25.5, GSF 19.8): London Merry-Go-Round—Scenes from West End Shows. 10.0: The B.B.C. Theatre Organ. 10.30: No. 4 Talk on "Tommy Atkins." 10.45: Pianoforte Recital. 11.10: News. 11.30: Close.

10.0 a.m. (OLR4A 25.34): Station Announcements. 10.5: Tramp Songs. 10.20: Greetings to Slav Women in America. 10.30: Light Music. 10.45: Czech News. 10.55: Songs from Chodsko. 11.15: Musical Evening. 11.30: News in English. 11.40: Military Band. Noon: Mail Bag Session. 12.10: Close.

11.15 a.m. (DJR 19.56, DJQ 19.6, DJB 19.7, DJN 31.4, DJA 31.3): News in English. 11.30: Little Folk Music. 11.40: German Achievements (English). Noon: News in German. 12.15: Popular Orchestral Concert. 1.30: News in English. 1.50: Close.

Neon (GSB 31.5, GSD 25.5, GSI 19.6, GSG 16.8): The Arthur Dulay Quintet, with Glyn Eastman (Baritone). 12.40: Talk on "The Companions of the City of London." 12.65: A London Merry-Go-Round—Scenes from Cabarets and London shows. 1.40: News. 2.0: Close.

12.45 (3LR 31.34): "At Home and Abroad," by "The Watchman." 1.0: Victorian News. 1.5: Interstate Weather. 1.15: Music. 3.0: School Broadcast—"Adventures in Music." 3.20: Classic Music. 5.0: Close.

1.0 p.m. (TPA4 25.6): Recorded Music. News in French and English. Records. News in German. 3.0: Close.

2.30 p.m. (GSB 31.5, GSD 25.5, GSG 19.8): Airs of Ulster—The B.B.C. Northern Ireland Orchestra. 3.0: "Here Lived a Captain Cook." 3.15: Old-time Music Hall. 3.55: News. 4.15: The Goodwood Cup—Commentary from Goodwood Racecourse, Sussex. 4.45: Close.

3.10 p.m. (DJN 31.4, DJA 31.3, DJL 19.8, DJB 19.7, DJQ 19.6): A Colorful Concert. 4.0: News in German. 4.15: Concert (Continued). 4.50: GREETINGS TO AUSTRALIAN LISTENERS. 5.0: News in English. 5.15: Sound Pictures.

5.45 p.m. (DJB 19.7): A Stag Party in Music. 6.45: Gay Orchestral Music. A Comedian Overture. A Serenata. 7.15: German Language and Science in Siam. 7.30: German News. 8.0: Songs by Robert Franz. 8.15: Close.

6.30 p.m. (3LR 31.34): Finance and Commerce. 6.45: Sporting. 7.0: Current Books Worth Reading—By V. Palmer. 7.20: National News. 7.30: Queensland and N. Australian News Bulletin. 7.40: Markets and Weather for N. Australia. 8.10: Recital by Sydney MacEwan (Tenor). 8.40: Melbourne Programme. 9.15: Light Orchestral Programme from Hobart. 9.40: Variety from Adelaide. 10.30: News. 10.50: Meditation Music. 11.50: Close.

7.0 p.m. (3ME 31.3): Recorded Music. 8.0: Operatic Selections. 9.0: News. 9.15: Songs by Sopranos and Contraltos. 10.0: Close.

8.45 p.m. (GSO 19.76, GSG 16.8, GSH 13.97): Big Ben. Light Orchestral Music. 9.15: London Merry-Go-Round—Scenes from Cabarets and West End Shows. 10.0: The B.B.C. Empire Orchestra. 11.0: Kayles to St. Merryn—Visit to Cornish Arms, the Scene of the Skittles Games. 11.20: Military Marches. 11.30: News. 11.55: Close.

★ SCHEDULES OF OTHER STATIONS

7.0 a.m.: CWS (27.17), WEXAF (31.48), 9.15: TPA4 (25.6), 10.0: RKI (19.1).

3.0 p.m.: COGQ (30.77), XEWW (31.58), 4.0: TPA3 (25.23), 6.45: JVN (28.14).

7.0 p.m.: ZBW (31.49), 7.45: KZRM (31.35), 8.30 p.m.: VPD2 (19.76), PIP (27.2), PMN (29.2), YDB (31.3), YDC (19.8), RWIS (10.0).

9.0 p.m.: 3ME (31.28), DJB (19.7), DJE (16.8), DJQ (19.6), 10.0 p.m.: COGQ (30.77), HJIABP (31.2), XGOX (43.8), PMH (44.60), WEXAL (49.8).

11.0 p.m. PHI (16.88), 2RO (25.4), JZE (19.79), JZJ (25.42).

Popular Music. 0.15: New Releases.

9.30: Radio Rhythm. 9.45: Songs of Home (Germany).

10.0: Listener-arranged Programme. 11.0: Close.

★ 2KA KATOOMBA,
1160kc. 259m.

7.30: Morning March. 7.35: The Early Bird. 8.0: News Service. 8.10: Breakfast Brightness. 8.30: Housewives' Shopping Session. 9.0: Morning Hymn. 9.30: Hospital Cheerios.

10.0: Ladies' Club. 10.30: Morning Interview. 11.10: Story. 12.0: Morning Musicale. 1.0: Luncheon Music. 1.30: Radio Rhythm. 2.0: Close.

6.0: Children's Session. 6.15: The Pearl Pirates. 6.30: Dinner Music. 7.0: Swing Cocktail. 7.15: Music That Charms. 7.30: An Organ Interlude. 7.45: B.B.C. Artists. 8.0: Paul

Whiteman's Orchestra. 6.15: Music of Albert Ketelbey. 8.30: Songs of the Island.

8.45: The Count of Monte Cristo. 9.0: Address by the Mayor of Katoomba. 9.15: Songs of Scotland. 9.30: New Releases. 9.45: Dance Music. 10.0: News. 10.5: On With the Dance. 10.15: Slumber Music. 10.30: Close.

★ 2AD ARMIDALE,
1080kc. 278m.

7.0: Morning Hymn. Band Music. 7.15: News, Markets, and Weather Reports. Musical Moments. 7.30: Birthday and Cheerio Calls. 8.0: Listeners' Request Session. 8.30: Show Selections. 8.50: What's on the Air? 9.0: Devotional Session. 9.15: Close. 12.0: Programme Review. Music. 12.45: The Radio Rascals. 1.30: Lunch Music. 2.0: Close. 6.0: Dinner Music and Birthday Calls. 7.0: Band Selections.

FRIDAY - - - - - *Continued*

7.30: For the Man on the Land.
8.8: Irish Session, 8.30: Dance Music, 8.45: Charlie Chan.
9.30: News, Markets, and Weather Reports, 9.45: Music Lovers' Session, 10.10: Slumber Music.
10.27: Tranquillity Tales, told by John Creighton, 10.30: Close.

2GF **GRAFTON,**
1210kc. 248m.

7.30 to 8.30: Merry Morning Session, 12.0 noon: Weather, 12.30: Music, 1.15: Musical Box, 1.30: Church Services, 1.45: Music, 2.0: Close.

8.30 to 9.0: Uncle Col and Kitty will entertain the children, 9.0 to 9.30: Dinner Music, 9.30 to 9.45: Musical Pot-pourri.

7.15: The House of Peter MacGregor, 7.30: Church Notices, 7.40: Music, 7.40: News, 7.45: Music, 8.0: Music.

8.15 to 9.0: Dance Programme, 9.0: The Cub Reporter, 9.30: News, 10.30: Close.

2LM **LISMORE,**
900kc. 333m.

7.0: 2LM's Early Bird, 7.5: Hospital Cheerios, 7.15: Birthday Calls, 7.30: 2LM's Market Place, 7.45: Music, 8.30: News, 10.0: Close.

12.0: Music, 1.0: Lunch Programme, 2.0: Recorded Rhythm, 3.0: Close.

5.30: Children's Corner, with Aunt Mollie.

6.0: Dinner Music, 6.30: Musical Comedy Moments.

7.0: The Rambling Pianist, 7.15: Sporting Session, 7.30: Gilbert and Sullivan Gems, 7.45: Torch-bearers of History, 8.0: Donald Novis.

8.15: Funfest.

8.45: N.R.M.A. Notes, by Mr. W. Mason, 9.0: Spot of Comedy, 9.30: New Releases, 9.45: Dance Time, 10.0: News, 10.30: Close.

2RG **GRIFFITH,**
1470kc. 204m.

6.0: Children's Session, 6.30: Music Lovers' Potpourri, 7.0: Songs at the Piano, by Cyril James, 7.15: Australian Artists in Person, 7.30: Market Reports, 7.35: Cultural and Horticultural, 7.45: Pianoforte Recital, 9.30: One Hour Dance Programme, 10.30: Good-night Song.

2AY **ALBURY,**
1480kc. 203m.

12.0: Open, 12.30: News, 1.15: The Music Box, 2.0: Close.

8.0: Children's Community Singing, 6.0: Dinner Music, 6.30: Argus Session of Melody, 7.0: Gramophone Programme, 7.30: Sporting Session, conducted by Mr. Bunton.

8.0: Charlie Chan, 8.15: Sponsored Hour, 9.15: The Home of Peter MacGregor, 9.30: The Countryman's News, 9.45: Dance Programme, 10.30: Close.

2QN **DENILIQUN,**
1440kc. 208m.

7.30: Brighter Morning Music, 8.0: News, Weather, etc., 9.0: Close.

11.0: Women's Session, conducted by Evelyn Ann, 12.0: Luncheon Music, 1.0: News Bulletin, Weather Forecast, etc., 2.0: 2QN Children's Session, 7.0: 2QN Sporting Commentator, 7.45: Musical Moments, 8.0: Collins Street Mission, 8.30: Deniliquin Traders' Session, 9.15: Little Collins Street Session, 9.30: News Bulletin, 9.45: Sponsored Session, 10.0: 2QN Session of Brighter Numbers, 10.30: Close.

2BH **BROKEN HILL,**
1060kc. 283m.

7.0: Early Morning Melodies, 7.15: News, 9.0: Close.

1.0: Happiness Session, 2.0: Close.

5.0: Children's Session, 5.30: Variety, 6.0: Dinner Music, 6.30: News and Stocks, 7.0: Musical Medley, 7.45: Sporting Comments, 8.0: Something of Everything—A Gay Potpourri, 8.45: House of Peter MacGregor, 9.0: News, 9.15: Favorite Songs, 9.30: Dance Programme, 10.30: Close.

2BS **BATHURST,**
1500kc. 200m.

7.0: Opening Theme Song, 7.15: News, 7.30: Stock Market, and Weather Reports, 8.0: Breakfast Music, 8.15: Musical Jewels, 9.0: Close.

12.0: Chimes, 12.5: Orchestral Interlude, 12.15: News—Local and Overseas, 12.30: Weather Report, 12.35: Luncheon Music, 1.30: Radio Rhythm, 2.0: Close.

5.0: Children's Session, 6.0: Jokes and Serial, 6.15: News, 6.30: Dinner Music, 7.0: Music, 7.30: Football Topics, 8.0: Latest Releases, 9.0: Dance Programme, 10.0: Close.

3LO **MELBOURNE,**
770kc. 290m.

9.30: The Radio Serial, "The Barra-kee Mystery," by Arthur W. Upfield, Read by "Scribe."

10.0: Air Mails, British Official Wireless News, London Silver, Foreign Exchange, Fish Markets, 10.10: Current Happenings in Sport, by A.B.C. Commentator.

10.30: Women's Session, conducted by "Judith."

"Malaya—The Beautiful" — "The Wandering Scot," "The Spotlights: The Animal Hospital"—Miss Hattie Knight.

11.0: A Talk by Miss Helen Simpson.

11.15: Daily Broadcast Service, 11.30: Close.

12.0: Broadcast to Schools—Stories from World History: "The Crowd on a Road—The Canterbury Pilgrims"—Mr. J. L. Pryor.

12.20: Stock Exchange, London Metals, Corn Exchange, Crayfish, Livestock.

12.45: At Home and Abroad, by "The Watchman," 1.0: Midday News Bulletin.

1.5: Interstate Weather, etc., 1.15: Music, 1.55: Stock Exchange, Shipping, 2.0: Close.

3.0: "Adventures in Music" — Professor Bernard Heinze, F.R.C.M.

3.30: "Khyber," Written by Edmund Barclay, Episode the Eighteenth: "Saved and Lost," Production: John Cairns, 4.0: Close, 5.0: Operatic Gems.

5.20: Tiny Tots Session.

5.30: Young People's Session — (S.) A Radio Serial—"The People of the Black Peacock," (M.) Mandy Lou writes another Play. This time it's a Hill Billy one. Good-night.

6.0: Dinner Music, 7.40: (M.) Harry Bloom's Tango Band, (See 2FC).

8.10: (B.) Songs of the Fair," (See 2FC).

8.40: (M.) Feminine Frivolities, (See 2FC).

9.15: (H.) Echoes of the Russian Ballet, (See 2FC).

9.40: (A.) Variety, (See 2FC).

10.10: (H.) B.B.C. Recorded Programme of the Ceremony of Guard Mounting, Commentary by Mr. Douglas Clarke.

10.40: Meditation Music.

11.20: A Summary of the Day's News, 11.30: Close.

3AR **MELBOURNE,**
630kc. 470m.

6.30: Weather, Mails and Shipping, 6.40: (S.) Brief Summary of Market Reports, 6.45: (M.) Early News, 6.50: (S.) National News, 7.0 (M.) Victorian Produce Livestock.

7.5 (S.) Morning Music, 8.0 (M.) Early News, (S.) British Official Wireless News.

8.15: Morning Music, 9.10: Melbourne Weather, 9.11: Music, 9.15: March Tunes for Schools, 9.30: Close.

11.30: Air-mails, Music, 11.45: Stock Exchange, London Metals, 12.0: Luncheon Music.

1.0: From Melbourne Town Hall—Midday Concert, by A.B.C. Studios, Symphony Orchestra, conducted by Joseph Post, Solo Organist: William McKie, The Orchestra: Overture to Egmont (Beethoven), Symphonic Poem: Les Preludes (Liszt), Organ and Orchestra: Fantasia Diabola for Organ and Orchestra (Boellmann), The Orchestra: Berceuse and Prælude (Jarnfelt), Polka and Fugue (Weinberger).

2.0: Music, 2.45: Descriptions will be given of the Public Schools Football Match—Melbourne Grammar School v. Wesley College, at Olympic Park, 5.0: Close.

5.30: Early Evening Music, 6.0: German Session—Dr. Anita Rosenberg, (a) Die Balade von Orhana von Tomynson in der Uebersetzung von Freligraht, (Die schoensten Gedichte der Weltliteratur aus dem Phaidon-Verlag), (b) Deutsche Spilchwoerter, (c) Wie wird das Wetter?

6.15: Countryman's Session, 6.45: Sporting Session, conducted by A.B.C. Commentator.

7.0: (M.) National Talk—Current Books Worth Reading—Vance Palmer.

7.20: National News Bulletin, 7.35: Links With the Past, 7.40: For Farmers Only—Review and Forecast of Livestock Markets—Mr. M. McNamara.

7.47: Mail Box—Mr. Leith Gillespie.

8.0: "Hobble Chains and Wattle," compiled by Reginald Stoneham, Half-an-hour with The Shearers and Drivers of Moonooloo Station, Production: Paul Daly.

8.30: From Hall of Honor, Geelong, Community Singing, conducted by J. Finlay.

9.0: Pat Hanna Presents "Chic and Blue Visit Old Totness," 9.25: From Hall of Honor, Geelong — Community Singing (contd.).

9.55: Sporting Previews, conducted by A.B.C. Commentator.

10.15: News, 10.30: Close.

2CO **COROWA,**
670kc. 448m.

6.30: See 2BL, 6.50: See 3AR, 9.30: See 3LO, 11.30: Close.

12.0: See 3LO, 12.35: News, 12.45: See 3LO, 1.15: See 3AR, 1.55: See 3LO, 2.0: Close.

3.0: See 3LO, 4.0: Close.

5.0: See 3LO, 6.0: Local Session, including Market Reports from Albany, 8.15: See 3AR, 7.35: Local News Service, 7.40: See 3AR, 8.40: See 3LO, 11.30: Close.

4QG **BRISBANE,**
800kc. 375m.

6.30: Weather, Markets, Air Mails, 6.35: News.

6.50: (S.) Morning News Bulletin, 7.0: (S.) Morning Music, 8.0: Second News, 8.15: Morning Music, 9.0: Close.

10.30: The Daily Broadcast Service conducted for the Roman Catholic Church.

10.45: Women's Hour, conducted by Miss Rita Humphress.

11.0: (M.) Talk by Miss Helen Simpson, 11.15: Music.

11.45: Talk by Mrs. H. S. Dean, M.S.C.: Awheel in Wales.

12.0: Broadcast to Primary Schools by P. W. Radcliffe—Stamford Bridge, Hastings (Laurence Binyon) from the Bentley Ballade, The Norman Baron (H. W. Longfellow), 12.15: Music.

12.30: Markets, Weather, 12.35: (M.) At Home and Abroad—A News Commentary by The Watchman, 1.0: News, 1.10: Lunch-time Ramble, 2.0: Close.

3.0: (M.) Broadcast to Schools by Professor Bernard Heinze, F.R.C.M.: Adventures in Music, 3.30: Music.

3.45: A Short Story, told by Dion Wheeler: Yachting, by Nollie Brennan, 4.10: News, 4.15: Close.

5.15: Children's Session for the Tiny Tots, 5.30: (S.) Children's Serial Play—The People of the Black Peacock.

5.40: Here's Horace.

6.0: Dinner Music, 6.25: Movements of Air Mail, Plans, Stock Exchange Report, 6.27: Countryman's Service Session, 6.45: Racing Notes, 6.55: General Sporting.

7.0: (S.) Current Books Worth Reading, 7.20: (S.) National News Bulletin, 7.30: News.

7.40: (M.) Harry

Bloom's Tango Band, (See 2FC), 8.10: (B.) Songs of the Fair (see 2FC), 8.40: The Egotist (see 2FC), 9.15: (H.) Echoes of the Russian Ballet (see 2FC), 9.40: (A.) Variety (see 2FC), 10.15: Meditation Music (r.), 11.20: Weather, News, 11.30: Close.

5CL **ADELAIDE,**
730kc. 411m.

Main Features:—

1.30: Community Singing, 2.30: National Broadcast to Schools—Adventures in Music conducted by Professor Bernard Heinze.

3.15: Educational Broadcast by Dr. F. C. Naegeli, M.L.D. (Zurich)—German Conversation, 5.30: Tiny Tots' Corner, 5.40: Young People's Session, 6.0: Dinner Music, 7.20: What of the Roads?—A Talk under the auspices of the Royal Automobile Association, by Mr. S. T. Pacy, 7.40: Songs of the Fair, (See 2FC), 8.10: Promenade Concert (r.), 9.0: Weather Bulletin and Announcements, 9.10: Variety, (See 2FC), 9.40: The A.B.C. (Adelaide) Studio Orchestra, conducted by William R. Cade, with Howard Bauerschoche (tenor), 10.0: News, Weather Bulletin, and Aviation, 10.10: Racing Anticipations for Tomorrow's Races, 10.15: A Talk by Mr. Roy Colmer on Tomorrow's League Football, 10.25: World Radio—A Weekly Talk by Short-wave, 10.35: From the Palais Royal—Dance Music by the Palais Royal Dance Band, conducted by Harry Boake Smith, 11.0: Time Signal, 11.1: Dance Music (contd.), 11.25: News, 11.30: Close.

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“QUEEN VICTORIA”

— Her Life and Reign —

Every
TUESDAY } 8.15 p.m.
THURSDAY }

An
Epic
of
Royalty

ZUE

SATURDAY

{ JULY 31 }

2FC SYDNEY,
610kc. 492m.

Day Sessions as Friday, except:
10.15: A Racing Talk by the A.B.C. Racing Commentator.
10.30: Miss Hoyles will speak on Handicrafts.
1.22: FROM MOOREFIELD: Description of the Complete Racing Programme. NOTE: During intervals between races, description of the Melbourne Races will be given wherever possible.
5.0 (approx.): Music.
5.20: "Tiny Tots' Session."
5.30: YOUNG PEOPLE'S SESSION."
Kutie Kids' Kollege.
Bryson and Pat.
7.40: JUST A LITTLE BIT OF GOLD. (See Panel)
8.0: THE SYDNEY SYMPHONY ORCHESTRA. (See Panel)
6.53: TWO-PIANOFORTE RECITAL. (See Panel)
9.10: Interlude.
9.15: "PRINCESS OH LA LA." (See Panel)
10.0: THE ZIGUENER BAND. (See Panel)
10.35: Late Sporting Results.
10.40: Meditation Music (r.).
11.20: Late Weather and News.
11.30: Close.

2BL SYDNEY,
740kc. 405m.

Day Sessions as Friday, except:
12.7: A Pianoforte Recital (r.) by "RENARA."
12.30: Vocal and Instrumental Music for the Lunch Hour (r.).
1.30: Radio Rhythm (r.).
2.0: Afternoon News.
2.10: Music of the Moment (r.).
3.15: FROM WAVERLEY OVAL—Description of Football—Eastern Suburbs v. Manly. (Interpersed with Recorded Musical Interludes from the Studio).
5.0: Music.
6.15: Weather Report, Stock Exchange Report, Tasmanian Post-Office Report.
6.35: SPORTING SESSION—Results and Comments.
7.20: NATIONAL NEWS BULLETIN.
7.30: Local News.
7.35: Music.
8.0: Wednesday's Weights, by the A.B.C. Racing Commentator.
8.10: THE RADIO ROUNDSMAN. (See Panel)
8.35: WIN AND WINDLE. (See Panel)
9.0: TERPSICHORE. (See Panel)
12.0: Close.

2NC NEWCASTLE,
1230kc. 244m.

6.30 to 9.0: Relayed from 2BL.
10.0 to 10.50: Relayed from 2FC.
10.50 to 11.0: FROM 2NC NEWCASTLE STUDIO: News Service by courtesy of the "Newcastle Morning Herald."
11.0 to 11.30: Relayed from 2FC.
12.0 to 3.15 approx.: Relayed from 2FC.
Approx. 3.15 to 5.0: Description of Local Football Match, interspersed with Race Descriptions from 2FC.
5.0 to 7.0: Relayed from 2FC.
7.0 to 7.10: Local Sporting Results from 2NC Studio.
8.0 to 7.0: Relayed from 2FC.
7.0 to 7.15: 2NR Studio—Local Sporting Results from the Northern Rivers.

2NR NORTHERN RIVERS,
700kc. 429m.

6.30 to 9.0: Relayed from 2BL.
10.0 to 10.50: Relayed from 2FC.
10.50 to 11.0: Local News from the "Grafton Examiner."
11.0 to 11.30: Relayed from 2FC.
12.0 to 6.0: Relayed from 2FC.
6.0 to 7.0: Relayed from 2BL.
7.0 to 7.15: 2NR Studio—Local Sporting Results from the Northern Rivers.
7.15 to 7.35: Relayed from 2BL.
7.35 to 11.30: Relayed from 2FC.

2CR CENTRAL REGIONAL,
550kc. 545m.

6.30 to 8.0: Relayed from 2BL.
10.0 to 10.30: Relayed from 2FC.

2FC 7.40

JUST A LITTLE BIT OF GOLD

An Adventure of DIRTY DANKS: by ANON.

"The scene is a wild and remote retreat in the Australian Bush. The year is 1876, and Dirty Danks, a notorious bushranger, has for some months past indulged in an orgy of hold-ups, station robberies, and other kindred lawless exploits which cause the authorities much concern. Only a few hours previous, Dirty Danks has held up the mail coach . . . and taken captive one Miss Hammett, the beautiful daughter of Mount Keddie's leading storekeeper."

These lines introduce a melodrama which has been chosen, with the author's consent, as an illustration of how NOT to write a modern radio play.

Production: CHARLES WHEELER.

2FC 8.0

THE SYDNEY SYMPHONY ORCHESTRA

Conducted by
PROFESSOR GEORG SCHNEEVOIGT
Eminent Finnish Conductor

Classical Symphony (Prokofieff)
Eight Russian Polk Songs (Liadus)
Pastorale Suite (Palmgren)
Karelian Rhapsody (Klami)

2FC 8.55

TWO-PIANOFORTE RECITAL

By MILDRED SPRING and BARBARA SLACK

Pas des Cymbales (Chaminade)
Valse (Arensky)
Pierrot Triste (Cyril Scott)
(Arranged for two pianos by Irene Arnold)
Rush Hour in Hongkong (Abram Chasfins)

2FC 9.15

The A.B.C. Musical Comedy Company
Presents

PRINCESS OH LA LA

A Comic Opera Satire in 2 Acts by
THE A.B.C. (Melbourne) WIRELESS CHORUS AND ORCHESTRA

Under the Direction of Cecil Fraser.

2FC 10.0

GIPSY SONGS AND DANCES

By
THE ZIGUENER BAND

Waltz: Gipsy Baron (Strauss)
Piccolo Chardas (Criscolino)
Song: Play, Fiddle, Play (Deutsch)
Gipsy Life (Taylor)
Balalaika Duet (arr. Henri Penn)
Russian Folk Song: Bu-Ben-Tay (Sleigh Bells) (Phasgy)
Ziguener Lust (Phasgy)

10.50 to 11.0: FROM 2CR STUDIO—News Service by Courtesy of the "Orange Advocate."
11.0 to 11.30: Relayed from 2FC.
12.0 to 6.0: Relayed from 2FC.
6.0 to 7.10: Relayed from 2BL.
7.10 to 7.20: FROM 2CR STUDIO—Local Sporting Results.
7.20 to 11.30: Relayed from 2BL.

2UE SYDNEY,
950kc. 316m.

Day Sessions as Friday, except:
6.40: Track Gallops direct from Randwick at intervals.
8.0: Randwick Track Highlights.
8.15: Cliff Curby and his Sweet Rhythm.
11.0: Greetings and Club Movements—Mrs. Filmer.
11.30: The Call to Youth Club.
★ 12.0: COMPLETE SPORTING SERVICE, and DESCRIPTION of the MOOREFIELD (Sydney) RACES and MOONEE

VALLEY (Melb.) RACES, relayed to 2WL and 2KA, interspersed with Music.
1.0: News Service.
5.0: A Musical Cocktail. 6.10: Sporting Review and Summary by Ken Johnston. 6.20: Rhythm of To-day.
6.30: Dinner Music.

★ 6.50: COMMENTARY ON THE DAY'S RACING—KEN JOHNSTON.
7.0: Bright Music.
7.12: Box Positions from Harold Park. 7.22: Music we Remember.
★ 7.27: DESCRIPTION OF THE GREYHOUND COURSING FROM HAROLD PARK. Maiden Stake.
7.32: Music.
7.45: Trial Stake.
7.50: The Reporter of Odd Facts.
7.57: Encourage Stake. 8.5: Music.
8.13: Approved Stake.
8.20: The Vicar.

8.29: Progressive Stake. 8.34: Music that Cheers.
8.45: Harold Park Stake. 8.50: Music.
9.0: Tramway Stake. 9.5: Dance Music.
9.17: No. 1 Hurdles. 9.22: Dance Music.
9.23: No. 2 Hurdles. 9.38: Dance Music.
9.49: Club Stake. 9.54: Dance Music.
10.5: Electric Light Stake. 10.10: Dance Music.
10.21: President's Stake. 10.28: Continuous Dance Music. 11.25: News Service. 11.30: Close.

2CH SYDNEY,
1190kc. 252m.

Day Sessions as Friday, except:
10.2: Morning Devotion—Rev. A. E. Walker.
★ 3.15: DESCRIPTION OF BASEBALL MATCH, PETERSHAM OVAL—RANDLE ENGRAVING v. GOODYEAR.
5.30: The Hello Man's Children's Session.
6.15: Dinner Music.
★ 6.35: SPORTING RESULTS, BY B. C. BUTTON.
6.50: Weather Report. 6.51: Dinner Music.
★ 7.0: "COMEDY CLUB"—COMPARED BY EDWARD HOWELL.
7.10: Harmony Girl. 7.15: Rhythm Revelry.
7.25: Sally Paige at the Piano. 7.30: Festival of the Bands. 7.50: Night and Day.
★ 8.0: "MUSIC FOR YOU"—A MUSICAL EXTRAVAGANZA.
12.0: Close.

2GB SYDNEY,
870kc. 345m.

Day Sessions as Friday, except:
★ 9.0: UNCLE FRANK'S CHEER-UP SESSION—SINGING LED BY CHOIR OF FLEMINGTON PUBLIC SCHOOL.
10.0: Musical Programme, conducted by E. Mason Wood.
10.30: Mr. Harold Morton—Book Reviews. 10.45: Music.
11.0: News. 11.9: Hall of Song. 11.45: Music.
1.0: Music. 1.25: News. Music. 1.30: Tunes from the Radio Library.
★ 1.45: THE GARDEN BEAUTIFUL—MR. S. H. HUNT.
2.0: New Tunes for Old.
2.15: Special Session of New Recordings.
★ 2.30: FRED WARING AND HIS PENNSYLVANIANS.
3.0: ARGUS, THE ADVISER.
3.10: Music. 3.15: Jewel Box.
3.30: Music. 3.45: Dance Rhythms.
4.0: For Men Only—Air Your Grouch. 4.30: Music.
4.45: Children's Session—Uncle George. 5.30: Crazy Kollere.
5.35: Children's Session (Continued).
6.0: Terry and Ted. 6.15: Feature Session, presenting the Music Box.
6.35: Final Sporting Resume—Mr. Oscar Lawson.
★ 6.55: MY DREAMS AND YOURS—A B.S.A. PRODUCTION.
7.5: Music.
★ 7.10: STAN BORNE AND HIS GINGER JAR DANCE ORCHESTRA—PRESENTED BY JACK DAVEY.
7.30: Revolution in Mexico—A B.S.A. Production. 7.45: Musical Moments, featuring Wide Range Orchestras and Vocalists. 8.0: World Revue.
8.15: Cafe Round the Corner—A B.S.A. Production. 8.30: Music.
8.45: Story Behind the Song.
9.0: Radio Pie.
9.30: Feature Session, presenting Ivor Morton and Dave Kaye on Two Pianos, with Fred Astaire, Vocalist. 9.45: Leaf Parade.
★ 10.0: 2GB NEWS REVIEW.

SATURDAY - - - - - Continued

10.15: A Concert in Brighter Vein.
10.45: Special Session of New Recordings.
11.0: Dance Session. 11.25: News.
11.30: Close.

2UW SYDNEY, 1110kc. 270m.

Day sessions as Friday, except:
8.45: Junior Farmers' Session.
★ 9.30: SPORTING SESSION, CONDUCTED BY CYRIL ANGLES, WITH SUGGESTIONS FOR MOOREFIELD AND MOONEE VALLEY.
9.50: Greyhound Form and Selection.

10.0: Track Gallops and Jockeys' Engagements. 10.30: Around the Bandstand. 11.15: Dance Music. 11.30: Light Orchestral Music.

★ 12.30: COMPLETE SPORTING SESSION—RESULTS OF ALL SPORTING EVENTS, WITH BRIGHT MUSIC.

★ Descriptions of Moorefield Races by Cyril Angles.
★ Descriptions of Moonee Valley Races by Eric Welch.

4.50: Official Radio Prices, All Races.
5.0: Light Orchestral Music.

★ 5.5: CHILDREN'S SESSION—A CHILDREN'S PLAY, PRESENTED BY TOM HUDSON.

5.45: Nursery Rhymes. 5.55: The Talk of the Town. 6.0: The Latest Foxtrots.

6.10: Race Results and Reproductions—Moorefield and Moonee Valley. 6.30: Dinner Music. 6.50: General Sport—Final Results.

7.0: Orchestral Selections. 7.10: Box Positions, Greyhound Races. 7.15: George Edwards in "An Evening with Darryl and Joan."

★ 7.45: DESCRIPTIONS OF GREYHOUND RACES—CYRIL ANGLES; FROM HAROLD PARK, SPORTING COMMENTARIES INTERSPERSED WITH MUSIC.

10.30: Results, All Greyhound Races. 10.45: From the Console. 11.0: Dance Music.

★ Midnight Session as Friday, except:
12.15: Carnival.

2SM SYDNEY, 1270kc. 236m.

Day Sessions as Friday, except:
1.0: Saturday Matinee—Miss Doreen McKay.

★ 3.0: THE JUVENILE AMATEUR HOUR—COMPERE, JOHN DUNNE.

4.0: Matinee (Continued).
4.45: Jim Sampson and Trevor Rolfe—The Piano Knaves—in Rhythm on Two Planos.

5.0: Uncle Tom and his Gang.
6.0: Angelus. 6.1: Uncle Tom's Session (Continued).

★ 6.30: Dinner Session—Dominic Harnett. 7.15: Resume of To-day's Football—S. Nagle.

★ 7.30: OUR DOCTOR TELLS. 7.45: Patterns in Harmonies.

★ 8.1: Programme of Selected Musical Items. 8.30: The Grocer Entertains.

★ 9.0: RADIO DANCE NIGHT.

10.0: Records of the Week—A Review. 10.25: When You Come to the End of the Day—Paul Oliver. 10.30: Close.

2KY SYDNEY, 1020kc. 294m.

6.45: Weather Report, News and Commentary. 7.0: Musical Programme.

8.30: Saddles and Songs—H. C. Collins, Benny Oddy and Muriel Grant. 9.0: What's On?—With John Harper.

★ 9.15: The World To-day in Boxing—Ted Turner. 9.30: Music.

★ 10.0: FROM EMPIRE THEATRE—2KY RADIO PARTY, WITH ALGY BION, AND A BIG PROGRAMME OF NOVELTIES.

11.0: Track Gallops—Ken Howard. 11.5: Music. 11.30: Close.
★ 12.0: BROADCAST OF RACES FROM MOOREFIELD—KEN HOWARD, RESULTS OF MELBOURNE RACES—RELAYED TO 2GZ.

and Uncle Bert. 6.37: Spot of Humor. 6.45: Dinner Dance Music and Rhythm.

7.15: News Commentary. 7.25: Resume of Day's Sports—Andy Flanagan. 7.35: Music.

★ 8.0: DANCE HOUR.
★ 9.0: BROADCAST OF WRESTLING FROM LEICHHARDT STADIUM—DESCRIBED BY TED TURNER.

10.30: Happy Hour. 11.0: Your Favorite Artist. 11.15: Variety Music. 12.0: Close.

2GZ CENTRAL N.S.W., 990kc. 303m.

Day Sessions as Friday, except:
6.50: Producers' Service Session—Poultry, Bees, etc.

★ 11.0: Tonic Topics. 11.30: Music. 11.45: Musical Adventure.

★ 1.0: MOOREFIELD RACE DESCRIPTIONS, and Results of MELBOURNE RACES, with Music.

1.5: British Official Wireless News. 1.15: Weather. 5.0: Popular Recordings. 6.0: Dinner Music.

6.15: The Grocer and Madam. 6.30: Dinner Music, continued. 6.45: Mr. and Mrs. Everybody.

★ 7.0: Local Sporting Session. 7.15: Sporting Resume. Results of Day's Races. 7.30: Weather. 7.35: Popular Recordings.

★ 7.45: IN THE CRIMELIGHT. 8.0: Evening Musical Programme.

★ 8.15: ARGUS. 8.30: Music. 9.30: Dance Programme. 10.30: Close.

2HD NEWCASTLE, 1140kc. 263m.

Day Sessions as Friday, except:
7.30: Music. 8.0: Joy Club Session. 9.45: Racing Talk. 10.45: Serial Story. 11.0: Old Folks' Session.

★ 1.0: BROADCAST DESCRIPTION OF MOOREFIELD RACES.

5.15: Entertainment for the Kiddies. 5.30: Puzzle Corner. 5.35: Joy Club Sunshine Ship.

★ 5.40: Jack and Snowy. 6.0: News from Herbert's Theatres. 6.15: Joyster Notes and News Flashs. 6.30: Sporting Results.

★ 6.40: Mr. and Mrs. Everybody. 6.55: Tooth and Claw. 7.5: Jack Maitlen's Band.

7.30: Motoring Playlet. 7.35: Watch Tower Music. 8.0: People's Programme. 10.0: News Service.

★ 10.10: 2HD RADIO VAUDEVILLE AND OLD TIME DANCE MUSIC. 12.0: Close.

2DU CENTRAL WESTERN, 660kc. 455m.

Morning Session as Monday.
6.0: Dinner Music. 7.0: Swing Music and Vocal. 7.30: Variety Half-hour. 8.0: Song Hits of Yesterday. 8.30: Old-timers' Half-hour. 9.0: Dance Programme. 10.0: Close.

2WL WOLLONGONG, 1430kc. 210m.

Day Sessions as Friday, except:
★ 12.30: DESCRIPTIONS OF THE SYDNEY AND MELBOURNE RACES, BY HARRY SOLOMONS AND FRED TUPPER, RELAYED FROM 2UE.

5.0: Close. 6.30: Overture. 6.40: Music. 6.50: Rugby League Talk, by Mr. Sid Hayes.

★ 7.15: Sporting Session—Sydney, Melbourne, and District Sporting Results.

7.30: Edmund Breeze in Memories. 7.45: Recordings. 8.0: 2WL Dance Session.

★ 9.0: Descriptions of Wrestling from Leichhardt Stadium. 10.30 (approx.): Dance Music. 10.45: Close.

2NZ INVERELL, 1170kc. 256m.

Early Morning Session as usual. 11.0: Opening with Bright Music, until 11.15, then the Oh Kay Session, and from 11.20 a varied programme until 2 p.m.

★ 3.0: Open. Various types of Music until 7 p.m., then the programme, "Your Choice—Not Ours" until 8 p.m. News at 7.30.

2BL 8.0 WEDNESDAY'S WEIGHTS

By the A.B.C. Racing Commentator

2BL 8.15

THE RADIO ROUNDSMAN

Interviews Personalities in the News

2BL 8.35

TWO ORIGINAL SKETCHES

Presented by WIN and WINDLE

1. P.C. 2 Up 2. House hunting

2BL 9.0

TERPSICHORE

With Interludes by

ELSIE AND DORIS WATERS, FLANAGAN AND ALLAN
SNOZZLE DURANTE, MURGATROYD AND WINTER-BOTTOM, Etc., Etc.

★ 8.0: FROM THE DANCE PALAIS OF THE AIR.

8.45: A Spot of Fun. 9.0: Back to the Dance Palais. 9.30: The Cafe Continental. 9.45: Meditation Minutes. 10.0: Close.

2KO NEWCASTLE, 1410kc. 213m.

10.0: Radio Trade Demonstration. 11.0: Music. 12.0: Close.

★ 2.0: Radio Matinee. 5.0: Early Evening Programme. 5.45: Birthday Calls.

6.30: Sports Parade. 7.15: Music. 8.0: Melodious Melodies.

★ 8.30: DESCRIPTION OF THE MAIN CONTESTS AT THE NEWCASTLE STADIUM, BY MR. STAN HEANEY. 11.0: Close.

2MO GUNNEDAH, 1360kc. 219m.

Day Session as Friday.
5.30: Children's Session. 6.0: Dinner Music, conducted by James Crago. 6.30: Entertainment News. 7.0: A Spot of Comedy.

★ 8.0: Modern and Old-time Dance Programme, with Harry Wharf as M.C. 9.30: Weather. 10.0: Close.

2CA CANBERRA, 1050kc. 286m.

6.0: Music. 6.10: Popular Recordings. 6.15: Children's Birthday Cheerios.

6.25: What's on in Canberra. 6.30: Australian Rules Football Results.

7.0: Tennis Results. 7.15: Vocal Quarter Hour. 7.30: Famous Dance Bands.

7.45: Hot and Hotter. 8.0: Famous Orchestras. 8.30: Favorites, Old and New.

★ 8.45: Instrumental Quarter Hour. 9.0: New Record Releases. 9.15: Dance Music. 10.0: Station Announcements and Close.

2GN GOULBURN, 1390kc. 216m.

12.0: Bright Luncheon Programme. 1.0: Close.

★ 5.30: Entertainment for the Tiny Tots. 5.45: Story for Children. 6.0: Dinner Music. 7.0: Music.

7.15: Race Results and Comments. 7.30: Selected Music. 8.0: Hockey Results. 8.15: Popular Releases. 9.15: Golf Results. 9.30: Dance Session. 10.30: Close.

2TM TAMWORTH, 1300kc. 231m.

Day Sessions as Friday, except:
12.0: Midday Melodies. 1.0: Bright Music.

★ 3.30: Mirth and Melody. 4.0: Music.

5.0: Children's Hour. 6.0: Dinner Music. 6.30: Sporting Review, by A. W. Richardson. 7.0: Popular Music. 8.15: Pianist. 8.45: Weather Forecast. 9.0: Ballroom of the Air. 11.0: Close.

2KA KATOOMBA, 1160kc. 259m.

7.30: The Early Bird. 8.0: News. 8.10: Bright Music. 8.30: Housewives' Shopping Session. 9.0: Music. 9.30: Hospital Cheerion—

★ 10.0: KIDDIES' PARTY—FROM KATOOMBA TOWN HALL—Featuring GEORGE and WHACKO.

12.30: 2KA RACING SERVICE, with Complete Descriptions of SYDNEY and MELBOURNE RACES.

5.0: Music. 5.45: Merry Mountaineers' Studio Concert. 6.30: Dinner Music. 6.45: Sporting Resume. 7.0: Songs We Love.

★ 7.15: The Lithgow Clarion Entertains. 7.30: Radio Rhythm. 7.45: Light Music. 8.0: Overture. 8.10: A Few Laughs. 8.30: Tunes from the Talks.

8.45: Count of Monte Cristo. 9.0: 2KA Radio Dance Night. 10.30: Close.

2AD ARMIDALE, 1080kc. 278m.

7.0: Date. Time Signal. Morning Hymn. Band Music. 7.15: News Service. Market and Weather Reports. Musical Moments.

★ 7.30: Birthday and Cheerio Calls. Music. 8.10: The Lindo-Taylor Information Bureau. 8.30: Show Selections. 8.50: What's on the Air? 9.0: Close.

11.30: Programme Review. Music. 1.0: Race Special. 1.30: Close.

★ 6.0: Dinner Music and Birthday Calls. 7.0: Band Selections. 7.30: Musical Moments.

8.0: Musical Travelogue. 8.15: Humorous Session. 8.30: Music Lovers' Session.

★ 9.0: Dance Music. 9.30: News, Markets and Weather Reports. 9.45: On With the Dance. 10.0: Cabaret Cameo. 10.30: Close.

2GF GRAFTON, 1210kc. 248m.

7.30 to 8.30: Merry Morning Session, with Community Singing. 12.0 noon: Weather. 1.30: Music. 1.45: Music. 2.0: Close.

★ 5.30: Kitty, John and Ivan. 6.15: Golliwogs. 7.15: Sporting Observer. 7.45: Music.

8.30: Listening-in on Hollywood. 8.40: Music. 9.0: The Cub Reporter. 9.30: Memory Lane, with Historical Talk. 9.35: Music. 10.30: Close.

2LM LISMORE, 900kc. 333m.

Day Sessions as Friday, except:
10.0: Children's Party. 10.30: Close. 5.30: Children's Session with Aunt Mollie. 6.0: Dinner Music. 7.0: Keyboard Kapers.

★ 7.15: Sporting Session—Result of all Local and District Sporting Events.

8.0: Musical Jewel Box. 8.30: Melodious Moments. 8.45: Spot of Comedy.

UP TO THE MINUTE !

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produces

FOUR MODELS FOR
'AIR CELL'
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THERE IS NOTHING FINER THAN STROMBERG-CARLSON

SATURDAY - - - - - Continued

9.0: Dramatic Interlude. 9.45: Radio Dance Programme.
9.50: Birthday Greetings. 10.30: Close.

2RG GRIFFITH,
1470kc. 204m.

6.0: Children's Session. 6.30: Music Lovers' Potpourri. 7.0: Songs at the Piano, by Cyril James. 7.15: Snapshots of Comedy. 7.30: Market Reports.
7.45: Pianoforte Recital. 9.30: One Hour Dance Programme. 10.30: Good-night Song.

2AY ALBURY,
1480kc. 203m.

12.0: Open. 12.30: News. 1.15: The Music Box. 2.0: Close.
5.30: Children's Music. 6.0: Dinner Music. 7.30: Sporting Session, conducted by Mr. Bunton.
8.0: Gems of the Evening. 8.30: Old-time Dance. 12.0: Close.

2QN DENILIQUN,
1440kc. 208m.

7.30: Brighter Morning Music. 8.0: News. Weather, etc. 9.0: Close.
12.0: Community Singing Broadcast. 12.45: Luncheon Music.
1.10: News. Weather, etc. 1.30: The Eric Welch Relay. 5.0: Close.
6.0: Children's Session. 7.0: 2QN Sporting Commentary. 8.0: Musical Comedy and Talkie Hit Session. 9.30: News. 9.45: New Release Session. 10.0: 2QN Dance Programme. 11.0: Close.

2BH BROKEN HILL,
1060kc. 283m.

7.0: Early Morning Melodies. 7.15: News. 7.30: Music. 9.0: Close.
2.45: Local League Football Broadcast.
5.0: Children's Session. 5.30: Variety. 6.0: Dinner Music. 6.30: News and Stocks. 7.0: Musical Medley. 7.45: Sporting Comments. 8.0: Melody and Mirth. 9.0: News. 9.15: Film Music. 9.30: The Cabaret—World's Best Dance Bands in Swing Music. 10.30: Close.

2BS BATHURST,
1500kc. 200m.

Day sessions as Friday.
5.0: Children's Session. 6.0: Jokes and Serial. 6.15: News. 6.30: Dinner Music. 7.0: Race Results. 7.15: Recorded Interlude.
7.30: Travel Talk of Central America, by Elmer Johnson. 7.40: Vocal and Dance Numbers. 9.30: Radio Rhythm. 10.0: Close.

3LO MELBOURNE,
770kc. 290m.

Day Sessions as Friday, except:
10.10: Current Happenings in Sport, by A.B.C. Commentator.
1.20: A Programme of Specially Selected Recorded Music.
2.0: From the Melbourne Cricket Ground—Description of the Baseball Match, Melbourne v. St. Kilda. 2.25: Description of the League Football Match, Melbourne v. St. Kilda.
3.35: Sporting Results to Hand.
3.45: Description of Football Match continued.
4.55 (approx.): From the Studio—Sporting Results, Recorded Music.
6.25: Final League and Association Football Scores.
6.30: Young People's Session—A Cheer and a Song. "High Treason"—A Thrilling Episode of "His Imperial Highness," by Claire Meillon. Serge Dowling Talks About Odds, and Ends, Good-night.
6.0: Dinner Music.
7.40: (S.) "Just a Little Bit of Gold." (See 2FC.)
8.0: The Sydney Symphony Orchestra. (See 2FC.)
6.50: (M.) Paul Schramm. (See 2FC.)
9.10: (H.) The Comedian Harmonists. (See 2FC.)
10.0: A Programme of Gipsy Songs and Dances. (See 2FC.)
10.40: Meditation Music. (See 2FC.)
11.20: A Summary of the Day's News. 11.30: Close.

3AR MELBOURNE,
630kc. 470m.

Day Sessions as Friday, except:
2.0: During the Afternoon, Jim Carroll will describe the Moonee Valley Races.
Aberfeldie Hurdle Race, 2 miles 1 furlong.
Cooee Handicap, 6 furlongs.
Lindsay Gordon Steeplechase, about 2 miles, 3½ furlongs.
Glen Orla Handicap, 1¼ miles, 10 yards.
Derrimut Handicap, 6 furlongs.
Sunset Welter Handicap, 1 mile.
Wherever possible, Relayed Description from Sydney will be given of the Canterbury Races.

5.0: Sporting Results to Hand, and Musical Reproductions.
5.30: Final League and Association Football Scores.
5.40: Early Evening Music. 6.0: Music.
6.15: Countryman's Session.
6.35: Sporting Session, conducted by A.B.C. Commentator.
7.0: Sporting Personalities.
7.20: National News Bulletin.
7.35: Links With the Past.
7.36: Sporting Highlights of the Week.

8.0: The Old-Timers' Dance Orchestra. Master of Ceremonies: Robert H. Spaven. Mrs. R. Campbell at the Piano.
"A Nautical Night."
Waltz: Over the Waves (Rosas).
Barn Dance: Songs of the Sea (McGlennon).
Quadrilles: H.M.S. Pinafore (Sullivan).
Schottische: I'm Waiting For Ships (Ojman).
Jolly Miller: White Wings, from "The Elegant 80's (Baynes).
Lancers: Hearts of Oak (Pecorini).
Valse: Valse Septembre (Godin).
Polka: The Ship I Love (Bonheur).

Barn Dance: It is the Navy (Daere).
Waltz: The Blue Danube (Strauss).
Alberts: They All Love Jack (Adams).
Polka Mazurka: Rosa (Barthmann).
The Pirates of Penzance (Arr. d'Albert).
Royal Irish: The Irish Patrol (Whiting).
Canadian Barn Dance: She Sells Seashells (Wilson).
10.15 (approx.): News.
10.30 (approx.): Old-Time Dance Music (cont'd.). 12.0: Interstate Shipping and Close.

2CO COROWA,
670kc. 448m.

6.30: See 2BL. 6.50: See 3AR. 9.0: Close.
10.0: See 3LO. 11.30: Close.
12.0: See 3LO. 12.35: News. 12.45: See 3LO. 1.15: See 3AR. 2.25: See 3LO, with race descriptions from 3AR. 5.30: See 3LO. 6.15: See 3AR. 7.0: Local News Service including Market Reports from Albury. 7.15: See 3AR. 11.30: Close.

4QG BRISBANE,
800kc. 375m.

6.30: Weather. Racing Anticipations. Air Mails.
6.45: News.
6.50: (S.) Morning News Bulletin.
7.0: (S.) Morning Music. 8.0: Second News. 8.5: (S.) Second News Bulletin, including the British Official Wireless News.
8.15: (S.) Morning Music.
8.30: Close.
11.0: The Daily Broadcast Service conducted by Rev. T. A. Reimers.
11.15: Women's Session, conducted by Miss Rita Humphress.
11.45: Book Review, by Bookmarker. 12.0: Music. 12.40: Weather. 12.45: Music. 1.0: News. 1.10: Popular Music.
During the afternoon Descriptions will be given of the Rosehill Races, Sydney, Albion Park and Melbourne Race Results.
Football Descriptions.
5.30: Children's Corner, conducted by Uncle Max.
6.0: Dinner Music.
6.30: Air Mails, Weather.
6.35: Race Results.

ON THE SHORT WAVES

5.0 a.m. (GSB 31.5, GSD 25.5, GSI 19.6, GSG 16.8): "Dorothy," Comedy Opera. The B.B.C. Midland Orchestra and the B.B.C. Midland Singers. 6.0: "Haunting Harmonies." 6.15: Organ Recital from St. Mary's Church, Nottingham. 6.45: Close.

6.0 a.m. (JZK 19.79, JZJ 25.42, TPA3 25.23, OLR4A 25.34): Musical Programmes, with News in English from JZK and JZJ at 6.0 and 8.15, TPA3 at 6.0, and OLR4A at 7.0 a.m.
6.15 a.m. (DJD 25.4, DJL 19.8, DJC 49.8): Festival Hour in the Station. From the Meeting of the German Choral Unions in Breslau. 7.0: News. 7.20: Close.

7.0 a.m. (GSO 19.7, GSG 16.8, GSB 31.5, GSP 19.8): News. 7.20: V. Silvester and His Ballroom Orchestra. 7.55: Music Hall. 9.0: Close.

7.50 a.m. (DJN 31.4, DJB 19.7, DJQ 19.6): German Folk Songs. 8.0: Franz Schubert in String Quartet in A Minor, Op. 29. 8.45: News in German. 9.0: Festival Hour with the German Choral Unions at Breslau. 9.45: Night Melodies for String and Brass (Mozart). -10.15: Sound Pictures. 10.30: A Military Concert.

9.20 a.m. (GSO 19.7, GSP 19.6, GSD 25.5, GSF 19.8): "Now and Then." Programme of Musical Contrasts. By the Arthur Dalay Quintet. 10.0: Scenes from "The Taming of the Shrew" (Shakespeare). 10.35: "Here Lived... Captain Cook." 10.0: The Twilight Serenaders. A Fantasy in Music and Poetry. 11.10: News. 11.30: Close.

11.15 a.m. (DJD 25.4, DJN 31.4, DJB 19.7, DJQ 19.6): News in English. 11.30: The First Swabians Settled in Banat. 11.45: Topical Talk. Noon: German News. 12.15: "Favored by the Gods." Wandering with Music. 1.30: News in English. 1.50: Close.

Noon (GSG 16.8, GSB 31.5, GSI 19.6, GSD 25.5): Variety. 12.20: A Play—"Victoria Regina." In which is permitted the first impersonation of Queen Victoria. 12.35: The Upper Norwood Salvation Army Band. 1.15: "They Never Came Back." No. 3—Ludwig Leichhardt. 1.40: News. 2.0: Close.

2.30 p.m. (GSB 31.5, GSD 25.5, GSO 19.76): "London Log." 2.40: Orchestre Raymond. Three Hungarian Dances, Nos. 11, 12 and 14 (Brahms). Nocturne in E Flat (Chopin). Perpetuum Mobile (Strauss). Where Cafe Lights Are Gleaming. Murmuring Breezes. Dancing with the Daffodils. Austrian Peasant Dances. 3.20: In the Court of "Not-So-Common, Please!" 3.35: Violoncello Recital. 3.55: News. 4.15: "Fishing." A Day with the Trawlers at Tynemouth. 4.45: Close.

12.45 p.m. (3LR 31.34): Music. 1.0: Victorian News Bulletin. 1.5: Interstate Weather. 1.15: Music, and Afternoon's Sporting Broadcasts. 5.0: Close.

3.10 p.m. (DJN 31.4, DJA 31.3, DJB 19.7, DJL 19.8): Weekend Music. 4.0: News in German. 4.15: More Weekend Music. 5.0: News in English. 5.15: Sound Pictures.
5.30 p.m. (DJB 19.7, DJE 16.8): Concert of Light Music. 6.30: Musical Treasures. 7.30: News. 8.0: Germany Research History. 8.15: Close.

6.30 p.m. (3LR 31.34): Commerce and Finance. 6.45: Sporting Notes. 7.20: National News. 7.30: Queensland and N. Australia News. 7.35: Sporting Highlights. 8.0: Orchestral Concert by GEORGE SCHNEEVOIGT from Sydney. 9.10: Recital by the Harmony Harmonists from Hobart. 10.30: News. 10.50: Mail Bag Session. 11.10: Old Time Dance Programme. Midnight: Close.

7.0 p.m. (3ME 31.5): Recorded Music. 8.0: With the World's Dance Bands. 9.0: News. 9.15: Australian Artists' Programme. 10.0: Close.

8.45 p.m. (GSG 16.8, GSO 19.76, GSH 13.97): Old Time Music Hall. With the Bidgood's Band. 9.30: Silvester and His Ballroom Orchestra. 10.20: "London Log." 10.30: The Commodore Grand Orchestra. 11.0: Children's Session. A Special Musical Programme, played by J. Moody (Piano), Percy Waterhouse (Saxophone) and the "Three in Harmony." 11.30: News. 11.55: Close.

9.0 p.m. (DJB 19.7, DJE 16.8): Light Music. 10.0: News in English from Berlin. 10.15: Light Music. 11.0: News. 11.15: Festival Hour from the Choral Unions at Breslau. Midnight: News in English.
9.0 p.m. (TPA2 19.6): News in English from Paris. 9.15: Music and Talks.

FOR OTHER SCHEDULES SEE FRIDAY

6.55: General Sporting.
7.20: (S.) National News Bulletin.
7.30: News.
7.40: The Bridges Instrumental Trio.

8.0: (S.) The Sydney Symphony Orchestra (see 2FC).

8.50: Recital by Gwen O'Donnell (Soprano), with Hilda Woolmer at the Piano.

Soprano: The Winds are Calling (Landon Ronald). Sing. Break into Song (Mallinson). Piano: Valse in D (Stojowski). Rush Hour in Hongkong (Chasins).

Soprano: Believe Me if all those Endearing Young Charms (Arditi). The Dream of Home (Arditi).

9.10: (H.) The Comedian Harmonists (see 2FC).

10.5: (S.) Dance Music (see 2FC).
11.20: Weather. News. 11.30: Close.

5CL ADELAIDE,
730kc. 411m.

Main Features:—
11.50: Moonee Valley Acceptances. During the afternoon Racing Services from Morphettville and Moonee Valley will be provided,

interspersed with League Football.

5.30: Tiny Tot's Corner.
5.40: Young People's Session.
6.0: Dinner Music.

6.30: A Talk on Today's League Football by Mr. Roy Colmer.

6.50: National News Bulletin.
7.0: News and Race Results.
7.10: Sporting Highlights.

Alternative Programmes.
7.30: SCL—The Sydney Symphony Orchestra, conducted by Professor Georg Schneevoigt. (See 2FC.)

7.30: SCK—The SCL Boys' Club Session, conducted by Uncle Billy.

8.20: SCL and SCK—From Adelaide: State Programme. Interlude (r.).

8.40: The Comedian Harmonists. (See 2FC.)

9.30: Brass Band Concert by the Thebarton Municipal Band, conducted by David Hopkins.

10.0: News Service and Weather Bulletin.
10.10: Dance Music by Jim Davidson's A.B.C. Dance Band. 10.15: Interlude. 11.0: Time Signal.
11.1: Dance Music (continued).
11.25: News. 11.30: Close.

(Continued on Page 35.)

SUNDAY

[AUGUST 1]

2FC 6.0

IN QUIRES AND PLACES WHERE THEY SING

Presented by
THE A.B.C. (Melbourne) WIRELESS CHORUS

Under the direction of JOSEPH POST,
FREDERIC EARLE at the Organ

- CHORUS—
O Father Whose Almighty Power (Handel)
- TWO HYMNS—
Peace, Perfect Peace (tune Pax Tecum).
All Hail the Power (tune Miles Lane).
- MOTET—
Ave Verum (Gounod)
- ANTHEM—
Praise the Lord, O Jerusalem (Mauder)
- HYMN TUNES—
When I Survey (tune, Rockingham)
Ye Servants of God (tune, Hanover).
- INTROIT—
God Be in My Head (Walford Davies)
- ANTHEM—
O, Worship the Lord (Hollins)

2FC 6.30

RANDOM PAGES

A VIOLA MISCELLANY by MISCHA KOGAN

- Melodie (Gluck-Kreisler)
Le Roi s'Amuse (Delibes-Elam)
Chanson Palestinienné (Paul Kirman)
Serenade Espagnole (Chaminade-Kreisler)
Menuett (Mozart-Burmester)
- 6.40: NATIONAL TALK—
A SERMON FOR THOSE WHO MAY NOT LIKE SERMONS.
"A HIGHWAY SHALL BE THERE."

- 7.15: FROM CHALMERS-STREET PRESBYTERIAN CHURCH. Evening Service. Conducted by REV. D. F. BRANDT.
- 8.30: This Week's Good Cause.
- 8.35: News and Weather.
- 8.40: THE NEW NOTE OCTET. (See Panel)
- 9.15: Leaves of Memory, by Ellis Price.
- 9.35: VICTORIA ANDERSON AND VIOLA MORRIS. (See Panel)
- 10.0: Close.
- 4.0 to 6.30: Relayed from 2BL.
6.30 to 7.0: Relayed from 2FC.
7.0 to approx. 8.30: FROM NEWCASTLE BAPTIST TABERNACLE: Evening Service.
Approx. 8.30 to 10.30: Relayed from 2FC.
- 2NR NORTHERN RIVERS, 700kc. 429m.
9.0 to 11.0: Relayed from 2BL.
11.0 to 12.15: From the Baptist Church, Grafton, Morning Service.
12.15 to 2.0: Relayed from 2BL.
3.0 to 4.0: Relayed from 2FC.
4.0 to 6.30: Relayed from 2BL.
6.30 to 10.30: Relayed from 2FC.
- 2NC NEWCASTLE, 1230kc. 244m.
9.0 to 11.0: Relayed from 2BL.
11.0 to 12.15: FROM NEWCASTLE CATHEDRAL: Morning Service.
12.15 to 2.0: Relayed from 2BL.
3.0 to 4.0: FROM CENTRAL METHODIST MISSION: Pleasant Sunday Afternoon Service.
- 2CR CENTRAL REGIONAL, 550kc. 545m.
9.0 to 11.0: Relayed from 2BL.
11.0 to 12.15: FROM ST. JOHN'S

2FC 7.0

YOUNG SHAKESPEARE

A Verse Play, written for Radio by KENNETH MACKENZIE
Kenneth MacKenzie, young Sydney author, has recently had a novel published abroad and also a long poem published in Sydney. In this verse play, written especially for the Australian Broadcasting Commission, he takes the romance between Anne Hathaway and Shakespeare, and transmits something of the early fervour and fire, as well as the lyricism, of a Stratford youth of three and a half centuries ago. As a poet, Mr. MacKenzie is a romantic. His springing rhythms and zest for color and life quite frequently suggest the early works of Shakespeare himself.

CHARACTERS:

- WILLIAM SHAKESPEARE, a Youth of Stratford-on-Avon.
JOHN SHAKESPEARE, his father.
FULK SANDELLS
JOHN RICHARDSON, Responsible Husbandman of Stratford.
ANNE HATHAWAY, eldest daughter of a well-to-do Yeoman of Shotton, near Stratford.
MARY SHAKESPEARE, wife of John and mother of William.
VARIOUS HUSBANDMEN and DAY LABORERS OF WARWICKSHIRE.
Production: JOHN CAIRNS.

2FC 7.35

Piano Recital by PAUL SCHRAMM

- Sonata in D Major, Op. 28 (L. Van Beethoven)
Allegro. Andante. Scherzo. Rondo.
Nocturne in E Flat Major, Op. 9, No. 2 (Fr. Chopin)
- 8.0: NATIONAL TALK—
A TALK by MISS HELEN SIMPSON, Australian Authoress.

2FC 8.15

SONATA RECITAL BY TOSSY SPIVAKOWSKY, Violinist JASCHA SPIVAKOWSKY, Pianist

- Sonata for Violin and Piano (Margaret Sutherland)
Subdued, but flowing—Allegro moderato, ma con brio. Quasi improvisatione.
Scherzo-Finale—Allegro Vivace—Presto.
Sonata No. 2 for Violin and Piano in One Movement (Delius)
- 8.50: NATIONAL TALK—
INTERNATIONAL AFFAIRS by W. MACMAHON BALL.

2FC 9.10

"THE GARDEN OF HAPPINESS"

A Choral Presentation of Popular Flower Songs by THE A.B.C. (MELBOURNE) WIRELESS CHORUS AND STRING ENSEMBLE

Presented by GEORGE ENGLISH

2FC 9.35

THE TASMANIAN STUDIO ORCHESTRA

- La Source Fantasia (Delibes)
A Lullaby for a Modern Infant (Besley)
Spanish Dance (Micheli)
Faust Ballet Music (Gounod)

2FC

SYDNEY, 9.35: THE TASMANIAN STUDIO ORCHESTRA. (See Panel)

610kc. 492m.

- 9.0: Weather Information.
9.1: Musical Interlude (r.).
9.10: Foreword.
9.12: Musical Items (r.).
9.30: GARDENING TALK.
9.45: Musical Interlude (r.).
11.0: FROM THE BAPTIST CHURCH, STANMORE. Morning Service. Conducted by REV. C. J. TINSLEY.
12.15: Close.
1.30: Musical Items (r.).
3.10: CHANGE OF AIR. Folk Music dominated by the everlasting suns of Switzerland. Annotated and presented by LUCAS E. STAEHELIN.
3.40: Harold Nossiter will speak on—
Cocos—The Treasure Island of the Pacific.
3.55: Interlude (r.).
4.0: A Musicale (r.).
LONDON PHILHARMONIC ORCHESTRA, Conducted by EUGENE GOOSSENS—
Good Humored Ladies (Scarlatti-Tomasine)
LINA PAGLIUGHI, Soprano—
La Gazza Ladra (Rossini-Cherardin)
Oh! How Beats My Heart With Joy.
O! Bounteous Heaven.
JASCHA HEIFETZ, Violinist—
Ruralla Hungaria, Op. 32 (Dohnanyi)
4.30: Close.
6.0: IN QUIRES AND PLACES WHERE THEY SING. (See Panel)
6.30: RANDOM PAGES. (See Panel)
6.40: NATIONAL TALK. (See Panel)
7.0: YOUNG SHAKESPEARE. (See Panel)
7.35: PAUL SCHRAMM. (See Panel)
8.0: NATIONAL TALK. (See Panel)
8.15: Sonata Recital. (See Panel)
8.50: NATIONAL TALK—
INTERNATIONAL AFFAIRS By W. MACMAHON BALL.
9.10: "THE GARDEN OF HAPPINESS" (See Panel).

2BL

SYDNEY, 740kc. 405m.

- 9.0: Chimes and Weather Report.
9.2: Announcements and Music (r.).
9.5: This Morning's News.
9.15: Important Sporting Results.
9.20: Music.
9.25: COUNTRYMAN'S SESSION.
9.45: MORNING MUSIC (r.).
11.0: CLASSICS (r.). The Third and Fourth Acts from LA BOHEME (The Bohemians)
Opera in Four Acts by Puccini.
RUDOLF SERKIN (Pianoforte).
ADOLF BUSCH (Violin) and AUBREY BRAIN (Horn).
Trio in E Flat Major (Brahms)
MAFALDA SALVATINI, Soprano—
Von Ewiger Liebe (Love Eternal) (Brahms)
An die Laute (To the Lute) (Schubert)
Rastlose Liebe (Restless Love) (Schubert)
12.50: Morning News.
1.5: Notes From Home, by SYDNEY MACEWAN. (Completion of National Relay.)
1.15: A Specially Arranged Programme of Vocal and Instrumental Music. (r.).
2.0: SHOES AND SHIPS AND SEALING WAX.
AN ARMCHAIR CHAT BY F. S. BURNELL.
2.30: Close.
4.0: FRAGMENTS OF OPERA. (See Panel)
4.45: Interlude (r.).
5.0: DR. H. S. W. MASSEY will speak on "THE STRUCTURE OF MATTER"—"ATOMS."
5.20: Classics (r.).
6.0: YOUNG PEOPLE'S SESSION—
Pat tells a Story.
The Junior Gazette, presented by Ben, Bryson and Pat.
You Can Write Poetry, by Inkpot.
6.35: Musical Interlude (r.).

SUNDAY - - - - - Continued

PRESBYTERIAN CHURCH, ORANGE: Morning Service, 12.15 to 2.0: Relayed from 2BL. 3.0 to 4.0: Relayed from 2FC. 4.0 to 6.30: Relayed from 2BL. 6.30 to 10.30: Relayed from 2FC.

2UE SYDNEY, 950kc. 316m.

8.0: All Star Revue.
8.30: "Gardening Talk" - Mr. C. Honeyfield, 8.45: Selected Music
9.30: Claude Holland (Baritone) and Cliff Curby (Pianist), 9.40: Music.

★ **10.0: HOSPITAL CHERIO SESSION, CONDUCTED BY CLAUDE HOLLAND.**

10.40: The Banjo Club, 11.0: Harmony Hour, 12.0: Vernon Sellers (Baritone),
12.15: Mademoiselle Glitta Adlee, 12.30: Celebrities of the Moment, 1.0: Musical First Favorites, 1.15: The Call to Youth Swing Session, 1.45: Dance Hits of the Week.

★ **2.0: THE DIGGERS HOUR, presented by CLAUDE HOLLAND, and featuring THE B.S.A. PLAYERS, FRED WEBBER AND THE DIGGERS.**

2.45: A Talk by Mrs. Pankhurst Walsh.
3.0: Know Your Music.
3.30: Fur Tales from the Trails—Samuel Biber, 4.0: Theatre Memories
4.15: Rod Gainford's Musical Scrap Book, 4.45: "Dogs"—Talk by Mr. C. Honeyfield, 5.0: Tuneful Tempos.
5.15: The Advent Radio Church Service, conducted by Pastor L. C. Naden, Address: "The Ministry of Angels," 6.0: Music.
6.5: Dance Music, 6.40: The Sweetest Music This Side of Heaven, 7.0: Film Music.

★ **7.15: THE FAMILY DOCTOR**

★ **7.30: "WHAT'S YOURS?"—A RADIO PLEBISCITE.**

8.0: The Musical Medico.

★ **8.15: THE 1937 CHALET SHOW, produced by FRANK CAVE, and featuring BERT BOWELL AND HIS BAND, DOROTHY FOSTER, GEORGE BELLMAINE, LORNA LANDY, SAMMY FIELDS, ERIC CONWAY, PEGGY FIELDS, AND GUEST ARTISTS.**

9.0: From Our Standard Radio Library, 9.15: Jack Hylton and His Orchestra.
9.30: From Overture to Curtain Fall, 10.0: Meet the Band Leaders, 10.30: Words and Music, 11.0: Close.

2CH SYDNEY, 1190kc. 252m.

9.0: Andre d'Arkor, Tenor, J. H. Squire Celeste Octet, Kirsten Flagstad, Soprano, Friedman, Richard Tauber, Tenor, Berlin State Opera Orchestra, Menuhin, etc.

★ **9.58: ORCHESTRAL CLUB—A. S. COCHRANE.**

10.28: Vladimir Horowitz, Pianist, Yvonne Printemps, Soprano, Philadelphia Orchestra, conducted by Stokowski, Marian Anderson, Contralto, Reginald Dixon at the Organ, etc.
12.30: Close.
2.30: Temperance Session—Independent Order of Rechabites.
2.50: Anglican Home Mission Society.
3.0 to 4.0: From the Cenotaph—A Service of Memorial and Remembrance, conducted by the British Returned Soldiers' Association.

★ **Asthma and Catarrh Talks**

2 S M 6.50 p.m.

By **C. AUGUSTUS HIOSAN**
Celebrated Asthma and Catarrh Specialist and Discoverer of the famous cure for Asthma, Consulting Rooms, Kembla Bldgs., Margaret St., Sydney.

4.0: Address by Colonel Howarth, of the Salvation Army.
4.15: Lawrence Tibbett, Baritone, London Palladium Orchestra, Debroy Somers' Band.
4.30: Book Reviews—Rev. W. A. Marsh.

2GB SYDNEY, 870kc. 345m.

5.0: Children's Session, by Aunt Margaret.
5.40: Service for the Sick, 5.58: C.R.E. Session for Youth Workers
6.15: Close.
7.0: Evening Service—Methodist Church, Newtown, 8.15: Sacred Music.
8.30: Boston Symphony Orchestra, conducted by Serge Koussevitzky, Comedy Harmonists, Gulla Busaboo, Miliza Korjus, Soprano, Philadelphia Symphony Orchestra, Tito Schipa.
9.0: The Bible Man—Rev. A. W. Stuart.
9.15: London Philharmonic Orchestra, Emmy Bettendorf, Soprano, Egon Petrie, Pianist, Lawrence Tibbett, Baritone, Milan Symphony Orchestra.
9.45: Epilogue, presented by Rev. R. J. Williams, 10.0: Close.

2GB SYDNEY, 870kc. 345m.

8.0: Philharmonic Symphony Orchestra of New York; Nelson Eddy, baritone; Grand Symphony Orchestra.
8.15: Harmony Hall, 8.30: New Mayfair Orchestra; Joseph Schmidt, tenor, Casino Royal Orchestra; Paul Robeson, bass, etc.
9.0: Keith Collins, pianist, 9.15: With Famous Artists.
9.30: Country Church of Hollywood, 9.45: Organ Reveries.
10.0: The Hawaiian Club, 10.15: News, 10.20: Music.
10.30: Liberal Catholic Church of St. Alban's Service, 11.40: Questions and Answers by Rev. L. W. Burt, 12.0: Stealing through the Classics.

★ **12.20: Mr. E. A. Ambrose, Hon. Gen. Secretary of the Federation of Parents and Citizens' Associations, 12.30: Music, 12.45: News, 12.50: Luncheon Session, 1.15: Music, 1.30: Petite Musical, 1.45: Highlights from Un Ballo un Maschera (Verdi), 2.0: The Gloom Chaser, presented by Uncle Frank, 2.15: Musical Scrapbook.**

★ **2.50: RICHARD WANT, M.A.: The Psychologist's Notebook.**

2.45: Show of Shows, 3.15: Dramatic Presentation, 3.30: Organ Treasures, 3.45: Donald Novis, tenor, 4.0: Melody and Mirth with Harry Dearth.

★ **4.30: THE OLD GARDENER—Talk.**

4.45: The Radio Sunday School—Singing led by Choir of Roselle Re-Organised Latter Day Saints.

★ **5.0: THE RADIO SUNDAY SCHOOL, Singing led by Choir of Roselle Re-Organised Latter Day Saints.**

5.30: The Children's Concert Party.
6.0: Music, 6.10: Feature Session, presenting Music from Albert Ketelbey, 6.25: Music, 6.30: Mr. Harold Morton—Book Reviews, 6.45: Musical Moments, featuring Wide Range Orchestras and Vocalists.

★ **7.0: MR. RAYMOND G. WATT—Talk.**

★ **7.15: The Family Doctor.**

★ **7.30: TREASURES OF SONGS AND LYRICS, featuring Reg. Morgan, Eileen Boyd, and Connie Morgan.**

7.45: The Magic Carpet, 8.0: Music of the Stars.
8.15: World Variety Theatre, 8.30: House of Dreams, 8.45: Special Session, 9.0: Unsolved Mysteries.

★ **9.15: MR. A. M. POOLEY.**

9.30: Memoirs of a Concert Master, 10.0: Arthur De Dion—The Astrologer, 10.15: Melodies from Switzerland, 10.30: Evensong, 11.0: Close.

2UW SYDNEY, 1110kc. 270m.

Day Sessions as Friday, except:
9.0: Motorists' Weather Bureau.
9.30: Dog Session—T. McGorlen.
9.40: Resume Greyhound Races.
9.45: Melody Girl, 10.0: Blue Mountain Melodies, 10.30: The

2BL 4.0 FRAGMENTS OF OPERA

Presented by
RAY TREWERN, Tenor,
PHIL COHEN, Violin
ARNOLD COLMAN at the Organ

- ORGAN—Grand March from Aida (Verdi)
- TENOR—Your Tiny Hand is Frozen—La Boheme (Puccini)
- VIOLIN—Fantasia—Il Trovatore (Verdi-Singella)
- ORGAN—O Star of Eve—Tannhauser (Wagner)
- TENOR—Carmen—Flower Song (Bizet)
- VIOLIN—Cavalleria Rusticana—Intermezzo (Mascagni)
- ORGAN—Cavalleria Rusticana—Easter Hymn (Mascagni)
- VIOLIN—Poupee Valsante (Poldini-Kreisler)
- ORGAN—Dancing Tambourine (Polla)
- ENSEMBLE—Panis Angelicus (Cesar Franck)

2BL 8.40

THE NEW NOTE OCTET

Leader: **ALBERT FISCHER**

- Berpouse (Jarnfeldt)
- Praeludium (Jarnfeldt)
- The Shoe—Ballet Suite (Ansell)
- The Sabot The Sandal.
- The Ballet Shoe The Brogue.
- The Court Shoe
- Seventh Heaven (Pollack)
- Serenade in the Night (Kennedy)
- Doil Dance (H. Nacio Brown)

2DL 9.15

LEAVES OF MEMORY

Presented by **ELLIS PRICE**

2BL 9.35

SOLOS AND DUETS

By

VICTORIA ANDERSON and VIOLA MORRIS

- DUETS—Quando Corpus—Stabat Mater (Pergolesi)
- Wenn Sorgen auf Mich Dringen, from the Cantata, Ach Gott wie Manches Herzeleid (Bach)
- SOLOS (VIOLA MORRIS)—Nacht und Traume—Night and Dreams (Schubert)
- In Spring Time (Schubert)
- SOLOS (VICTORIA ANDERSON)—Waldeinsamkeit (Max Reger)
- The Rachray Man (Hamilton Hart)
- DUETS—Moonlight (Walthew)
- I Loved a Lass, a Fair One (G. Williams)
- Five Eyes (Armstrong Gibbs)

Court of Mirth, 10.45: Royal Flying Scholarship, 11.0: Music of the Masters, 11.30: Health Harmonies, 11.45: Melody Menu, 12.0: Leaders in Rhythm, 12.15: Footsteps in Rhythm, 12.30: Tonic Tunes, 1.0: Celebrities in Cavalcade.

★ **2.0: FAMOUS CONCERTOS—Concerto in A Minor for 'Cello and Orchestra (Schubert, Solo 'Cellist: GASPAR CASSADO.**

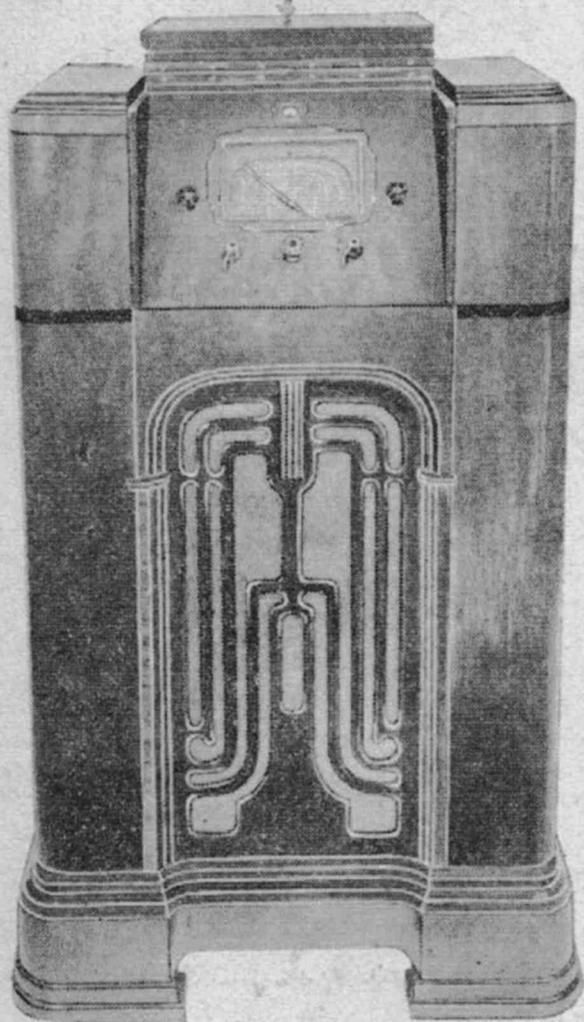
2.15: The Sevillian Serenaders.
2.25: The J. H. Squire Celeste Octet, 2.25: A Miniature Chopin Recital, 2.60: Music in the Oriental Idiom.
3.0: Stories of the Opera.
3.30: Fur Tales from the Trails—Mr. S. Biber.
4.0: Music in Lighter Vein.
4.30: Theatre Successes, 4.45: Feature Recordings, 5.0: Music in Meditative Mood.

5.30: The Destiny of the British Empire—A. G. Eastman, 5.45: Compositions by Haydn Wood, 6.0: Lightweight Music, 6.30: Theatrical Revue, 7.0: Vocal Arrangements of Popular Classics, 7.20: Happiness Ahead.
★ **7.30: TIME MARCHES ON—PRODUCED BY R. C. HICKLING.**
7.50: Color Harmonies, 8.0: Musical Beauty Box.
★ **8.45: A GEORGE EDWARDS' PRODUCTION.**
9.15: A Musical Extravaganza—A Sentimentalist in Music Land, No. 8.
★ **10.15: FOREIGN AFFAIRS—J. M. PRENTICE.**
10.30: Music Lovers' Half-hour, 11.0: From Here, There, and Everywhere.
12.0: Vitality in Rhythm—J. W. Robinson Entertains, Midnight Session as Friday.

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SUNDAY - - - - - Continued

2SM SYDNEY, 1270kc. 236m.

★ 11.0: HIGH MASS - ST. MARY'S BASILICA.

11.20: Sermon—St. Mary's Basilica.

★ 12.15: MELODIA—COMPERE, DOMINIC HARNETT

3.30: Fur Tales from the Trails.

★ 4.0: CELEBRITY RECITAL—GEORGE WOLLASTON.

6.0: Angelus.

6.1: Uncle Tom and John. 6.30: Light Symphony Orchestra—Princess Ida (Sullivan).

6.35: A Scotch Martyr—Father Walsh, S.J.

★ 7.0: REV. DR. RUMBLE, M.S.C.—QUESTION BOX.

8.0: Father Thompson, C.M.—Lecturette.

★ 8.30: BITS OF LIFE (PART II)—"ODDS ON"—RADIO DRAMA.

8.45: Manhattan Merry-Go-Round.

9.0: The Singing Violin, featuring Ethel Holden.

★ 9.15: MARCH OF TIME—PRODUCED BY REG. HAWTHORNE.

9.45: The Romance of Ireland.

10.0: The Dream Ship—Piloted by John Dunne. 10.30: Close.

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6.30: Music. 6.45: Mr. and Mrs. Everybody. 7.0: Mr. Ever and Mr. Ready. 7.8: Music. 7.15: The Family Doctor. 7.30: Gypsy Campfires. 7.45: Carson Robison.

★ 8.0: THE MUSICAL BEAUTY BOX.

8.45: Melodies of Renown. 9.0: Music.

★ 9.15: CHARLIE CHAN.

9.30: Koshinski and Clancy. 9.40: Music. 10.0: News of the Records. 10.30: Close.

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ON THE SHORT WAVES

6.0 a.m. (GSB 31.5, GSD 25.5, GSO 19.76): "Naval Operation, B.B.C." A Day's Work in the Navy. From the H.M.A.S. Sovereign. 6.45: Close.

6.0 a.m. (TPA3 25.23, OLR4A 25.34, JZJ 19.79, JZK 25.42): Musical Programmes, with News from JZJ and JZK at 6.0 and 8.15, TPA3 at 6.10, and OLR4A at 7.0 a.m.

7.0 a.m. (GSO 19.7, GSG 16.8, GSP 31.5, GSF 19.8): News. 7.25: Dance Music. 7.45: "The England I Find." By Men and Women from Dominions now earning living in England. 8.0: Musical Interlude. 8.5: Excerpts from Southern Command Tidworth Tattoo. The Royal Horse Artillery Drive. 8.45: Chopin Recital (Piano). Study in E, Op. 10, No. 3. Berceuse. Impromptu in A Flat, Op. 29, 9.0: Close.

7.50 a.m. (DJN 31.4, DJB 19.7, DJQ 19.6): German Folk Songs. 8.0: Light Music. 8.45: News in German. 9.0: Light Music. 9.15: Musical Treasures. 10.15: Sound Pictures. 10.30: Jolly Musical Scenes.

9.15 a.m. (TPA4 25.6): Concert Relayed from Paris. Foreign News. Recorded Music.

9.20 a.m. (GSO 19.76, GSP 19.6, GSF 19.8, GSD 25.5): "London Lok." 9.30: Eisteddfod Evc. Wales prepares for Royal National Eisteddfod. 10.0: Instrumental Variety with Piano, Guitar, Violin, Trumpet, and Piano Accordion. 10.30: Excerpts from Southern Command Tidworth Tattoo. 10.55: Recital of Schubert's Songs by K. Wilson (Contralto). 11.10: News. 11.30: Close.

11.15 a.m. (DJB 19.7, DJN 31.4, DJQ 19.6, DJR 19.56): News in English. 11.30: A Swabian Miniature. Noon: German News. 12.15: Stub of Notions. 1.30: News in English. 1.45: Greetings to Listeners. 2.0: Close.

Noon (GSB 31.5, GSI 19.6, GSG 16.8, GSD 25.5): The Edric Cundell Chamber Orchestra. With G. Ferrari (Tenor). 12.55: The B.B.C. Presents the ABC—Letter "P." 1.25: Piano Recital. 1.40: News. 2.0: Close.

1.0 p.m. (TPA4 25.6): Recorded Music. 1.30: News in English. 1.45: Records. 3.0: Close.

3.0 p.m. (GSG 16.8, GSD 25.5, GSB 31.5, GSO 19.76): RECITAL BY KEITH CUMMINGS (AUSTRALIAN VIOLA PLAYER). 3.15: Special Service, Relayed from St. Paul's Cathedral, London. 4.30: Weekly Newsletter. 4.50: Southern Command Tidworth Tattoo. 5.15: Close.

3.0 p.m. (2ME 31.28): Kookaburra Recording. Announcements. Recorded Music. 4.0: Talks. 4.15: Music. 5.15: Close.

3.10 p.m. (DJN 31.4, DJA 31.3, DJB 19.7, DJL 19.8): A Sunday Concert. 4.0: News in German. 4.15: Sunday Concert. 5.0: News in English. 5.15: Folk Songs.

6.0 p.m. (DJB 19.7, DJE 16.8): From the Festival of the German Song League at Breslau. 7.30: German News. 7.45: A Swabian Miniature. 8.0: Psalm of the Night, Songs by Rudi Stefan. 8.15: Close.

6.0 p.m. (3LR 31.34): "In Quires and Places Where They Sing." 6.30: A Violin Recital. 6.40: A Sermon for Those Who May Not Like Sermons. 7.0: A Play. 7.35: Piano Recital, by Paul Schramm. 8.0: Talk by H. Simpson. 8.15: Recital by Jascha and Tossy Spivakovsky. 8.50: Talk on International Affairs, by Dr. G. L. Wood. 9.15: Recital from Hobart. The Comedy Harmonists. 9.35: An Orchestral Programme. 10.15: Epilogue. 10.30: Close.

8.45 p.m. (GSG 16.8, GSH 13.97): Big Ben. Arthur Dulay Quintet. 9.15: "Here Lived... Captain Cook." 9.30: The B.B.C. Military Band. 10.10: Scottish Golfers—Tom Morris. 11.0: Short Religious Service. 11.15: PIANO RECITAL BY L. GARGUEVITCH (AUSTRALIA).

9.0 p.m. (DJB 19.7, DJE 16.8, DJQ 19.6): Concert of Light Music. 10.0: News in English. 10.15: Light Music. 11.0: News in German. 11.15: A Sunday Evening Programme. 11.30: German History Research.

9.0 p.m. (TPA2 19.6): News in English from Paris. 9.15: Music and Talks.

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SUNDAY - - - - - Continued

2KA KATOOMBA,
1160kc. 259m.

8.30: Bright Music. 9.0: Shall We Swing? 10.0: Studio Concert. 12.0: Celebrity Recital. 2.0: Close.

6.0: Overture. 6.10: Musical Moments. 6.30: Strauss Music. 6.45: Musical Comedy Memories. 7.0: Your Favorite Singers.

7.15: The Family Doctor. 7.30: Health Talk, by Major Morgan. 7.45: Featuring Dino Borgioli. 8.0: London Symphony Orchestra. 8.15: Celebrated Pianists. 8.30: Everybody's Favorites.

★ 8.45: COUNT OF MONTE CRISTO.

9.0: Music Masters. 9.15: The March of Time. 9.45: Songs We Love. 10.0: Meditation Music. 10.30: Close.

2AD ARMIDALE,
1080kc. 278m.

7.0 p.m.: Opening Overture. 7.30: Divine Service. 8.45: Musical Feature. 9.15: Guest Speaker. 10.0: Close.

2GF GRAFTON,
1210kc. 248m.

7.0 to 7.15: Joy of Living. 7.30: Master Singers. 7.45: Hann and Pardoe's Orchestra. 8.0: Merry-makers.

8.30: Radio Players. 9.0: Musical Programme. 9.30: Reverie. 10.0: Close.

2LM LISMORE,
900kc. 333m.

1.0: Music for Everybody. 2.0: Melodiana. 3.0: Close.

7.0: Melodious Music. 7.15: The Family Doctor.

7.30: Mr. E. G. Hynes Reviews the Latest Books. 8.0: Songs of Yesterday.

8.15: Mr. Ever and Mr. Ready.

8.30: Easter Singers.

9.0: Tantalising Tunes. 9.45: News.

9.50: Birthday Calls. 9.55: Even-songs. 10.0: Close.

2RG GRIFFITH,
1470kc. 204m.

6.0: Children's Session. 6.30: Music Lovers' Potpourri. 7.0: Songs at the Piano, by Cyril James. 7.15: Snapshots of Comedy. 7.30: Local Sporting Results. 7.45: Pianoforte Recital. 8.15: Comedy Capers. 9.30: One Hour Dance Programme. 10.30: Good-night Song.

2AY ALBURY,
1480kc. 203m.

8.0: Open. Variety. 12.0: Please Yourself Session. 2.0: Close.

7.0: Classical Interlude. 7.30: Gramophone Programme. 8.0: This Happened in Australia. 9.0: In a Gipsy Camp. 9.20: P. and A. Parade. 10.30: Close.

2QN DENILIQUIN,
1440kc. 208m.

10.6: 2QN's Sunday Supplement.

12.0: Showers of England. 12.30: Comedy Request Session. 12.45: Choose Your Own Number Session. 1.30: Close.

3.0: Masters of Music Session. 4.0: Guest Artists. 4.30: Ballad Memories. 5.0: Close.

6.0: Children's Session.

7.0: Church Service from Methodist Church. 8.0: Tenor Session. 9.0: The Witch's Tales. 9.15: Musical Interlude. 9.45: Meditation Music. Epilogue. 10.0: Close.

2BH BROKEN HILL,
1060kc. 283m.

10.30: Moments of Melody. 10.45: News. 11.30: Old-time Melodies. 12.0: Music by Famous Composers. 1.0: Close.

6.0: Religious Service from the Studio. 7.0: Musical Moments. 7.30: Organ Melodies. 7.45: Poets' Corner. 8.0: Melodies. 8.30: Fifteen Minutes of Bright-

ness. 8.45: Lavender and Old Lace. 9.0: News. 9.15: Masters of Music—Schumann. 9.30: Slumber Music. 10.0: Close.

2BS BATHURST,
1500kc. 200m.

6.30: Open. 7.0: Session of Latest Releases. 7.15: Watch Tower. 7.30: Week-end Sporting Resume. 7.50: Music.

8.0: 2BS Foreign Commentator. 8.15: Watch Tower. 8.20: Popular Melodies. 9.0: Watch Tower. 9.15: Everybody's Melodies. 9.30: Voice of Christian Youth. 9.35: Meditation Music. 10.0: Close.

3LO MELBOURNE,
770kc. 290m.

9.0: Music.

10.55: Items of Interest.

11.0: From St. Patrick's Cathedral. Eleventh Sunday After Pentecost. Solemn High Mass: His Grace the Archbishop presiding. Ordinarium: Sanctus, Kyrie, Gloria, Credo, Sanctus, Benedictus, Agnus Dei, from Missa Salve Regina, by J. G. E. Stehle. Offertorium (extra): Ave Regina Coelorum, by Orlando di Lasso. The Choir will be under the Direction of Alois G. Melichar. The Sermon will be Preached by Rev. T. P. Considine, P.P., M.A. 12.15: Close.

1.30: A Half-Hour Talk in which the Rev. C. Irving Benson treats Problems of Faith and Practice sent to him by Listeners.

2.0: Music.

2.15: Short Stories by Australian Authors—"Bulls," by Alan Marshall.

2.35: Music.

3.10: From Wesley Church Central Mission—Pleasant Sunday Afternoon Service. 4.30: Close.

6.0: (M.) In Quires and Places Where They Sing. (See 2FC.)

6.30: "Random Pages." (See 2FC.)

6.40: National Talk—A Sermon for Those Who May Not Like Sermons: "Twelve Wells and Seventy Palm Trees." (See 2FC.)

7.0: "Young Shakespeare." (See 2FC.)

7.35: Paul Schramm. (See 2FC.)

8.0: National Talk—A Talk by Miss Helen Simpson.

8.15: Tossy Spivakovsky, Violin, and Jascha Spivakovsky, Piano. (See 2FC.)

8.50: National Talk—"International Affairs"—Mr. W. MacMahon Ball.

9.15: (H.) Comedy Harmonists. (See 2FC.)

9.35: Tasmanian Studio Orchestra. (See 2FC.)

10.15: Epilogue. 10.30: Close.

3AR MELBOURNE,
630kc. 470m.

9.0: Music. 9.5: (S.) National News. British Official Wireless News. Foreign Exchange. Sporting Results.

9.25: Special Session for the Man on the Land.

9.35: Music.

9.45: Everyman's Garden, conducted by "Eremad."

9.55: Music.

11.0: Divine Service, from Toorak Presbyterian Church. Sermon: Rt. Rev. Dr. John Mackenzie, M.A. Organist: Mr. J. W. Hudonn.

12.15: Music.

12.35: Shipping. Noon Weather. Air Routes.

12.40: Music.

1.5: (S.) Notes From Home, by Sydney MacEwan.

1.15: (M.) Music.

2.0: (S.) Shoes and Ships and Sealing Wax—A Talk by Mr. F. S. Burnell. 2.30: Close.

4.0: Ray Trewern, Tenor; Phil Cohen, Violin; Arnold Colman at the Organ (See 2FC.)

4.45: Music.

5.30: The Early Immigrant Ships—"More About the Lightning"—Mr. G. R. Leggett, B.A.

5.45: Music.

6.0: "The Optimists' Chorus Singers," led by Laurence Warner, in Children's Songs and Choruses.

6.25: The Week's Good Cause. 6.35: Links With the Past. 6.38: Music.

6.40: Interstate Shipping. 6.45: Music.

7.0: Divine Service, from St. Paul's Cathedral. Sermon: The Archbishop. Organist: Dr. A. E. Floyd.

8.30: A Programme of Jewish Folk Songs, presented by Abram Ercibblatt. Annotations by Catherine Duncan. Song: Sabbath Quiet. Recitation: "The Talmud Scholar," by David Einhorn. Folk Song.

8.55: "Around the Organ With Sankey." Arranged by Robert H. Spaven.

9.20: Harry Bloom's Tango Band in a Session of Soft Lights and Sweet Music. 9.50: News, Weather. 10.0: Close.

2CO COROWA,
670kc. 448m.

9.0: See 3AR. 11.0: See 3LO. 12.15: See 3AR. 1.30: See 3LO. 2.0: Close.

3.0: See 3LO. 4.30: See 3AR. 6.0: See 3LO. 10.30: Close.

4QG BRISBANE,
800kc. 375m.

9.0: Weather. 9.5: (S.) National News Bulletin. 9.30: Weather. News. 9.30: Countryman's Session. 9.50: A Gardening Talk. 10.0: The Bartered Bride. An Opera (r.) in Three Acts. Composed by Frederick Smetana. Acts 1 and 2.

11.0: Morning Service from All Saints' Church of England, Wickham Terrace.

12.30: Specially Selected Music.

1.5: (B.) Notes from Home, by Sydney MacEwan. 1.15: Specially Selected Music. 2.0: Close.

3.0: Music.

4.0: (M.) Programme by Ray Trewern (Tenor), Phil Cohen (Violin), Arnold Coleman at the Organ (See 2FC.)

5.0: (M.) Talk by Dr. H. S. W. Massey. The Structure of Matter—Atoms. 5.20: Music.

5.30: Council of Churches Session for Children.

6.0: (M.) In Quires and Places Where They Sing (See 2FC.)

6.30: (M.) Random Pages (See 2FC.)

6.40: (M.) Sermon—Twelve Wells and Seventy Palm Trees.

7.0: Selections from the Works of Roger Quilter.

7.30: Evening Service, from City Tabernacle Baptist Church, Wickham Terrace.

8.40: Weather, A.B.C. News.

8.50: (M.) Talk by W. MacMahon Ball—International Affairs.

9.10: (H.) The Comedian Harmonists.

9.35: (H.) Tasmanian Studio Orchestra (See 2FC.)

10.15: Epilogue. 10.30: Close.

5CL ADELAIDE,
730kc. 411m.

Main Features:

11.0: Morning Divine Service from St. Bartholomew's Church, Norwood. Preacher: Rev. A. Weston. Organist: Mr. Frank Bowden.

12.35: Notes From Home, by Sidney McEwan.

12.45: From Adelaide—Berlin State Opera House Orchestra: Overture—A Midsummer Night's Dream (Mendelssohn). B.B.C. Symphony Orchestra: Nocturne—Midsummer Night's Dream (Mendelssohn).

1.0: This Week's Good Cause—"And Thy Neighbor as Thyself."

1.10: Music. 2.0: Close.

ALTERNATIVE PROGRAMMES

3.0: Boyd Neel String Orchestra: Fantasia on a Theme by Tallis (Vaughan Williams), Peter Dawson, Bass-Baritone; Songs of the Sea (Stanford)—Outward Bound; Drake's Drum; Devon, O Devon; Homeward-Bound.

3.30: Programme by Ray Trewern (Tenor), Phil Cohen (Violinist), and Arnold Colman (Organist)—Fragments of Opera.

3.0: Pleasant Sunday Afternoon Service from Maughan Church. Chairman: Rev. S. Forsyth.

4.30: 5CL and 5CK—National Talk by Dr. H. S. W. Massey—The Structure of Matter—Atoms.

4.50: Music.

5.30: In Quires and Places Where They Sing (see 2FC.)

6.0: Random Pages—A Viola Miscellany by Mischa Kogan (see 2FC.)

6.10: National Talk—A Sermon for Those Who May Not Like Sermons—Twelve Wells and Seventy Palm-Trees.

ALTERNATIVE PROGRAMMES.

6.30: 5CL—Young Shakespeare—A Verse Play, written for Radio by Kenneth MacKenzie (see 2FC.)

7.5: Piano Recital by Paul Schramm (see 2FC.)

7.30: National Talk by Miss Helen Simpson (well-known Australian Novelist).

7.45: Sonata Recital by Tossy Spivakovsky (Violinist) and Jascha Spivakovsky (Pianist) (see 2FC.)

6.30: 5CK—Meet the Orchestra—Woodwind—No. 4: The Bassoon. Soloist: W. Honan.

7.0: Evening Divine Service from Scots Church, North Terrace. Preacher: Rev. N. L. D. Webster, B.A. Organist: Mr. E. White.

8.15: Interlude (r.).

8.20: 5CL and 5CK—International Affairs, by Mr. W. MacMahon Ball. 8.40: Interlude (r.).

8.45: The Comedian Harmonists.

9.5: Light Orchestral Session by the Tasmanian Studio Orchestra, conducted by Olive Douglas, Mus. Bac.

9.45: We View the Coming Week—Trailers.

10.0: News, Weather Bulletin, and Aviation.

10.5: Epilogue, Heroes' Corner, by Mr. Basil Harford: Flying V.C.'s, Majors Barker and McCudden. 10.30: Close.

7HO HOBART,
850kc. 349m.

7.0: Special Sunday Evening Concert of Selected Recordings. 8.15: The Chalet Show of 1937.

9.0: The Minister of Agriculture, Mr. R. Cosgrave, M.H.A., will speak. 9.15: Musical Programme.

9.25: Mr. Jas. Guthrie, B.Sc., Electoral Campaign Speaker. 9.40: Music. 10.0: News. 10.25: Epilogue. 10.30: Close.

7HT HOBART
1080kc. 278m.

10.0: Devotional Music. 10.15: Specially-selected Musical Programme. 1.0: Max Dolin and His Grenadiers. 1.15: Musical Potpourri. 2.0: Close.

6.0: Uninterrupted Orchestral Music. 6.30: Musical Highlights. 7.0: Celebrity Recital.

7.30: Time Marches On. 8.0: Music of the Spheres. 9.30: News. 9.45: Devotional Music. 10.0: Close.

ADVENTURE

AFLOAT & ASHORE

You'll Find It In The

WORLD'S NEWS

Every Thursday—2d



GERMANY
HITLER
AND
NAZISM

MUSSOLINI
AND
FASCISM

CHINESE
WAR?

BRITISH
EMPIRE
RACE IN
ARMAMENTS

RUSSIA
STALIN
AND
SOVIETISM

FRANCE'S
INTERNAL
DILEMMA

JAPANESE
EXPANSION
in ASIA

CIVIL
WAR
in SPAIN

AMERICA
AND
WORLD PEACE

DANUBIAN
ENTENTE

FOREIGN AFFAIRS

WEDNESDAY 10 P.M.

SUNDAY 10-15 P.M.

INTERESTING

ABSORBING

PRESENTED OVER
2UW

by J.M. Prentice O.C.B. CdeG.

MONDAY

[AUGUST 2]

2FC SYDNEY.
610kc. 492m.

Day Sessions as Friday, except:
9.45: Racing Talk by the A.B.C. Racing Commentator.

10.45: Elizabeth Thomas will speak on GOING TO SCHOOL IN FRENCH CANADA.

12.0: BROADCAST TO SCHOOLS—PRIMARY.

HEALTH TALKS.
HOW TO TAKE CARE OF OURSELVES: The Body Work—The Daily Bath.
A Talk by HIPPOCRATES.

12.15: Mr. Vivian W. Peterson, B.A., B.Sc., Assistant Supervisor of Music, Department of Education, will speak on Schumann.

1.45: Wednesday's Acceptances by the A.B.C. Racing Commentator.

3.0: BROADCAST TO SCHOOLS—SECONDARY—ENGLISH.

Mr. Hector Wilshire, M.A., formerly of Sydney Grammar School, will speak on Anatole France—Writer and Friend of Children.

3.15: HISTORY.
Miss A. E. Turner, B.A., Fort Street Girls' High School, will speak on—Sir Joseph Banks.

3.30: K H Y B E R
Written by EDMUND BARCLAY.
EPISODE THE TWENTY-FIFTH: K.21 REVEALED.

Rustem Beg and his hilmien, in a desperate attack, rush the gates of the fort, and the situation is saved only by the intervention of the mysterious British Agent, K.21, who reveals himself at last.

5.0: Musical Items.

5.20: 'Tiny Tots' Session.

5.26: A Musical Interlude (r.).

5.30: YOUNG PEOPLE'S SESSION.

THE PEOPLE OF THE BLACK PEACOCK.
A Thrilling and Dramatic Story of the East, by MAJOR J. T. GORMAN.
Dramatised for the Radio by ELLIS PRICE.

5.40: A Story — Uncle Ted and Sandy.

6.0: Dinner Music (r.).

7.40: FROM THE CAFE NOIR.

8.0: AS YE SOW. (See Panel)

8.40: THE NEWS BEHIND THE NEWS.

By THE WATCHMAN. (See Panel)

9.0: DANCE AGAIN. (See Panel)

9.25: EMMA AND 'ERBERT. (See Panel)

9.35: COMEDY AND RHYTHM. (See Panel)

10.0: MEMORIES. (See Panel)

10.40: Meditation Music (r.).

11.15: Radionations, Geneva. Weekly News Bulletin from the League of Nations Short-Wave Station.

11.20: Late Weather and News.

11.30: Close.

2BL SYDNEY,
740kc. 405m.

Day Sessions as Friday, except:
11.30: Weights, by the A.B.C. Racing Commentator.

12.7: A Pianoforte Recital (r.) by IGNAZ FRIEDMAN.

1.0: TRADITIONS OF THE STAGE (r.).

Presented by ARTHUR GREENAWAY.

3.0: THE HARMONY TRIO.

In Association with CHARLES HARRIS, Basso.

TRIO—Pennies from Heaven

(A. Johnson)

So Do I (A. Johnson)

BASSO—Three Salt Water Ballads

(Frederick Keel)

TRIO—Make Believe

Old Man River (Jerome Kern)

EASSO—When a Maiden Takes Your

Wancy (Mozart)

Shadows of Evening (Kathman)

May I Not Love (Louis Lavates)

TRIO—Chapel in the Moonlight

(Billy Hill)

Good-night, My Love

(Gordon-Revel)

2FC 7.40
FROM THE CAFE NOIR

2FC 8.0
EVERY MONDAY NIGHT AT EIGHT O'CLOCK
AS YE SOW
An Australian Saga, written for Radio by EDMUND BARCLAY
EPISODE THIRTY-ONE: TURN OF THE TIDE
Gilbert V. survives the Gallipoli Expedition only to fall before a pair of bright eyes while on London leave.

CHARACTERS:
CORPORAL GILBERT TEAL, V.
MARTHA, his Sister.
PRIVATE BLUEY BURNS, his Friend.
JUDY, a Typist.

Production: LAWRENCE H. CECIL.

8.40: THE NEWS BEHIND THE NEWS BY THE WATCHMAN.

2FC 9.0
DANCE AGAIN
With AL HAMMETT AND THE NATIONAL DANCE ORCHESTRA

2FC 9.25
EMMA AND 'ERBERT

2FC 9.35
COMEDY AND RHYTHM
With AL HAMMETT AND THE NATIONAL DANCE ORCHESTRA

2FC 10.0
MEMORIES
Presented by FREDERIC COLLIER, Baritone
BROWNING MUMMERY, Tenor
With STRING ENSEMBLE

3.50: THE VOICE OF OLD IRELAND. No. 1: Ross Castle. Presented by ROSE MCCARTHY.

4.30: CHAT OVER THE TEACUPS BY NOELLE BRENNAN.

5.30: Musical Items (r.).

5.50: GIRL GUIDES' SESSION.

6.0: A FRENCH LESSON, conducted by Dr. L. D. Woodward.

6.15: Stock Exchange Report, Weather Report, Markets.

6.45: Militia Session.

6.55: SPORTING SESSION—Results and Comments.

7.0: NATIONAL TALK—RACE PROBLEMS IN SOUTH AFRICA
By DR. E. G. MALHERBE.

7.20: Interlude.

7.25: NATIONAL NEWS BULLETIN.

7.30: Local News.

7.40: VOCATIONAL TRAINING TALKS TO BOYS AND GIRLS by "VOCATIONAL GUIDANCE OFFICER"—No. 1, Hints on Choosing a Career.

7.55: COPRA PRIZES.

8.0: "FIFTY FAMOUS GILBERT AND SULLIVAN MELODIES" (r.). A Specially Annotated Programme.

8.35: MODERN AND CONTEMPORARY COMPOSERS. (See Panel)

9.0: OUR FILM REVIEW BY E. J. FRANCIS. (See Panel)

9.15: THE NATIONAL MILITARY BAND. (See Panel)

10.20: Late News and Weather.

10.30: Close.

2NC NEWCASTLE,
1230kc. 244m.

6.30 to 9.30: Relayed from 2BL.

9.30 to 11.0: Relayed from 2FC.

11.0 to 11.5: FROM 2NC NEWCASTLE STUDIO: Chat Over the Teacups, by Cella Starfield.

11.5 to 11.15: News Service by Courtesy of the Newcastle "Morning Herald."

11.15 to 11.30: Relayed from 2FC.

12.0 to 2.0: Relayed from 2FC.

3.0 to 4.0: Relayed from 2FC.

5.0 to 11.30: Relayed from 2FC.

2NR NORTHERN RIVERS,
700kc. 429m.

6.30 to 9.30: Relayed from 2BL.

9.30 to 11.30: Relayed from 2FC.

12.0 to 1.25: Relayed from 2FC.

1.25 to 1.35: 2NR Studio—Morning News from the "Grafton Examiner."

1.35 to 2.0: Relayed from 2FC.

3.0 to 4.0: Relayed from 2FC.

5.0 to 6.0: Relayed from 2FC.

6.0 to 7.35: Relayed from 2BL.

7.35 to 11.30: Relayed from 2FC.

2CR CENTRAL REGIONAL,
550kc. 545m.

6.30 to 9.30: Relayed from 2BL.

9.30 to 11.30: Relayed from 2FC.

12.0 to 1.25: Relayed from 2FC.

1.25 to 1.35: FROM 2CR STUDIO—News Service by courtesy of the "Orange Leader."

1.35 to 2.0: Relayed from 2FC.

3.0 to 4.0: Relayed from 2FC.
5.0 to 6.0: Relayed from 2FC.
6.0 to 8.0: Relayed from 2BL.
8.0 to 11.30: Relayed from 2FC.

2UE SYDNEY,
950kc. 316m.

Day sessions as Friday, except:
6.40: Track Gallops from Randwick at intervals.

10.45: Forecasts and Features—Mary Marlowe

12.30: DESCRIPTION OF THE VICTORIA PARK RACES THROUGHOUT THE AFTERNOON, INTERSPERSED WITH MUSIC.

1.0: News Service.

5.0: A Musical Cocktail.

6.0: Dinner Music.

6.10: Acceptances for Kensington.

6.20: Rhythm of To-day. 6.30: The Two Piano Knaves. 6.45: Music. 6.50: Racing Talk.

7.0: "The Iron House." 7.15: Orchestras of All Nations. 7.30: Music We Remember. 7.55: A Spot of Humor. 8.0: News Service.

8.5: "The Vicar." 8.10: Hit of the Week. 8.15: Celebrity Recital.

8.30: "PICTURES IN THE FIRE" SEEN BY FRANK STURGE HARTY.

8.45: THE BIJOU PIANO EISTEDDFOD.

Note: During the evening, Results of the Wollongong Greyhound Coursing.

9.0: From Our Standard Radio Library. 9.15: Musical Popularities.

9.30: MR. E. C. S. MARSHALL, THE 2UE FOREIGN COMMENTATOR.

9.45: Music.

9.50: Great Races of the Past, presented by Eric Ashton.

10.0: Rhythm Kings—Jim Davidson.

10.15: News Service. 10.30: Out of the Band Box. 10.50: The Dance Hour.

11.0: Summary of Wollongong Greyhound Coursing. 11.5: Dance Hits. 11.30: Close.

2CH SYDNEY,
1190kc. 252m.

Day sessions as Friday, except:
10.2: Morning Devotion—Rev. S. M. Mitchell.

11.30: Talk on Mothercraft by Our Legally Qualified Medical Practitioner.

4.15: The Friendly Tea Party, hosted by Margaret Herd.

4.55: Children's Session, by the Fairy Godmother. 5.30: The Hello Man's Children's Session.

6.0: Dad and the Girls.

6.15: Dinner Music.

6.30: CARSON ROBISON AND HIS BUCKAROOS.

6.45: Knight Barnett at the Burwood Cinema Organ. 6.59: Weather Report.

7.0: THE IN-LAWS.

7.15: Leaders of the Band.

7.25: Sally Paige at the Piano.

7.30: The Harmony Parade.

7.45: THE CHOCOLATE MINSTRELS, FEATURING BOB STROTHER, LES WARTON AND GEORGE JENNINGS.

8.0: FRED AND MAGGIE EVERYBODY, FEATURING EDWARD HOWELL AND THERESE DESMOND.

8.12: Barnabas von Gezy and Orchestra.

8.15: Stars of the Air. 8.27: Orchestra Mascotte.

8.30: Reminiscences of Friml. 8.45: Brown Eyes. 9.0: Serenade to Beauty.

9.30: FRANCOIS STAMPIN-SKI, VIOLINIST.

10.0: Bowling Association News.

10.5: In the Crime Light. 10.20: Rendezvous and Rhythm. 10.50: Meditation and Music. 11.0: Close.

2GB SYDNEY,
870kc. 345m.

Day Sessions as Friday, except:

1.0: Athur De Dion—The Astrologer.

4.15: Woman to Woman—Goodie Reeve.

MONDAY - - - - - Continued

4.45: Auntie Goodie—Songs to the Tiny Tots.
 5.0: Children's Session, conducted by Uncle George.
 5.30: Krazy Kollege. 5.35: Children's Session (continued). 5.45: Music.
 5.50: Dog Lovers' Club.
 6.0: Terry and Ted. 6.15: Twenty Thousand Leagues under the Sea, by Jules Verne.
 6.30: Dinner Music.

6.45: MY DREAMS AND YOURS—A B.S.A. Production.
 7.0: Drums—A Radio Drama. 7.15: Pinto Pete in Arizona.
 7.30: REVOLUTION IN MEXICO—A B.S.A. Production.

7.45: Music. 7.50: Night and Day.
 8.0: Songs that Thrill You. 8.10: A Spot of Humor.
 8.15: CAFE ROUND THE CORNER—A B.S.A. Production.

8.30: House of Dreams—Dream Melodies—A B.S.A. Production. "Overture, 1812. 8.45: Special Session.
 9.0: England's Song and Story. 9.15: Music.
 9.20: Charm of the Orient, featuring Reg. Morgan and Brenda Carter. 9.30: History of Song.

9.45: A PAIR OF JACKS—A FUNNY STORY SESSION.
 10.0: 2GB News Review. 10.15: Music.
 10.30: Dancing to Rhythm—A Session of Dance Music. 11.0: Slumber Music. 11.25: 2GB Good-night Song. 11.30: Close.

2UW SYDNEY, 1110kc. 270m.

Day Sessions as Friday, except:
 9.30: George Edwards and Nell Stirling in "The Scarlet Letter."
 12.30: DESCRIPTIONS OF VICTORIA PARK RACES, BY CYRIL ANGLES.

3.45: AN EASYCHAIR AND SOME BOOKS—J. M. PRENTICE.
 5.5: Children's Session.
 6.0: George Edwards in "David and Dawn Under the Southern Cross."

6.15: Dinner Music. 6.30: Tea-time Topics. 6.35: Dinner Music continued.
 6.50: Reproductions of Victoria Park Races.
 7.0: Dad and Dave—A George Edwards' Production.

7.30: MRS. ARRIS AND MRS. IGGIS.
 7.30: Late Dinner Music. 7.45: A Spot of Humor. 7.55: Highlights of Music. 8.0: Magnificent Heritage.

8.30: GEORGE EDWARDS AND NELL STIRLING IN "KNIGHTS OF THE ROUND TABLE"—NO. 4.
 8.45: Contrasts in Rhythm.
 9.0: Programme from the Langworth Library.

9.15: DESCRIPTIONS OF THE WRESTLING MATCH FROM RUSHCUTTERS' BAY STADIUM, BY CYRIL ANGLES.
 10.15: Featuring British Dance Bands. 10.30: Featuring American Dance Bands. 11.0: Music and Song.
 Midnight Sessions as Friday.

2SM SYDNEY, 1270kc. 236m.

Day Sessions as Friday, except:
 10.0: Catholic School Broadcasts. 10.1: Primary—Religion. 10.21: Primary—English. 10.41: Secondary—English. 11.0: Close.
 2.30: "The Pictorial of the Air"—Reading.
 4.50: "Stammering and Defective Speech"—Talk.
 5.0: Uncle Tom and His Gang.
 6.0: Angelus.
 6.1: Dinner Session—Dominic Harnett.

6.25: "TONSILITIS IN DOGS"—BY "OUR VETERINARY SURGEON."
 6.50: Studio Music.
 7.5: "True Stories of Modern Heroes" presented by Reg Hawthorne. 7.15: Music.
 7.30: "THE PUBLICIST—AUSTRALIAN CULTURE"—TALK BY P. R. STEPHENSON.

7.40: Studio Music. 7.50: Fred Weber—"My Piano and Me."
 8.0: "A Claim For Justice"—Talk

by The Catholic Taxpayers' Association.
 8.30: The Grocer and Madam.
 9.0: "THE SPORTSMAN"—MUSICAL COMEDY, WITH FULL ORCHESTRA AND ALL STAR CAST, UNDER THE DIRECTION OF JOHN DUNNE.

9.30: A Musical Acrostic. 10.25: Ten O'clock Musicale. 10.25: When You Come to the End of the Day—Paul Oliver. 10.30: Close.

2KY SYDNEY, 1020kc. 294m.

Day Sessions as Friday, except:
 1.0: Special "Argus" Broadcast. 1.30: Acceptances—Ken Howard. 2.0: "Home" Session—Esme Williams, Knitting Competition. 4.25: Melody Session—John Harper. 5.15: All of the Alphabet—Children's Session and Competition. 5.30: Dinner Divertissements. 6.30: Dinner Entertainment—"Goodie" and Uncle Bert. 6.37: Spot of Humor.

6.45: Radio Snapshots. 7.0: Rufe Naylor.
 7.15: News Commentary. 7.25: Turf Notes. 7.30: Music.

8.0: CURRENT AFFAIRS IN POLITICAL AND INDUSTRIAL WORLD.
 8.15: "The Crime Sheet"—Radio Play.
 8.30: Say It With Music.
 8.45: Sports Resume—Andy Flanagan.

8.50: THE STREET CORNER CLUB—GENTLEMEN, YOUR ATTENTION.
 9.15: Talk on the Garden—G. L. Gellatly. 9.30: Feature. 10.0: Radio Rhythm. 10.30: Happy Hour—Gerry Hardman.

11.0: Your Favorite Artist. 11.15: Variety Music. 12.0: Close.

2GZ CENTRAL N.S.W., 990kc. 303m.

Day Sessions as Friday, except:
 6.50: Producers' Service Session—Fruit, Vegetables, etc.
 11.0: Music. 11.5: Homecraft.
 11.15: Health and Beauty Talk by Miss Susan Bell. 11.45: Child Psychology.

1.30: FRANK WATANABE AND THE HONORABLE ARCHIE.
 1.45: Local News Service. 1.50: Music. 2.0 to 3.30: Close.
 3.30: Music. 3.55: Fun and Frivolity.

4.10: Tapestries of Tune. 4.25: Music of the Waters. 4.40: Quiet Time.
 4.50: Tiny Tots' Session. 5.0: Children's Session. 6.0: Dinner Music. 6.15: The Grocer and Madame. 6.30: Dinner Music, continued.

6.45: DAD AND DAVE.
 7.0: Racing Finals—Talk. 7.15: Music. 7.20: Weather. 7.25: Produce. 7.28: Copra Prices.
 7.30: Homebush and Forthcoming Stock Sales. 7.38: Talk by the Graziers' Association. 7.44: Music.
 7.50: Leave It to Leslie. 8.0: Carson Robison.

8.15: MAGNIFICENT HERITAGE.
 8.30: Music. 9.15: Charlie Chan. 9.30: Talk by the Catholic Taxpayers' Association. 9.45: Music. 10.30: Close.

8.15: MAGNIFICENT HERITAGE.
 8.30: Music. 9.15: Charlie Chan. 9.30: Talk by the Catholic Taxpayers' Association. 9.45: Music. 10.30: Close.

8.15: MAGNIFICENT HERITAGE.
 8.30: Music. 9.15: Charlie Chan. 9.30: Talk by the Catholic Taxpayers' Association. 9.45: Music. 10.30: Close.

2HD NEWCASTLE, 1140kc. 263m.

Day Sessions as Friday, except:
 11.30: Mothercraft Session. 12.0: The Wireless Wags. 12.30: Eb and Zeb. 2.0: Listeners' Favorites. 3.30: Afternoon Musicale. 4.30: Modern Music. 5.15: Children's Session. 5.25: Teeny Weenies' Tattle. 5.30: Puzzle Corner.

5.35: Joy Club Sunshine Ship. 5.45: Dinner Music. 6.15: Thought Intlude. 6.20: Joyster Notes and News. Flashes.
 6.45: Tooth and Claw. 7.20: Mrs. Arris and Mrs. Igges. 7.30: Motoring Playlet. 7.45: Clem and Tina.

8.0: MAGNIFICENT HERITAGE.
 8.15: Melodies. 8.30: Spot of Humor. 10.0: News. 10.30: Close.

2BL 8.35
 CONTINUATION OF THE SERIES
 PROGRAMMES BY MODERN AND CONTEMPORARY COMPOSERS

Arranged by ROY AGNEW
 String Quartet (Szymanowski)
 Lento Assai—Allegro Moderato.
 Andantino Semplice.
 Vivace.

THE NEW AUSTRAL STRING QUARTET.

2BL 9.0
 OUR FILM REVIEW By E. J. Francis
 2BL 9.15
 THE NATIONAL MILITARY BAND

Conducted by STEPHEN YORKE
 In Association with
 THE MASTERSINGERS MALE QUARTET

BAND—
 March—On the Quarter Deck (Alford)
 Ballet Music from Robert the Devil (Meyerbeer)
 MASTERSINGERS QUARTET (With Band Accompaniment)—
 You Will Remember Vienna (Romberg)
 River, Stay Away From My Door (H. Woods)
 The White Dove (Franz Lehár)
 BAND—
 Caprice Moraima Espinosa)
 Valse—The Skaters (Waldteufel)
 MASTERSINGERS QUARTET (With Band Accompaniment)—
 Sweethearts of Yesterday—Selection (Arr. Henry Hall)
 BAND—
 A Selection of C. B. Cochran's Successes—C. B. Cochran
 Presents (Arr. Henry Hall)

2DU CENTRAL WESTERN 660kc. 455m.

7.30: Wake-up. Session. 8.0: Breakfast Brighteners. 8.30: In Meditative Mood. 11.0: Women's Session. 12.0: Orchestral Hour. 1.0: Happy Hour—Variety.

5.30: Children's Cabaret. 6.0: Dinner Music. 7.0: Melody of Today. 7.30: Kosinsky and Clancy. 7.45: Market Report.

8.0: Special Releases. 8.15: Favorite Vocalists. 8.30: Orchestral Celebrities. 9.0: Rhythm Half-hour. 9.30: Quiet Time. 10.0: Close.

2WL WOLLONGONG, 1430kc. 210m.

Day Sessions as Friday, except:
 6.45: 2WL Boy Scouts' and Wolf Cubs' Session. 7.0: A Spot of Humor. 7.8: Recorded Music. 7.30: Front Page Headlines. 7.45: Music.

8.0: Swing Session. 8.8: Popular Recordings.
 8.30: Hi-Hilarities. 8.45: Health Talk. 8.52: Musical Programme. 9.0: Songs of Ireland. 9.15: Music from the Movies.
 9.30: The Coconut Grove Ambassador. 9.45: Music for Everybody. 10.15: Organ Music.

10.30: Jim Davidson and his New Palais Royal Orchestra. 10.45: Close.

NOTE: RESULTS OF THE WOLLONGONG GREYHOUND RACES AT INTERVALS THROUGHOUT THE EVENING, AND COMPLETE RESUME AT APPROX. 10.30.

2NZ INVERELL, 1170kc. 256m.

7.0: Greetings from John Walker and a two-hours' Programme of Bright Breakfast Music, with a Listener-arranged Programme at 7.30. News at 7.0, 7.30 and 8.0 a.m. Closing 9.0 a.m.

11.0: Opening with a March, and at 11.15, "Oh! Kay!" Session, Women's Session from 11.0 to 12.0 noon—a Varied Programme for Luncheon, closing at 2.0 p.m. 3.30: Open. The RKO Radio Newsmen at 4.0 p.m., and at 5 p.m. the Serial, "Freddo, the Frog." At 5.45, "The Moon Men of Australia" (Serial) and Music until 7.30, then the 2NZ News Review.

8.0: Inverell Items—A Special Programme for the People of Inverell

and District, including some new dance tunes, "Torchbearers of History," and a Listener's Choice Programme. 9.0: South Sea Nights.

9.15: A Claim For Justice. 9.30: Orchestras of the World. 9.45: Meditation Moments. 10.0: Close.

2KO NEWCASTLE, 1410kc. 213m.

Day Sessions as Friday, except:
 2.0: Radio Pictorial of the Air. 5.45: Birthday Calls. 6.0: Dinner Music.

6.45: The Tottering Van Teeters. 7.0: Dad and Dave. 7.15: Music. 8.0: Comedy Kingdom. 8.15: Watanabe and William. 8.30: A Spot of Humor. 8.45: Charlie Chan. 9.0: Music. 9.45: Gardening Talk—Telopha. 10.0: Waring's Pennsylvanians. 10.30: Close.

2MO GUNNDAH, 1360kc. 219m.

Day Sessions as Friday.
 5.30: Children's Session. 6.0: Dinner Music, conducted by James Crago. 6.30: Entertainment News.

6.45: 2MO CIVIC THEATRE CLUB SESSION.
 7.0: Bright Entertainment. 7.15: Light Music. 7.30: Market Reports and Stock Sales. 7.35: Music.

8.0: DIXIE MEMORIES.
 8.30: Comedy Interlude. 9.0: The Happy Hour. 9.30: Weather Report.
 9.35: HOLLYWOOD REVIEW. 10.0: Close.

2CA CANBERRA, 1050kc. 286m.

Day Sessions as Friday, except:
 5.30: Children's Session. 5.45: Adventures of Angeline, Ben, and Tom. 6.0: Children's Story. 6.20: Children's Birthday Cheerios. 6.30: What's on in Canberra. 6.35: Dinner Music. 7.0: Vocal Half Hour. 7.25: To-morrow's Weather.

7.30: Donald Novis. 7.45: Famous Dance Bands. 8.0: Music from the Movies. 8.30: Instrumental Quarter Hour.

8.45: Modern Dance Music. 9.0: Famous Orchestras. 9.15: Sponsored Talk.
 9.30: Favorites, Old and New. 9.45: Relaxation Music. 10.0: Station Announcements and Close.

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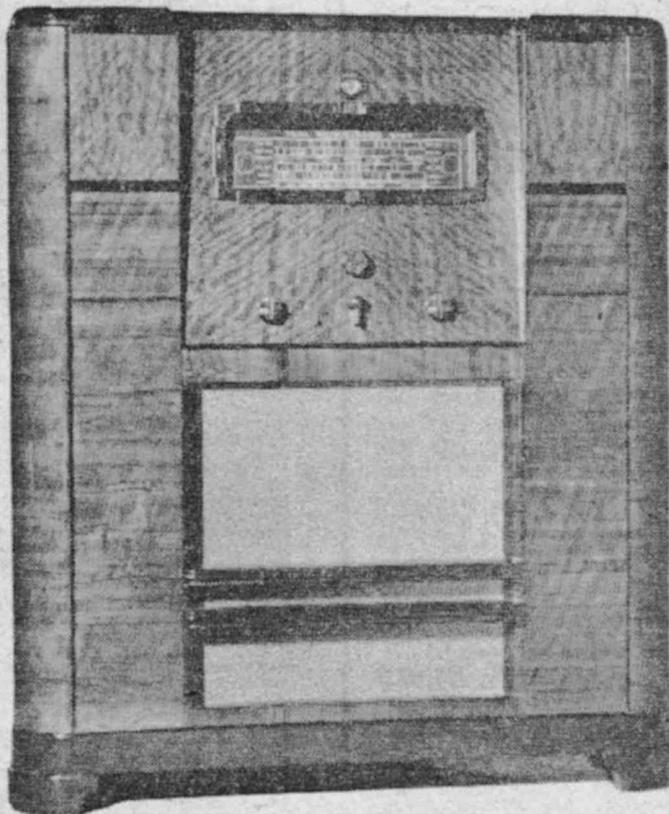
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MONDAY - - - - - Continued

2GN GOULBURN,
1390kc. 216m.

7.0: Bright and Popular Music. 8.30: Special Session. 8.45: Popular Music. 9.0: Close.
12.0: Bright Lunch-time Musical Programme. 12.30: Hill Billy Session. 12.45: Bright Luncheon Music. 1.15: Music Box. 1.30: Selected Music. 1.45: Close.
8.30: Entertainment for the Tiny Tots. 5.45: Serial Story. 6.0: Dinner Music. 7.0: Selections from Talkies and Ritz Screen News. 7.15: Popular Selections. 7.30: Hits of the Week.
7.45: The House of Peter MacGregor—Radio play. 8.0: Popular Selections.
8.30: Torchbearers of History—Radio Play. 8.45: Radio Play—Charlie Chan.
9.0: Popular Releases. 9.30: Selected Music. 10.0: Dance Hits of the Week. 10.15: Slumber Music. 10.30: Close.

2TM TAMWORTH,
1300kc. 231m.

Day Sessions as Friday, except:
8.0: Children's Hour.
6.0: Dinner Music.
7.0: Racing Final. 7.15: Musical Presentation. 8.15: Kosinaki and Clancy.
8.30: Follies of 1937. 9.0: Music. 9.15: A Claim for Justice. 9.30: Radio Rhythm.
9.45: Songs of Home (England).
10.0: Listener-arranged Programme. 11.0: Close.

2KA KATOOMBA,
1160kc. 259m.

Morning as usual, except:
8.15: Sally and Sam.
6.0: Merry Mountaineers' Session. 6.15: The Pearl Pirates. 6.30: Dinner Music. 7.0: Racing Final. 7.15: Your Favorite Singers.
7.30: Sweet Swing. 7.45: Some Scotch. 8.0: Overture. 8.10: The Hollywood Parade. 8.30: Songs of the Islands.
★ 8.45: THE COUNT OF MONTE CRISTO.
9.0: Gem of the Evening. 9.5: A Claim for Justice. 9.30: New Releases. 9.45: Push Back the Chairs. 10.0: News. 10.5: More Dance Music. 10.15: Slumber Time. 10.30: Close.

2AD ARMIDALE,
1080kc. 278m.

Day Sessions as Friday, except:
No Devotional Session.
6.0: Dinner Music and Birthday Calls. 7.0: Listeners' Request Session.
8.0: Torch Bearers of History. 8.30: Dance Music.
8.45: Charlie Chan. 9.30: News, Market, and Weather Reports.
9.45: Music Lovers' Session.
10.10: Slumber Music. 10.27: Tranquillity Tales. 10.30: Close.

2GF GRAFTON,
1210kc. 249m.

7.30 to 8.30: Merry Morning Session. 12.30: Music. 1.15: Musical Box. 1.45: Music. 5.30: Uncle Col and Margaret. Special Upper Clarence Session. 8.0: Dinner Music. 8.30: Musical Programme. 7.0: Mystery Crooner.
7.5: The House of Peter MacGregor. 7.30: Sponsored Programme. 7.40: News. 7.45: Charlie Chan.
8.0: Family Dentist. 8.45: Music. 9.0: The Cub Reporter. 9.15: Fifteen Minutes' Recorded Talk. 9.30: News. 10.30: Close.

2LM LISMORE,
900kc. 333m.

Day Sessions as Friday, except:
5.30: Children's Story Book, conducted by Aunt Mollie.
5.50: Grey Wolf Conducts the Cub Session.
6.0: Dinner Music. 6.30: Beau Brummel.
6.45: Wizards of the Wurliizer.
7.0: The Ghost Corps. 7.15: Sporting Session. 7.30: Happy Dan.
7.45: Request Programme.
8.0: Songs of Yesteryear. 9.45: Dance Programme.

9.50: Birthday Calls. 10.0: News. 10.30: Close.

2RG GRIFFITH,
1470kc. 204m.

6.0: Children's Session. 6.30: Music Lovers' Potpourri. 7.0: Songs at the Piano, by Cyril James. 7.15: Snapshots of Comedy. 7.30: Market Reports. 7.45: Local News. 9.30: One Hour Dance Programme. 10.30: Good-night Song.

2AY ALBURY,
1480kc. 203m.

12.0: Open. 12.30: News. 1.15: The Music Box. 2.0: Close.
5.30: Children's Session. 6.0: Dinner Music. 6.45: Session of Films and Film Stars. 7.30: Sporting Session, conducted by Mr. Bunton.
8.0: Charlie Chan. 8.15: Matters Concerning Men. 9.0: Heroes of Civilisation. 9.15: A Claim for Justice. 9.30: Tuneful Melodies. 10.30: Close.

2QN DENILIQUIN,
1440kc. 208m.

7.30: Brighter Morning Music. 8.0: News. Weather, etc. 9.0: Close.
12.0: Luncheon Music. 12.30: Melbourne Session. 1.10: Weather. News, etc. 2.0: Close.
6.0: Children's Session. 7.0: 2QN's Sporting Commentator. 7.45: Musical Moments. 8.0: Overture. 8.30: Bendigo Traders' Session. 9.30: News. 9.45: New Release Session. 10.0: 2QN's Session of Brighter Numbers. 10.30: Close.

2BH BROKEN HILL,
1060kc. 283m.

7.0: Cheery Morning Tunes. 7.15: News. 9.0: Close.
1.0: Happiness Session. 2.0: Close.
5.0: Children's Session. 5.30: Variety. 6.0: Dinner Music. 6.30: News and Stocks. 7.0: Medley. 8.0: Torch Bearers of History. 8.15: Songs at the Piano. 8.30: Celebrity Programme. 8.45: House of Peter MacGregor. 9.0: News. 9.15: Melody and Song. 9.30: Variety of Dance Tunes. 10.30: Close.

2BS BATHURST,
1500kc. 200m.

Day sessions as Friday.
5.0: Children's Session. 6.0: Jokes and Serial. 6.15: News. 6.30: Dinner Music. 7.0: Pinto Pete and his Ranch Boys. 7.15: Recorded Interlude. 7.30: Popular Melodies.
8.0: Dance Music. 8.30: George Street Session. 9.30: Listeners' Selection. 10.0: Close.

3LO MELBOURNE,
770kc. 290m.

Day Sessions as Friday, except:
9.35: The Radio Serial, "The Barbecue Mystery," by Arthur W. Upheld, read by "Scribe."
10.10: Current Happenings in Sport, by A.B.C. Commentator.
10.30: My Wanderings Abroad—Marie Balfour.
The Week's Health Talk—Crippled Children—Dr. John Dale.
11.3: Home Exercises—Mr. P. W. Pearce.
12.0: Health—The Body Work—The Daily Bath—Hippocrates.
12.45: At Home and Abroad—The Watchman.
1.30: From the Constitutional Club—Luncheon Speeches.
3.0: Broadcast to Schools—Milestones in Modern History—Disraeli, 1804-1881—Sparks.
3.30: Khyber—Written by Edmund Barclay. Episode 19—The Whispering Skull. Production: John Cairns.
5.0: Accordion Time.
5.20: Tiny Tots' Session.
5.30: Young People's Session. (S.) More of Our Radio Thriller—People of the Black Peacock. (M.) Doobel Ann sends Travel News. Bob tells a Cautionary Tale. Good-night.
6.0: Dinner Music.
7.40 (S.) From the Cafe Noir (See 2FC).
8.0: As Ye Sow (See 2FC).

ON THE SHORT WAVES

5.0 a.m. (GSB 31.5, GSD 25.5, GSI 19.6): Religious Service (Church of Scotland) from Dumblane Cathedral. 5.45: Violin Recital. 6.5: RELAY OF CONCERT FROM KNOCKE CASINO, BELGIUM. 6.45: Close.

6.0 a.m. (TPA3 25.23, OLR4A 25.34, JZK 19.79, JZJ 25.42, CSW 27.17): Musical Programmes, with News in English from JZJ and JZK at 6.0 and 8.15, TPA3 at 6.10 and OLR4A at 7.0 a.m.

7.0 a.m. (GSO 19.76, GSG 16.8, GSB 31.5, GSF 19.8): Weekly Newsletter. 7.20: "Summer Over the British Isles. No. 3: A Tour of the Romantic Coastline and Rivers of Devon and Cornwall. 8.5: The New Georgian Trio. 8.30: "Here Lived... Captain Cook." 8.45: Epilogue. 9.0: Close.

7.50 a.m. (DJN 31.4, DJB 19.7, DJQ 19.6): German Folk Songs. 8.0: Music. 8.45: German News. 9.0: Music.

9.0 a.m. (YDC 19.8): Musical Test Programme from Java. 10.30: Close.

9.20 a.m. (GSP 19.6, GSO 19.7, GSD 25.5, GSF 19.8): Orchestral Music. 9.30: Brahms's Piano Variations. On a Hungarian Song, Op. 21, No. 2. On a Theme by Paganini, Op. 35, No. 10: Special Service from St. Paul's Cathedral. 11.15: Weekly Newsletter. 11.35: Close.

11.15 a.m. (DJD 25.4, DJB 19.7, DJQ 19.6, DJN 31.4): News in English from Berlin. 11.30: Musical Programme. 1.30: News in English. 1.45: Greetings to Listeners. 1.50: Close.

Noon (GSI 19.6, GSG 16.8, GSD 25.5, GSB 31.5): Big Ben. English Country Dance Airs. By the B.C. Midland Orchestra. Old Heddon of Sawley. Four Hand Reel, to Tune of the Dusty Miller, Newcastle. Heartsease. The Pleasures of the Town. The Triumph. 12.30: "The England I Find." Talks by Men and Women from the Dominion. 12.45: Short Religious Service. 1.0: Band of London Fire Brigade. 1.40: News. 2.0: Close.

12.30 p.m. (TPA4 25.6): Recorded Music. News in French. 1.30: News in English. 1.45: Records. 3.0: Close.

3.0 p.m. (GSB 31.5, GSO 19.76, GSG 16.8, GSD 25.53): Big Ben. "London Merry-Go-Round." Cabarets and West End Shows. 3.40: "The England I Find." By Empire Men and Women. 3.55: The Arthur Dulay Quintet. Cockney Love. At the Palais de Danse. Bank Holiday. Lollipop, Up from the Country. Penny in the Slot. Hampstead Hilarity. 4.25: News. 4.45: The B.B.C. Presents the A.B.C.—Letter "P." 5.15: Close.

3.10 p.m. (DJN 31.4, DJA 31.3, DJB 19.74, DJE 16.89): Gay Music. 4.0: News in German. 4.15: More Gay Music. 4.50: GREETINGS TO AUSTRALIAN LISTENERS FROM BERLIN. 5.0: News in English. 5.15: Sound Pictures. 5.30: G. Nube Tells a Fairy Tale.

5.45 p.m. (DJB 19.74, DJE 16.89): From "Winter Journey" (Schubert). 6.5: Club of Notions. 7.15: Sporting Review. 7.30: German News. 8.0: Vocal Recital by Else Wolf. 8.15: Close.

6.30 p.m. (3LR 31.34): Finance and Commerce. 6.45: Sporting. 7.0: Talk on "The Absorption of Surplus Man Power." By Professor Hart. 7.25: National News. 7.30: News for Queensland and N. Australia. 8.0: Serial. 8.30: Celebrity Recordings. 8.40: "The News Behind the News." By "The Watchman." 9.0: The National Dance Orchestra. 9.25: Emma and Erbert. 9.35: Comedy and Rhythm. The National Dance Orchestra. 10.0: Melbourne Programme. 10.30: News. 10.50: Meditation Music. 11.30: Close.

7.0 p.m. (3ME 31.58): Recorded Music. 8.0: Songs by the World's Best Baritone. 9.0: News. 9.15: Gems from Musical Comedies. 10.0: Close.

7.0 p.m. (GSG 16.8, GSH 13.97): Big Ben. THE ROYAL NATIONAL Eisteddfod of Wales. Descriptive Commentary on Opening Ceremony. 7.30: Close. 8.45: Reopen with "Big Ben." "Empire Exchange." Talks by Dominion Travellers. 9.0: The Band of H.M. Coldstream Guards. From the Palace Pier, Brighton. 9.40: Dancing Time. Harry Leader's Band. 10.10: County Cricket Commentaries. Yorkshire v. Lancashire, and Kent v. Hampshire. 10.30: Country Dance Airs. 11.0: Records. 11.30: News. 11.55: Close.

9.0 p.m. (TPA2 19.6): News in English from Paris. 9.15: Talk. 9.30: Music.
9.0 p.m. (DJB 19.74, DJE 16.8, DJQ 19.6): Concert of Light Music. 10.0: News in English from Berlin. 10.15: Light Music. 11.0: News in German. 11.15: Brass Band Programme. 11.45: Sporting. Midnight: News in English from DJQ.

FOR OTHER SCHEDULES SEE FRIDAY.

8.40: The News Behind the News.

By The Watchman.

9.0: Dance Again (See 2FC).

9.25: Emma and Erbert (See 2FC).

9.35: Comedy and Rhythm (See 2FC).

10.0: Memories (See 2FC).

10.40: Meditation Music.

11.15: Radionations Geneva—Weekly News Bulletin from The League of Nations Short Wave Station.

11.20: A Summary of the Day's News. 11.30: Close.

3AR MELBOURNE,
630kc. 470m.

Day Sessions as Friday, except:

9.20: Broadcast to Schools—Music Lessons for Junior Classes—Miss Thelma Reah.

9.30: Games—Mrs. C. O. Fairbairn.

9.55: Early Stages in Japanese—Mr. H. Traynor, Mr. M. Inagaki.

6.15: Countryman's Session.

6.45: Sporting Session, conducted by A.B.C. Commentator.

7.0: (S.) National Talk: "The Absorption of Surplus Man

Power"—Professor F. W. Hart.

7.25: National News Bulletin. 7.30: Victorian News Bulletin. 7.35: Links with the Past.

7.40: Round the Town—A Review of Current Films and the Theatre—Mr. Vance Palmer.

8.0: "Il Voce D'Oro"—In Memory of Enrico Caruso—August 2, 1921. Arranged for Broadcasting by James Grant.

8.25: A Talk by Miss Helen Simpson.

8.45: International Celebrities, with Special Annotations. Acts 1 and 2 of the Opera, "Der Rosenkavalier" (Strauss).

Cast: Feldmarschallin, Lotte Lehmann, Soprano; Baron Ochs, Richard Mayr, Bass; Octavian, Maria Olaszewska, Contralto; Von Pannof, Victor Madin; Sophie, Elisabeth Schumann, Soprano; Marianne, Anna Michalsky; Valzacchi, Hermann Gallos; Annina, Bella Paalen; Police Commissary, Karl Etti; Innkeeper, William Wergnick.

Members of the Chorus of the Vienna State Opera and Vienna

Philharmonic Orchestra, conducted by Robert Heger. 10.15: News. 11.30: Close.

2CO COROWA.

670kc. 448m.

6.30: See 2BL. 6.50: See 3AR. 9.35: See 3LO. 11.30: Close.

12.0: See 3LO. 12.35: News. 12.45: See 3LO. 1.15: See 3AR. 1.35: See 3LO. 2.0: Close.

3.0: See 3LO. 4.0: Close.

5.0: See 3LO. 6.0: Local Session, including Market Reports from Albury. 6.15: See 3AR. 7.35: Local News Service. 7.40: See 3LO. 11.30: Close.

4QG BRISBANE.

800kc. 375m.

Day Sessions as Friday, except:

10.30: The Daily Broadcast Service, conducted for the Presbyterian Church by Rev. David Galloway.

11.45: Talk, by Miss Gladys Frost. Musical Names as an Aid to Listeners.

12.0: (M.) Health Talk Broadcast to Schools—How to Take Care of Ourselves.

3.0: For the Diggers—Selected Music (r.).

3.45: A Short Story, Told by Dion Wheeler. The Madness of Harold Crowley by Ernest Wells.

5.15: Children's Session for the Tiny Tots.

5.30: (S.) Children's Serial Play—The People of the Black Peacock. 5.40: Cap and Bebe. 5.50: The Knowledge Man.

6.0: Dinner Music (r.).

6.25: Movements of Air-mail Planes. Stock Exchange Report.

6.27: Crumtyman's Service Session.

6.45: Sporting Notes. 7.0: Talk.

7.25: (S.) National News Bulletin.

7.40: (S.) From the Cafe Noir (See 2FC).

8.0: (S.) As Ye Sow (See 2FC).

8.30: Talk by B. H. Molesworth, M.A.

8.40: (M.) The News Behind the News, by "The Watchman."

9.0 (M.) Dance Again (See 2FC).

9.25: (M.) Emma and 'Erbert (See 2FC).

9.40: Talk by H. A. Longman, F.L.S., Director of the Queensland Museum.

A Walk Through the Museum—2. 10.15: The Ipswich Vice-Regal Band (See 2FC).

10.30: Meditation Music. 1.15: (M.) Radionations News Bulletin. 11.20: Weather. News. 11.30: Close.

5CL ADELAIDE.

730kc. 411m.

Main Features:

11.30: National Broadcast to Schools by Dr. Kingsley Norris—"How to Take Care of Ourselves."

3.15: Educational Broadcast by Miss G. T. Law, M.A.—Australian History: "Invading Australia."

5.30: Tiny Tots' Corner—"Hello, Everyone."

5.40: Young People's Session—Serial: "The Man Next D.O.R." Characters: Mark; Miss Rankin; Miss Wilson. Good-night.

6.30: National Talk by Dr. E. G. Malherbe—"Race Problems—South Africa."

6.50: Interlude. 6.55: National News Bulletin. 7.0: Evening News. 7.5: Official Stock Exchange. 7.15: Interlude. 7.22: Cattle Market Reports.

7.30: "Every Monday Night at Seven-thirty"—"As Ye Sow" (see 2FC).

8.0: Interlude (r.).

8.10: "The News Behind the News," by "The Watchman."

8.30: Dance Again with Al. Hammett and the National Dance Orchestra.

8.55: "Emma and 'E-ber't."

9.5: Weather Bulletin and Announcements.

ALTERNATIVE PROGRAMMES.

9.10: 5CL—London Philharmonic Orchestra, conducted by Dr. Malcolm Sargent: Ies Sylphides Ballet (Chopin-White); Spring Song (Mendelssohn); Spinning Song (Mendelssohn); Bees' Wedding (Mendelssohn).

9.10: 5CK—Countrymen's Session, arranged by Mr. A. L. Langford—"Frost Prevention," by Mr. J. B. Harris (Department of Agriculture), and Countrymen's Special News Bulletin.

9.40: 5CL and 5CK—"Crazy Session."

10.0: News, Weather Bulletin, and Aviation.

10.10: Recorded Variety, presenting Oliver Wakefield: "Fats" Waller (Piano); Ambrose and His Orchestra; John Tilley; Hildegard; The Street Singer; Comedy Harmonists.

10.45: Radionations Gazette—Weekly News Bulletin from the League of Nations' Short-wave Station.

10.50: Interlude. 11.0: Time Signal. 11.1: Meditation Music.

11.20: A Summary of the Day's News. 11.30: Close.

7HO HOBART.

860kc. 349m.

8.0: News. 8.6: Musical Programme. 9.0: Close.

11.0: Miranda's Housewives' Session. 12.15: News. 12.20: Recordings. 2.0: Close.

3.0: Matinee Session. 4.0: Dance Music. 4.30: Session of Outstanding Recordings. 5.30: Children's Session, with Uncle David and Brian. 5.45: Uncle Hermie and 'Erbert. 6.0: Birthdays, Letters, etc. 6.15: Dinner Music. 6.30: Racing Talk. 6.40: Magic Carpet. 6.57: Strange Reporter.

7.0: New H.M.V. Recordings. 8.0: Magnificent Heritage. 8.40: Hit of the Week. 8.45: A Claim for Justice. 9.15: Cavalcade of Kings. 9.30: One Man's Family. 10.0: News. 10.5: New and Popular Dance Recordings. 11.0: Close.

7HO HOBART.

860kc. 349m.

8.0: News. 8.6: Musical Programme. 9.0: Close.

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7HT HOBART.

1080kc. 278m.

Day sessions as usual.

5.30: Sunshiners' Sing Song at His Majesty's Theatre. 6.0: Uninterrupted Dinner Music.

6.30: Sporting Session, conducted by Billy Barwick.

6.45: His Majesty's Troubadour. 7.0: Dad and Dave.

7.20: It Happened in Australia. 7.30: Instrumental Novelties. 8.0: Musical Potpourri.

8.30: Chandu the Magician. 10.0: News Service. 10.30: Variety Music. 11.0: Close.

SATURDAY Continued

(From Page 24)

7HO HOBART.

860kc. 349m.

8.0 to 1.0: As on Tuesday.

During the afternoon—Race Descriptions by Eric Welch will be relayed from 3DB. All Sporting Results broadcast.

5.45-6.0: David and Dawn. 6.0: Birthdays. 6.15: Musical Programme. 6.45: Sporting Session.

7.45: Official Description of Greyhound Racing from T.C.A. Ground, Hobart—Races Described by Brian Hodgman. All Races interspersed with Dance Music. 11.0: Close.

7HT HOBART.

1080kc. 278m.

7.0: The Early Bird. 7.45: News. 8.0: Morning Woman's Session, conducted by Neta Chaston. 10.30: Close.

12.0: Midday Melodies. 12.30: Claude Tilley's Selection. 1.15: News. 1.30: Claude Tilley's Selections. 2.0: Close.

6.0: Uninterrupted Dinner Music. 6.30: Variety Music.

6.55: Sporting Session, conducted by Billy Barwick. 7.20: It Happened in Australia. 7.30: Harmony in Music.

7.45: Commentary of Greyhound Racing Events at the T.C.A. Ground, by Billy Barwick, from the first to the last race, with Musical Selections interspersed. 10.0: Dancing Time. 12.0: Close.

Why Every Woman should have a

LEHMANN 5-MINUTE WASHER

COSTS ONLY 99'6

- QUICKER AND BETTER.** Apart from being cheap to purchase and costing nothing to operate, the Lehmann will do the washing quicker and cleaner than any other known means. 5 Minutes will wash perfectly anything from a tubful of greasy overalls to a pair of double blankets. These aren't just general statements—they are facts that have been proven time and again. A usual 4 hours' wash will be finished in less than 1 hour with the Lehmann.
- WHY IS THE LEHMANN QUICKER AND BETTER?** Because the gentle motion of pushing the plunger into the water causes the air contained in it to force the soapy water through the mesh of the garments. On the upstroke the plunger draws the water back again through the mesh. This action carries with it any dirt or foreign substance lodged in the clothes and does not in the least injure the faintest laces, flannels or lingerie. It will wash the finest fabrics or the heaviest blankets. The use of Compressed Air and Vacuum (exclusive to the Lehmann) eliminates friction, which shortens the life of the clothes.
- EASY ON THE CLOTHES.** The Lehmann system has been scientifically proven to be easier on the clothes than any other known method of washing. Many washing powders are highly chemical and cause rapid deterioration of certain fabrics. There is no satisfactory substitute for "Agitated Soapbuds," and Lehmann is the simplest and most efficient method of producing the agitation.
- NO RUBBING OR BOILING.** Hot water plus Air Pressure and Suction as applied in the Lehmann Washer gets World's First Prize for easy and efficient washing, and only 5 minutes easy circulation does the job.
- CHILD'S PLAY.** When your child can reach the lever it can do the Washing. Light and simple to operate. No back-straining or knuckle-skinning with this machine. A novice with the scientifically-designed Lehmann can produce whiter clothes than all the brute force and washboards in the world—and the clothes feel better about it, too.
- PRICE** is only 99'6 cash, or available on low deposit and easy payments. No other domestic appliance does so much work for so little money.
- SAVING.** The Lehmann should last a lifetime, but if it lasts but ten years the cost per week is only a few pence. Think of the saving of your health, strength, and appearance—the saving in doctor's bills—the saving in time—probably hours per week. In the saving of clothes alone the Lehmann will pay for itself in a few months.
- SHINES ON BLANKETS.** Blanket Day in the old-fashioned way ruined many a woman's temper. The Lehmann just loves blankets. Handles 'em like handkerchiefs, and turns 'em out cleaner than when they left the Mills.
- GUARANTEE.** Every Lehmann Washer is guaranteed to do all we claim for it or your money refunded.

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2CH

PRESENTS

PRESENTS



BITS AND PIECES COMPILED BY



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Odd facts gathered from the four corners of the earth, strange stories from remote places, comments on unusual happenings, schoolboy howlers and humorous anecdotes are among the features of this interesting session presented each Thursday at 7.45 p.m.

Oscar Lawson covers a wide variety of topics and his commentary is interspersed with stirring band music that you will enjoy.

LISTEN REGULARLY TO THE COMEDY CLUB

On the air every Tuesday, Thursday and Saturday at 7 p.m., the Comedy Club presents a session in which the prize-winning jokes of the week are enacted by 2CH personalities. Send in the best jokes you know and then listen for them while the Comedy Club is in session. The hearty laugh of the kookaburra ushers in this popular feature, but you will feel like laughing louder if one of your own contributions wins a prize. The Comedy Club is conducted by Edward Howell.



AMALGAMATED WIRELESS (A'SIA) LTD.

TUESDAY

[AUGUST 3]

2FC SYDNEY,
610kc. 492m.

- Day Sessions as Friday, except:
- 9.45: A Racing Talk by the A.B.C. Racing Commentator.
 - 10.50: Gladys Owen Reviews a Recent Book.
 - 12.0: BROADCAST TO SCHOOLS—PRIMARY: ENGLISH.
Mr. G. A. Cantello, B.A., Inspector of Schools, will tell: How the School Magazine May Help Us to Give Clear Descriptions.
 - 12.45: AT HOME AND ABROAD.
A News Commentary by The Watchman.
 - 3.0: BROADCAST TO SCHOOLS—SECONDARY: MUSIC.
Mr. Vivian W. Peterson, B.A., B.Ec., Assistant Supervisor of Music, Department of Education, will speak on: The Music of Mozart.
 - 3.45: Anthony Grist will Tell a Story: THE KITE.
 - 5.0: Musical Items (r.).
 - 5.30: YOUNG PEOPLE'S SESSION THE PEOPLE OF THE BLACK PEACOCK.
A Thrilling and Dramatic Story of the East by MAJOR J. T. GORMAN. Dramatised for Radio by ELLIS PRICE.
 - 5.40: Wattle Town—Presented by Tai Ordell and Robin Bryson and Pat.
 - 6.0: Dinner Music (r.).
 - 7.40: THE A.B.C. (SYDNEY) WIRELESS CHORUS. (See Panel)
 - 8.0: FIVE FACE THE MUSIC. (See Panel)
 - 8.35: BRONISLAW HUBERMAN. (See Panel)
 - 9.30: THE A.B.C. (MELBOURNE) CONCERT ORCHESTRA. (See Panel)
 - 10.40: Dance Music by THE NATIONAL DANCE ORCHESTRA. (See Panel)
 - 11.20: Late Weather and News.
 - 11.30: Close.

2BL SYDNEY,
740kc. 405m.

- Day Sessions as Friday, except:
- 11.40: LET'S TALK ABOUT OURSELVES.
TALK BY EILEEN ALEXANDER.
 - 12.7: A Pianoforte Recital (r.), by ARTUR SCHNABEL.
 - 1.0: WHAT'S IN A NAME?
The First of the Series—The Romance of Fair Cities.
Arranged by JOHN WHEELER.
 - 3.35: SASCHA BERLINER'S CONTINENTAL ENSEMBLE.
Songs of Vienna—Potpourri (Morena)
Turkish Salute (Haberl)
Einmal 1st Keimmal—Tango (Benatzky)
Tuyo es mi Amor (Carrera)
Petite Causerie (Ocki-Albi)
Yablotochko (Olier)
Poranek (Lindsay)
Le Soir du Sabbat (Dauber)
 - 4.30: Mrs. Osborne O'Reilly—Reads a Letter from Paris.
 - 5.30: RAMBLING IN RHYTHM.
A Programme of New Release Recordings.
 - 6.0: A FRENCH LESSON, conducted by DR. L. D. WOODWARD and M. JEAN DE VIAL with Songs by MADAME GERMAINE GOY-ETCHE Mezzo-Soprano.
 - 6.15: Stock Exchange Report, Weather Report, Markets.
 - 6.45: SPORTING SESSION—Results and Comments.
 - 6.50: The A.B.C. Racing Commentator.
 - 7.0: NATIONAL TALK—EDUCATION IN AN ENGLISH PRISON.
By MR. E. SALTER DAVIES.
 - 7.20: NATIONAL NEWS BULLETIN.
 - 7.30: Local News.
 - 7.45: A Talk by THE GUNNER.
 - 8.0: FROM LIVERPOOL MEN'S HOME—COMMUNITY SINGING CONCERT. (See Panel)
 - 9.0: Talk
 - 9.10: Interlude (r.).
 - 9.25: FROM THE CONSERVATORIUM OF MUSIC, SYDNEY. (See Panel)

2FC 7.40

THE A.B.C. (Sydney) WIRELESS CHORUS

Conducted by JOHN ANTILL

- Shepherds' Chorus (Schubert)
- The Devil's Awa' wi' the Exciseman (Mansfield)
- Farewell, Nancy (Judd)
- Come Ye Fairies (Lynes)
- Spring Song (Pinsuti)
- Boccherini's Minuet in A (Arr. Rowley)

2FC 8.0

FIVE FACE THE MUSIC

A Play by DENZIL BATCHELOR

In this light-hearted extravaganza, written before he left Australia for Europe, Denzil Batchelor tells what happened when a Toorak hostess, two of her friends, her cook, and the captain of the liner find themselves wrecked on a deserted South Sea Island.

- CHARACTERS:
- MRS. AUGUSTINE BEVELTOP.
 - MRS. SPUDGE.
 - MISS PRUDENCE PRENTICE.
 - CAPTAIN CLAIRMOND.
 - MR. JOHN TALMADGE.
- Production: FRANK JOHNSTON.

2FC 8.35

FROM THE ADELAIDE TOWN HALL

BRONISLAW HUBERMAN

Celebrated Polish Violinist

Associate Artist: JAKOB GIMPEL, Pianist

- CONCERTO IN E MINOR, OP. 84 (Mendelssohn)
Allegro molto appassionato.
Andante.
Allegretto ma non troppo.
Allegro molto vivace.
- CHACONNE (UNACCOMPANIED) (Bach)

2FC 9.30

THE A.B.C. (Melbourne) CONCERT ORCHESTRA

Conducted by JOSEPH POST.
Assisted by ARTHUR LITTLE, Baritone.

- ORCHESTRA—
An Occasional Overture (Handel)
Four Interludes from The Beggar's Opera (Gay, arr. Austin)
- BARITONE—
I Envy Not a Monarch's Fate (Henry Purcell)
It is Jolly to Hunt, from The May Queen (Bennett)
- ORCHESTRA—
Hurly Burly (Armstrong Gibbs)
A Norfolk Rhapsody (Vaughan Williams)
- BARITONE—
Silent Noon (Vaughan Williams)
Mother Carey (Frederick Keel)
Now Sleeps the Crimon Petal (Quilter)
- ORCHESTRA—
Four Songs transcribed for Orchestra (Elgar)
Rondel.
Queen Mary's Song.
The Shepherd's Song.
Like to the Damaak Rose.

2FC 10.40

DANCE MUSIC THE NATIONAL DANCE ORCHESTRA

Conducted by AL HAMMETT

- 10.0: FROM THE STUDIO—
"This Is My Own My Native Land"—A Mosaic of Australian Verse and Music, arranged by John Wheeler.
 - 10.20: Late News and Weather.
 - 10.30: Close.
 - Teacups by Celia Starfield.
 - 11.5 to 11.15: News Service by Courtesy of the Newcastle "Morning Herald."
 - 11.15 to 11.30: Relayed from 2FC.
 - 12.0 to 2.0: Relayed from 2FC.
 - 3.0 to 4.0: Relayed from 2FC.
 - 5.0 to 11.30: Relayed from 2FC.
- 2NC NEWCASTLE,**
1230kc. 244m.
- 6.30 to 9.30: Relayed from 2BL.
 - 9.30 to 11.0: Relayed from 2FC.
 - 11.0 to 11.5: FROM 2NC NEWCASTLE STUDIO: Chat Over the
- 2NR NORTHERN RIVERS,**
700kc. 429m.
- 6.30 to 9.30: Relayed from 2BL.
 - 9.30 to 11.30: Relayed from 2FC.
 - 12.0 to 1.25: Relayed from 2FC.

- 1.25 to 1.35: 2NR Studio—Local News from the "Grafton Examiner."
- 1.35 to 2.0: Relayed from 2FC.
- 3.0 to 4.0: Relayed from 2FC.
- 5.0 to 6.0: Relayed from 2FC.
- 6.0 to 7.35: Relayed from 2BL.
- 7.35 to 11.30: Relayed from 2FC.

2CR CENTRAL REGIONAL,
550kc. 545m.

- 6.30 to 9.30: Relayed from 2BL.
- 9.30 to 11.30: Relayed from 2FC.
- 12.0 to 1.25: Relayed from 2FC.
- 1.25 to 1.35: FROM 2CR STUDIO—News Service by courtesy of the "Orange Advocate."
- 1.35 to 2.0: Relayed from 2FC.
- 3.0 to 4.0: Relayed from 2FC.
- 5.0 to 6.0: Relayed from 2FC.
- 6.0 to 8.0: Relayed from 2BL.
- 8.0 to 10.30: Relayed from 2BL.
- 10.30 to 11.30: Relayed from 2FC.

2UE SYDNEY,
950kc. 316m.

- Day Sessions as Friday, except:
- 6.40: Track Gallops direct from Randwick at intervals.
 - 8.0: Randwick Track Highlights.
 - 12.30: "Poultry"—Talk by Mr. C. Honeyfield.
 - 1.10: Harold Park Dog Draw.
 - 2.45: The Radio Adviser on Life's Problems.
 - 4.0: Call To Youth Travel Club.
 - 5.0: A Musical Cocktail. 6.5: Harold Park Dog Draw. 6.10: Racing Results.
 - 6.20: Rhythm of To-day.
 - 6.30: Preview by the Newsletter Racing Commentator.
 - 6.36: Dinner Music.
 - 6.45: THE ARMY SESSION, CONDUCTED BY "THE COLONEL"
 - 7.0: The Iron Horse. 7.15: Orchestras of All Nations.
 - 7.30: THE RANDALL FAMILY.
 - 7.45: The Singing Salesman.
 - 7.50: The Reporter of Odd Facts.
 - 7.55: A Spot of Humor. 8.0: News Service. 8.5: The Vicar.
 - 8.15: QUEEN VICTORIA — HER LIFE AND REIGN.
 - 8.30: To-day's New Record Releases.
 - 8.45: Turf Topics, by Jack Cooper.
 - 9.0: Happy Days. 9.15: Eric Bell, Pianist. 9.30: Sportscast. 9.35: Bands and Baritones.
 - 9.45: THE WEAKER SEX.
 - 10.0: Let's Talk About Talkies — The Radio First Nighter. 10.15: News Service. 10.20: Music.
 - 10.30: DANCE HOUR.
 - 11.30: Close.

2CH SYDNEY,
1190kc. 252m.

- Day sessions as Friday, except:
- 10.2: Morning Devotion—Rev. W. L. Jarvis.
 - 1.0: COMMUNITY SINGING, CONDUCTED BY BOB STROTHER; FROM AUBURN.
 - 2.45: Joan and June present "A Tea Time Rendezvous."
 - 4.55: Children's Session, by the Fairy Godmother. 5.30: The Zoo Lady.
 - 5.40: The Hello Man's Children's Session.
 - 6.15: Junior Chorus. 6.25: Dinner Music.
 - 6.30: Carson Robison and His Buckaroos.
 - 6.45: Knight Barnett at the Burwood Cinema Organ. 6.59: Weather Report.
 - 7.0: "COMEDY CLUB," COMPERED BY EDWARD HOWELL.
 - 7.10: The Harmony Girl. 7.15: The Leader of the Band.
 - 7.25: Sally Paige at the Piano.
 - 7.30: The Harmony Parade.
 - 7.45: Snapshots of London.
 - 8.0: FRED AND MAGGIE EVERYBODY, FEATURING EDWARD HOWELL AND THERESE DESMOND.
 - 8.12: Orchestra Mascotte. 8.15: Stars of the Air. 8.25: Harry Davidson at the Organ.
 - 8.30: Music of the Argentine. 8.50: Five Minute Mystery. 8.50: Night and Day.
 - 9.0: PICK O' THE WEEK—THE CREAM OF THE WEEK'S NEW RECORDINGS.

TUESDAY - - - - - Continued

9.15: Martial Memories, presenting Louis Levy and the Gaumont British Orchestra—Sons of the Sand; Raymond Newell, singing Legion of the Lost; Georges Thill singing La Reve Passee.

9.30: Francois Stempinski, Violinist. 9.45: IN THE CRIME LIGHTS. 10.0: MR. WEARY AND MR. WORN, FEATURING EDWARD HOWELL AND LES WATSON.

10.15: Rendezvous with Rhythm. 10.30: RONALD MARSTON AT THE FULLERTON MEMORIAL ORGAN.

Selection of Scottish Airs (Fletcher); Hymn of the Old Church Choir (Polman); Three-minute Talk by Rev. Geo. Cowie, B.A.; Church Chimes (Pamecnik). 10.50: Meditation and Music. 11.0: Close.

2GB SYDNEY,
870kc. 345m.

Day Sessions as Friday, except: 9.15: A Talk by Mr. Richard Want, M.A.

10.30: Dorothy Jordan — "Beauty Through the Ages." 1.0: Arthur De Dion—The Astrologer.

4.15: Miss Dorothy Senior, A.S.T.O. — "Home Decorating."

4.45: Auntie Goodie—Songs to the Tiny Tots.

5.0: Children's Session, conducted by Uncle George. 5.30: Crazy Kollege. 5.35: Children's Session continued. 6.0: Terry and Ted.

6.15: Twenty Thousand Leagues Under the Sea, by Jules Verne. 6.30: Dinner Music.

6.45: PICKWICK PAPERS — A B.S.A. PRODUCTION.

7.0: Drums—A Radio Drama. 7.15: Milady's Favorites.

7.30: Revolution in Mexico — A B.S.A. Production. 7.45: Music.

7.55: A Spot of Humor. 8.5: Music. 8.15: Cafe Round the Corner — A B.S.A. Production. 8.30: House of Dreams—Dream Melodies — A B.S.A. Production. "Dance of the Little Dutch Dolls." 8.45: The Harmony Picker.

9.0: TWO RADIO STARS — JACK AND SUZY.

9.15: Guess What? 9.30: Tonic Tunes. 9.45: Hot Hawaiian Harmonies.

10.0: 2GB News Review. 10.15: New Records — To-day. 10.30: Frivolities. 10.45: Music.

11.0: Slumber Music. 11.20: 2GB Good-night Song. 11.30: Close.

2UW SYDNEY,
1110kc. 270m.

Day Sessions as Friday, except: 9.20: Track Gallops.

9.30: George Edwards and Nell Stirling in "The Scarlet Letter."

10.30: WOMAN'S MAGAZINE OF THE AIR — A TRANS-RADIO PRODUCTION.

12.0: COMMUNITY SINGING FROM THE SYDNEY TOWN HALL—LEN MAURICE AND JOHN, CONDUCTORS.

3.30: The Radio League of Health, Happiness and Beauty, by Mrs. Mary Charles Butler.

4.0: Young Citizens' Association—Mr. McNamara.

4.45: Radio Pictures Newsman. 5.5: Children's Session. 5.45: Nursery Rhymes. 5.55: The Talk of the Town.

6.0: George Edwards in "David and Dawn. 6.15: Dinner Music. 6.40: Kensington Form and Selections. 6.55: Highlights of Music.

7.0: DAD AND DAVE — A GEORGE EDWARDS' PRODUCTION.

7.15: MR. HARDIE AND MR. RUBBER.

7.20: Mrs. Arris and Mrs. 'Iggs. 7.30: "THE ELUSIVE BARONET"—A GEORGE EDWARDS' PRODUCTION.

7.45: Keyboard Kapers. 8.0: Pageant of Great Artists. 8.15: A Spot of Humor. 8.25: The Hit of the Week.

8.30: George Edwards and Nell Stirling in "Knights of the Round Table"—No. 4. 8.45: Music Parade. 9.0: Don Cossack Choir. 9.25: Charles Norman, Humorous Interlude. 9.35: Melody Souvenirs. 9.45: New Release Supplement. 10.0: Radio Rhythm. 10.15: Do You Remember These? 10.30:

Musical Miscellany. 11.0: The Party Spirit. Midnight Sessions as Friday.

2SM SYDNEY,
1270kc. 236m.

Day Sessions as Friday, except: 2.30: "The Pictorial of the Air"—Reading.

4.0: Miss Dacla Geatley, Soprano. 5.0: Uncle Tom and His Gang. 6.0: Angelus.

6.1: Dinner Session—Dominic Harnett. 6.50: Instructive Talk—"Asthma And Its Cause," by C. A. Hiosan. 7.0: Music.

7.15: "MO"—AUSTRALIA'S PRIME MINISTER OF MIRTH.

7.20: Music. 7.30: "ONE MAN'S FAMILY"—BOOK 10, CHAPTER 4: "ANOTHER LESSON IN THE LIFE CLASS." PRODUCED BY JOHN DUNNE.

8.0: "MUSICAL MOMENTS" WITH CARMEN BOWMAN, RHANA MEDLYN, WALTER KINGSLEY, FRED WEBBER.

8.15: Hats Off! Names in the News. 8.30: The Grocer and Madam.

9.0: "THE P.M.U. RADIO REVUE"—WITH "THE BIG FOUR" ETHEL HOLDEN, BILL LAKE, "THE HARMONY GIRLS," ETHEL WAINES AND THE CONCERT ORCHESTRA. PRODUCTION BY JOHN DUNNE.

10.0: Ten O'clock Musicale. 10.25: When You Come to the End of the Day—Paul Oliver. 10.30: Close.

2KY SYDNEY,
1020kc. 294m.

Day Sessions as Friday, except: 10.45: TALK—DR. LLOYD ROSS.

12.30: FULL SERVICE PROVINCIAL RACE MEETING—KEN HOWARD.

1.0: Special "Argus" Broadcast. 2.30: Smilin' Thru—Myra Dempsey. "The Question Box."

3.0: "Whose is the Voice"—Competition. 4.25: Melody Session—John Harper.

5.15: AF of the Alphabet—Children's Competition and Session. 5.30: Dinner Diverissements. 6.30: Dinner Entertainment—"Goodie" and Uncle Bert. 6.37: Spot of Humor. 6.45: Radio Snapshots. 7.0: Rufe Naylor.

7.15: Labor News Commentary. 7.25: Racing Topics—A. W. Davies. 7.35: Music. 7.40: Reg Martin. 7.50: Sporting Weekly — Ken Howard.

8.0: Overture. 8.30: Musical Highlights. 9.0: New Recordings.

9.15: "LABOR MARCHES ON"—RADIO PLAY WITH 2KY PLAYERS.

9.30: Melbourne Turf Topics—George Francis. 9.35: Music.

9.45: GREETINGS AND SALUTATIONS—FLESH AND BLOOD PRESENTATION.

10.15: Radio Rhythm. 10.30: Happy Hour—Gerry Hardman. 11.0: Your Favorite Artist. 11.15: Variety Music. 12.0: Close.

2GZ CENTRAL N.S.W.,
990kc. 303m.

Day Sessions as Friday, except: 6.50: Producers' Service Session—Mutton, Sheep, and Beef Cattle. 11.5: The Kitchen of the Air. 11.15: Health and Beauty Talk by Miss Susan Bell. 11.20: Our Household Scrap Book. 11.35: Music. 11.45: Country Women's Association.

1.30: "Frank Watanabe and the Honorable Archie."

3.40: "FRIENDS OF MINE."

3.55: Revelling in Rhythm. 4.0: We Present. 4.25: The Pictorial of the Air. 4.40: Quiet Time.

4.50: Tiny Tots' Session. 5.0: Children's Session. 6.0: Dinner Music.

6.15: The Grocer and Madam. 6.30: Dinner Music, continued. 6.45: Dad and Dave.

7.0: Turf Preview—A Racing Talk by Tom Ellis. 7.15: Music. 7.30: Weather. 7.25: Produce. 7.28: Forthcoming Stock Sales. 7.30: Music.

7.50: Leave It to Leslie. 8.0: The House of Peter McGregor.

2BL 8.0

FROM LIVERPOOL MEN'S HOME

COMMUNITY SINGING CONCERT

Assisting Artists:

BERT LE BLANC Comedian

And

THE MUSICAL MACS, "The Longshore Man."

2BL 9.25

FROM THE CONSERVATORIUM OF MUSIC, SYDNEY

RECITAL BY

EDMUND KURTZ, Cello

Accompanist: MARSHALL SUMNER

★ 8.15: PAGEANT OF GREAT ARTISTS.

8.30: The In-laws. 8.45: Music. 8.50: Cavalcade of Kings. 9.5: Music.

★ 9.15: "CHARLIE CHAN."

9.30: Music. 9.45: Racing Talk by George Francis. 9.50: Music.

★ 10.0: 2GZ DIGGERS' SESSION.

10.15: Music. 10.30: Close.

★ 2HD NEWCASTLE,
1140kc. 263m.

Day Sessions as Friday, except: 11.25: Joyster Notes. 12.0: The Wireless Wags.

12.30: Eb and Zeb. 2.0: Listeners' Favorites.

3.0: Ladies' Afternoon, relayed from Joyster Clubrooms. 3.30: Afternoon Musicale. 4.30: Modern Music.

5.15: Children's Session. 5.25: Teeny Weenies' Tattle. 5.30: Puzzle Corner.

5.35: Joy Club Sunshine Ship. 5.40: Jack and Snowy. 5.45: Dinner Music. 6.15: Way to Life.

7.20: Mrs. Arris and Mrs. 'Iggs. 7.30: The 2HD Thespians.

★ 8.0: A PAGEANT OF GREAT ARTISTS.

8.30: Synchronic Memories. 9.0: Kosinski and Ciancy. 9.15: Home on the Range. 10.0: News. 10.30: Close.

★ 2DU CENTRAL WESTERN
660kc. 455m.

Morning Session as Monday. 5.30: Children's Cabaret. 6.0: Dinner Music. 7.0: Popular Vocal from the Talks. 7.30: Scouting Notes. 7.35: Organ Melodies. 7.50: News.

8.0: Gardening Session. 8.15: Hawaiian Echoes. 8.30: Music Lovers' Half-hour. 9.0: Mirth and Melody. 9.30: Meditation Music. 10.0: Close.

★ 2WL WOLLONGONG,
1430kc. 210m.

Day Sessions as Friday, except: 11.0: Uncle Ted Tells a Story. 6.30: Overture. 6.40: Recordings. 7.0: A Spot of Humor. 7.8: Music.

7.30: Edmund Breeze in Memories. 7.45: Recordings. 7.55: A Cavalcade of Kings—An Ellis Price Production. 8.10: Recorded Programme.

8.30: Five Minutes Fun with the Mirthquakers. 8.35: Music. 8.45: Lex Morton and the Two Leslies Entertain.

9.0: The Pacific Guitar Club. 9.15: Music. 9.30: George Francis gives a Racing Talk. 9.35: New Releases. 9.50: Snappy Syncopation. 10.0: Close.

★ 2NZ INVERELL,
1170kc. 256m.

Day Sessions as Friday, except: 3.30: Opening with Varied Music until 4.0 p.m., then Afternoon Tea and a Story. "Freddo, the Frog" (Serial) at 5.0 p.m. and "The Moon Men of Australia" (Serial) at 5.45. The 2NZ Dramatic Players in a thrilling serial, "The Black Spider," at

6.30. A Racing Session at 6.45, and Music until 2NZ News Review at 7.30.

7.50: Leave It to Leslie. 8.0: More Minutes. An Hour Devoted to the People of Moree, their choice in music, some dance tunes and a concert celebrity.

9.0: A Talk on Rotary by a Member of the Club. 9.5: Piano Classics. 9.15: Opera at Home.

9.30: At the Console of the Grand Organ. 9.45: Meditation Moments. 10.0: Close.

★ 2KO NEWCASTLE,
1410kc. 213m.

Day Sessions as Friday, except: 2.0: Radio Pictorial of the Air. 3.0: Lights! Camera! Action!

3.30: Bridge Talk—Mrs. Carter. 5.45: Birthday Calls. 6.0: Dinner Music.

6.30: The In-laws. 6.45: Happy Dan. 7.0: Dad and Dave. 7.15: Music.

7.30: One Man's Family. 8.0: Musical Moments. 8.15: Watanabe and William.

8.30: A Spot of Humor. 8.38: Merry Motoring. 8.45: Charlie Chan. 9.0: Request Session—Tom King at the Piano. 9.15: Mo.

★ 9.20: DESCRIPTION OF THE WRESTLING FROM THE NEWCASTLE STADIUM.

10.15: Supertime Presentation. 10.30: Close.

★ 2MO GUNNEDAH,
1360kc. 219m.

Day Sessions as Friday, except: 5.30: Children's Session. 6.0: Dinner Music, conducted by James Crago. 6.30: Entertainment News.

★ 6.45: 2MO CIVIC THEATRE CLUB SESSION.

7.0: Spot of Comedy. 7.15: Race Broadcaster. 7.30: Stock Sales. 7.35: Music.

★ 8.0: HOTEL REVIEW.

8.15: Music. 9.0: The Happy Hour. 9.30: Weather Report.

★ 9.35: LISTENING IN ON HOLLYWOOD.

10.0: Close.

★ 2CA CANBERRA,
1050kc. 286m.

Day Sessions as Friday, except: 5.30: Children's Session. 5.45: Adventures of Angelina. Ben and Tom. 6.0: Children's Story. 6.20: Children's Birthday Chorus.

6.30: What's on in Canberra. 6.35: Dinner Music. 6.40: Magic Carpet. 7.0: Vocal Half Hour. 7.30: King's Men.

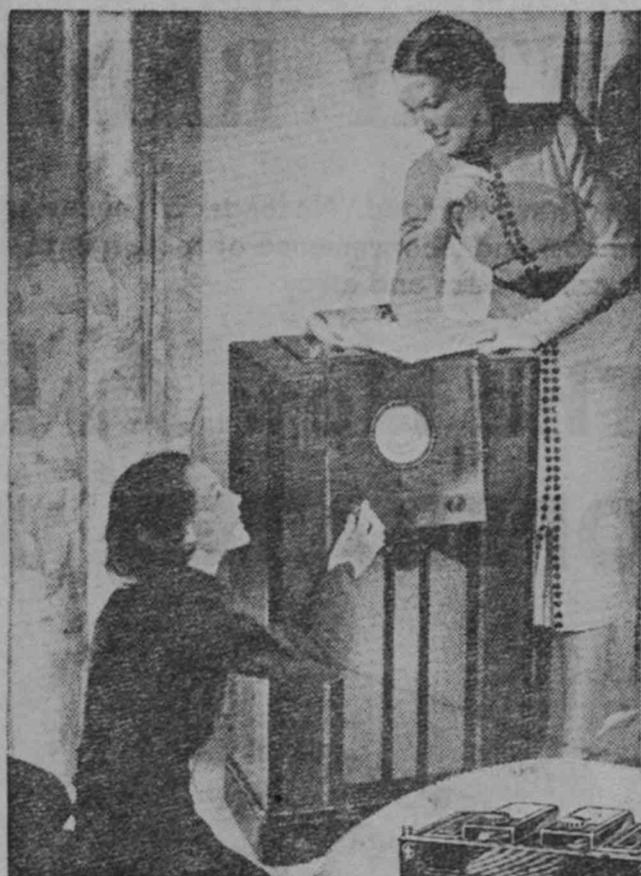
7.45: Famous Dance Bands. 8.0: Famous Orchestras. 8.15: Rhythm Boys' Session. 8.45: Echoes from Opera. 9.0: Famous Overture.

9.15: Instrumental Quarter Hour. 9.30: Favorites, Old and New. 9.45: Relaxation Music. 10.0: Station Announcements and Close.

★ 2GN GOULBURN,
1390kc. 216m.

Day Sessions as Monday. 5.30: Entertainment for the Tiny Tots. 6.0: Dinner Music. 7.0: Selections from Talks and Ritz

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TUESDAY - - - - - Continued

Screen News. 7.15: Popular Selections.
7.30: Radio Play — One Man's Family. 8.0: Listeners' Choice Programme.
8.30: Cozy Corner Session. 8.45: Radio Play—Charlie Chan.
9.0: Miss O'Neill playing Requests at the Piano. 9.15: Selected Music. 10.0: Dance Music. 10.10: Meditation Music. 10.30: Close.

2TM TAMWORTH, 1300kc. 231m.

Day Sessions as Friday, except:
10.45: Mothercraft Session—Mrs. Johnston.
5.0: Children's Session.
6.0: Dinner Music. 6.30: Popular Music. 7.0: Best Bets. 7.15: Harmonics.
7.30: One Man's Family.
8.0: Leave It to Leslie.
8.10: Fred and Magie Everybody. 8.30: Feature Programme. 8.45: Music.
9.0: The Green Joker.
9.15: The Cavalcade of Kings. 9.45: Songs of Home (Scotland). 10.0: Listener-arranged Programme. 11.0: Close.

2KA KATOOMBA, 1160kc. 259m.

Morning as usual, except:
8.15: Sally and Sam.
6.0: Merry Mountaineers' Session. 6.30: Dinner Music. 6.45: Frank and Archie. 7.0: Swing Time.
7.15: Music That Charms. 7.30: A Piano Pot-pourri. 7.45: A Few Laughs.
8.0: Overture. 9.10: Celebrities on Parade. 8.30: Barnabas von Geazy and his Orchestra. 8.45: The Count of Monte Cristo. 9.0: Radio Review.
9.30: 2KA RADIO DANCE NIGHT — WITH MAGGIE FOSTER AND HER PERSONALITY GIRLS.
10.0: News. 10.5: More Dance Music. 10.30: Close.

2AD ARMIDALE, 1080kc. 278m.

Day Sessions as Friday, except:
No Devotional Session.
6.0: Dinner Music and Birthday Calls. 7.0: Pipe Band Selections.
7.30: Dance Music.
8.0: The 2AD Amateur Half-hour. 8.45: Charlie Chan. 9.30: News, Market, and Weather Reports.
9.45: Music Lovers' Session.
10.10: Slumber Music. 10.27: Tranquillity Tales, told by John Creighton. 10.30: Close.

2GF GRAFTON, 1210kc. 248m.

7.30 to 8.30: Merry Morning Session. 12.0 noon: Weather. 12.30: Music. 1.0: Shipboard Interviews. 1.15: Musical Box. 1.45: Music. 2.0: Close.
5.30: John and Margaret will entertain the children. 6.0: Dinner Music. 6.30: Musical Programme. 6.45: Prairie Melodies. 7.0: Talk. 7.30: Music. 7.40: News. 7.45: Charlie Chan.
8.0: Torch Bearers of History. 8.30: Music. 9.0: The Cub Reporter. 9.30: News. 10.30: Close.

2LM LISMORE, 900kc. 333m.

Day Sessions as Friday, except:
5.30: Let's All be Children, conducted by Aunt Mollie.
6.0: Dinner Music. 6.30: Recorded Rhythm.
6.35: The Reason Why. 6.40: Market Reports. 6.45: Radio Rhythm.
7.0: The Album of Life. 7.15: Sporting Session.
8.0: Musical Jewel Box. 8.15: The Radio Theatre. 8.45: Richard Crooks.
9.45: Let's Go Dancing. 10.0: News. 10.30: Close.

2RG GRIFFITH, 1470kc. 204m.

6.0: Children's Session. 6.30: Music Lovers' Potpourri. 7.0: Songs at the Piano, by Cyril James. 7.30: Market Reports. 7.45: Local News. 9.30: One Hour Dance Programme. 10.30: Good-night Song.

2AY ALBURY, 1480kc. 203m.

12.0: Open. 12.30: News. 1.15: The Music Box. 2.0: Close.
5.30: Junior Announcers' Session. 6.0: Dinner Music. 7.30: Sporting Session, conducted by Mr. Bunton.
8.0: Charlie Chan. 8.30: Around the Bandstand. 9.0: The Iron Horse. 9.15: The Countryman's News. 9.30: Australasian Session of Melody. 9.45: Dance Programme. 10.30: Close.

2QN DENILIQUIN, 1440kc. 208m.

7.30: Brighter Morning Music. 8.0: News, Weather, etc. 9.0: Close.
12.0: Luncheon Music. 12.30: News, Weather, etc. 2.0: Close.
6.0: Children's Session. 7.0: 2QN's Sporting Commentator. 7.25: News. 7.45: Goodwill Session—Moving Stories of Life. 8.0: Bourke Street Session. 8.30: Bendigo Traders' Session. 9.0: Sponsored Session. 9.30: News. 9.45: Elizabeth Street Session. 10.0: 2QN's Session of Brighter Numbers. 10.30: Close.

2BH BROKEN HILL, 1060kc. 283m.

7.0: Early Morning Melodies. 7.15: News. 9.0: Close.
12.0: Midday Melodies. 1.0: Happiness Session. 2.0: Close.
5.0: Children's Session. 5.30: Variety. 6.0: Dinner Music. 6.30: News and Stocks. 6.45: C.W.A. Talk. 7.0: Stars at Home. 7.15: Musical Medley. 8.0: Songs We Love—Are Your Favorites Here? 8.15: Gems of Melody.
8.45: Musical Hits of Yesteryear. 9.0: News. 9.15: The Jules Ruben Trio. 9.30: Magazine of the Air. 9.40: Dance Time. 10.30: Close.

2BS BATHURST, 1500kc. 200m.

Day sessions as Friday.
5.0: Children's Session. 6.0: Jokes and Serial. 6.30: Overture. 6.40: Dinner Music.
7.15: Recorded Interlude. 7.30: Special Feature Programme. 8.30: Moon Over Africa. 9.0: Musical Hotch-Potch. 10.0: Close.

3LO MELBOURNE, 770kc. 290m.

Day Sessions as Friday, except:
9.35: The Radio Serial, "The Barakee Mystery," by Arthur W. Upfield, read by "Scribe."
10.10: Current Happenings in Sport, by A.B.C. Commentator.
10.30: This Hair-raising Problem—Miss Rose Morgan.
League of Nations Union Radio Club, under the auspices of the Bureau of Social and International Affairs, conducted by Miss Constance Duncan.
12.0: Broadcast to Schools—Glimpses of English Literature—Make Your Own Pageant—Mr. J. R. Lyall.
12.45: At Home and Abroad, by The Watchman.
3.0: Broadcast to Schools—Music Appreciation—Mrs. S. R. Kelson.
3.30: Judithanne and Her Uncle John, Foods and Fads, by Coralie Clark Rees.
5.0: Correspondence School—Mr. M. B. Hambrook.
5.20: Tiny Tots' Session.
5.30: Young People's Session. (S.) A Radio Serial—The People of the Black Peacock. (M.) News Tuesday, with the Pressman, Berenice and Bob. Good-night.
6.0: Dinner Music.
7.40: Moods (See 2FC).
8.0: (A.) Five Face the Music (See 2FC).
8.35: Bronislaw Huberman (See 2FC).
9.20: The A.B.C. (Melbourne) Concert Orchestra (See 2FC).
10.40: The National Dance Orchestra (See 2FC).
11.20: A Summary of the Day's News. 11.30: Close.

ON THE SHORT WAVES

5.40 a.m. (GSE 31.5, GSD 25.5, GSI 19.6, GSG 16.8): ACT 2 OF MOZART'S OPERA, "DON GIOVANNI," from Salzburg. 7.0: Close.

6.0 a.m. (JZK 19.79, JZJ 25.42, OLR4A 25.34, TPA3 25.23, GSW 27.17): Musical Programmes with News in English from JZJ and JZK at 6.0 and 8.15, TPA3 at 6.10, and OLR4A at 7.0 a.m.

7.15 a.m. (GSO 19.76, GSG 16.86, GSP 19.8, GSB 31.5): News. 7.35: Scenes from "THE TAMING OF THE SHREW" (SHAKESPEARE). 8.10: Dance Music. 8.30: Records. 9.0: Close.

7.50 a.m. (DJN 31.4, DJB 19.7, DJQ 19.6, DJR 19.56): German Folk Songs. 8.0: Music. 8.45: News in German. 9.0: Music. 9.20 a.m. (GSO 19.76, GSP 19.8, GSD 25.5, GSF 19.8): "Holiday Cruises," No. 2—The West Indies, Musical and Descriptive Tour. 10.0: Talks by Dominion Travellers. 10.15: Recital by B. Marchesi (Soprano). 10.35: "Swift Serenade," Tommy Matthews and His Concert Orchestra. 11.10: News. 11.30: Close.

11.15 a.m. (DJB 19.7, DJN 31.4, DJQ 19.6, DJE 16.8): News in English from Berlin. 11.30: Music. 1.30: News in English. 1.50: Close.

Noon (GSI 19.5, GSD 25.5, GSG 16.8, GSB 31.5): "The Angler's Arms," A Feature Programme. 12.15: The Arthur Dulay Quintet. La Hussarde, Moon Melody, Footlight Frolics, Straussiana. Music on the Air. Pandango. 12.45: Scenes from "The Taming of the Shrew" (Shakespeare). 1.20: Recital by Mary Munn (Canadian Pianist). 1.40: News. 2.0: Close.

12.45 p.m. (SLR 31.34): "At Home and Abroad," by "The Watchman." 1.0: Victorian News. 1.5: Interstate Weather. 1.15: Music. 3.0: School Broadcast. "Music Appreciation for Junior Classes." 3.20: Classic Music. 5.0: Close.

12.30 p.m. (TPA4 25.6): Records. News in French. 1.30: News in English. 1.45: Recorded Music. 2.45: News in German. 3.0: Close.

3.0 p.m. (GSR 31.5, GSD 25.5, GSO 19.76, GSG 16.8): Big Ben. The B.B.C. Theatre Organ. 3.25: "Empire Exchange," Talks by Dominion Travellers. 3.40: "Summer Over the British Isles," No. 3, Devon and Cornwall. 4.25: News. 4.45: Instrumental Variety. 5.15: Close.

3.10 p.m. (DJN 31.4, DJA 31.3, DJB 19.7, DJE 16.8, DJL 19.8): Light Music. 4.0: News in German. 4.15: More Light Music. 4.50: Greetings to Listeners in New Zealand. 5.0: News in English. 5.15: Sound Pictures.

5.30 p.m. (DJB 19.74, DJE 16.89): Concert of Light Music. 6.15: A Solo Concert. 6.45: From Festival of German Song League, Breslau. Special Concert. 7.30: German News. 7.45: The German Radio Exhibitions. 8.0: Songs by Hugo Wolf. 8.15: Close.

6.30 p.m. (SLR 31.34): Finance and Commerce. 6.45: Sporting News. 7.0: Special French Session. 7.20: National News. 7.30: News for Queensland and N. Australia. 8.5: A Celebrity Concert. Conducted by G. Schneevogt. 9.15: Play from Sydney Studios. 10.0: Melbourne Programme. 10.30: News. 10.50: Dance Music. 11.30: Close.

7.30 p.m. (PCJ 19.71): Special English Session for Australia and New Zealand. 9.0: Close.

8.45 p.m. (GSG 16.8, GSO 19.76, GSI 19.6, GSH 13.97): "Cupid and the Diplomat," A Comedy. 9.30: Toni and the North Pier Orchestra. From Blackpool. 10.10: Commentary on County Cricket. 10.30: The Round Table Singers. 10.50: Holiday Cruises, No. 2—The West Indies. 11.30: News. 11.55: Close.

9.0 p.m. (TPA2 19.6): News in English from Paris. 9.15: Talk in French. 9.30: Music.

9.0 p.m. (DJE 16.89, DJB 19.74, DJQ 19.6): Concert of Light Music. 10.0: News in English. 10.15: Light Music. 11.0: News in German. 11.15: "Radio Builds Bridges," Home and Abroad Broadcast. Midnight: News from DJQ.

FOR OTHER SCHEDULES SEE FRIDAY

3AR MELBOURNE, 630kc. 470m.

Day Sessions as Friday, except:
12.0: From the King's Theatre—Community Singing, conducted by Paul Daly. Pianist: Mabel Nelson.
3.3: B.B.C. Recorded Programme—"The Table Under the Trees," by Wilfred Rooke-Ley. Produced by Bryan Michie.
5.30: Early Evening Music.
6.0: The Official Weekly Report of the Stock Exchange of Melbourne.
6.15: Countryman's Session.
6.45: Sporting Session, conducted by A.B.C. Commentator.
7.0: (S.) National Talk: "Education in An English Prison"—Mr. E. Salter Davies.
7.30: National News Bulletin. 7.30: Victorian News Bulletin. 7.35: Links with the Past.
7.40: Pat Hanna presents "A Spot of History"—Episode 1.
8.0: Sounders Male Quartet.
8.15: Orchestral Interlude.
8.30: "Sea Spray and Smoke Drift"—Songs of the Sea, Compiled by Reginald Stoneham. Featuring Colin Crane and the Master Four Quartet.
Production: Colin Crane.
9.0: Eastern Nights, by "The Wandering Scot."
9.20: "Ireland in Song and Story," by Aileen Brooksbank, Irish Lullaby (Alicia Needham),

Barney O'Hay (Samuel Lover), Anthone (Trotter).

9.40: Some Famous Chords.

10.15: News. 10.30: Close.

2CO COROWA, 670kc. 448m.

6.30: See 2BL. 6.50: See 3AR. 9.30: See 3LO. 11.30: Close.
12.0: See 3LO. 12.35: News. 12.45: See 3LO. 1.15: See 3AR. 1.55: See 3LO. 2.0: Close.
3.0: See 3LO. 4.0: Close.
5.0: See 3LO. 6.0: Local Session, including Market Reports from Albury. 8.15: See 3AR. 7.35: Local News Service. 7.40: See 3LO. 11.30: Close.

4QG BRISBANE, 800kc. 375m.

Day Sessions as Friday, except:
10.30: The Daily Broadcast Service, Conducted for the Baptist Church, by the Rev. S. M. Potter.
11.45: The London Letter.
1.10: From City Hall, Brisbane—Community Concert, with May Jordan (Soprano), Carl Jay (Violin). Supported by Billie Smith and his Trocadero Dance Band.
3.0: Broadcast to Schools, by Dr. D. A. Herbert, Lecturer in Biology, University of Queensland. What the Map Does Not Tell—1.
3.45: Judith Anne and her Uncle John.
5.15: Children's Session for the Tiny Tots.

TUESDAY - - - - - *Continued*

5.30: (S.) Children's Serial Play—The People of the Black Peacock.
 5.40: Uncle Max Entertains.
 6.0: Dinner Music.
 6.25: Movements of Air-mail Planes. Stock Exchange Report.
 6.37: Countryman's Service Session.
 6.45: Racing Anticipations. 7.0: Talk.
 7.20: (S.) National News Bulletin. 7.30: News.
 7.40: The Bridges Instrumental Trio.
 8.0: From City Hall, Brisbane—The Official Opening of the New Education Fellowship Conference. The Speakers will include Hon. P. A. Cooper, Minister for Public Instruction. His Excellency the Lieutenant Governor, Sir James Blair. Dr. Cyril Norwood—Address on "The Empire and World Politics."
 9.15: The A.B.C. (Brisbane) Concert Orchestra, conducted by W. Nelson Burton, with Tom Ryan (Basso).
 Orchestra: Merrie England—Selection (German). Basso: The Mighty Deep (Jude). Orchestra:

Unrequited Love (Lincke). Basso: In Cellar Cool (Trad.). Orchestra: Wine, Women and Song (Strauss). Basso: Give a Man a Horse he Can Ride (O'Hara).
 Orchestra: Student Prince—Selection (Romberg).
 10.5: News Flashes from Danceland—No. 2 (r.).
 10.40: (M.) Dance Music, by The National Dance Orchestra. Conducted by Al Hammett.
 11.20: Weather. News. 11.30: Close.

5CL ADELAIDE, 730kc. 411m.

Main Features:
 12.0: Educational Broadcast by Mr. L. S. Mugford—Homes and Habits: Where Our Homes Are and Why.
 2.30: From Adelaide Town Hall—Young People's Concert, presented by the Adelaide Symphony Orchestra, conducted by Professor Bernard Heinze, F.R.C.M.
 4.0: From Studios—The A.B.C. Bridge Club, conducted by No Trump.
 5.30: Tiny Tots' Corner—Hello, Everyone.

5.40: Young People's Session—And So It Began—No. 7 of the Series: The First Real Flight—The Montgolfier Brothers and Their First Balloon. Characters: Stephen Montgolfier, Joseph Montgolfier, Town Crier. Good-night.
 6.0: Dinner Music.
 6.30: National Talk by Mr. E. Salter Davies—Education in an English Prison.
 7.30: Five Face the Music—A Play by Denzil Batchelor (see 2FC).
 8.0: Interlude (r.).
 8.5: Bronislaw Buberma, Celebrated Polish Violinist (see 2FC).
 9.5: Brass Band Concert by the Hindmarsh Municipal Band, conducted by Alec Radcliffe.
 9.35: The Promise of Youth—A Short Violin Recital by Marie Sleigh.
 9.45: Judith Ann and Her Uncle John this week will discuss: Those Charming Manners.
 10.0: News, Weather Bulletin, and Aviation.
 10.10: Dance Music by the National Dance Orchestra, conducted by Al Hammett.
 10.50: Interlude (r.). 11.0: Time Signal. 11.1: Meditation Music.
 11.20: A Summary of the Day's News. 11.30: Close.

7HO HOBART, 860kc. 349m.

8.0: To-day's Anniversaries. 8.2: News. 8.7: Musical Programme. 9.0: Close.
 11.0 to 5.30: As on Monday.
 5.45: Strand Theatre Session — David and Dawn. 6.0: Birthdays, Letters, etc. 6.15: Dinner Music. 6.30: Jul Jones's Racing Talk. 6.57: Strand Reporter.
 7.0: New Recordings. 8.0: Pageant of Great Artists. 9.0: Sponsored Session. 9.15: Recordings. 10.0: News. 10.5: The In-Laws. 10.20: Orchestra and Vocal Session. 11.0: Close.

7HT HOBART, 1080kc. 278m.

Day sessions as usual.
 6.30: Sunshiners' Club Session with Taffy, Bumble, Tess, and "The Swiss Family Robinson." 6.0: Uninterrupted Dinner Music. 6.30: Sporting Session by Billy Barwick.
 6.45: His Majesty's Troubadour. 7.0: Dad and Dave. 7.15: Variety Music.
 8.15: Strange as It Seems. 8.45: Musical Harmony. 10.0: News. 10.5: Old-time Dancing to Music from the Belvedere. 11.0: Close.

TURNTABLE TOPICS

(Continued from Page 7)

tion is that of Wagner, who defined it as "the Apotheosis of the Dance."

The principal subject of the first movement proper consists of a dance rhythm given out by the flutes, and afterwards restated fortissimo by the full orchestra, the rhythm being strongly accented by the trumpets, drums, and lower strings.

With rigid economy of material the composer achieves in the second movement the most amazing contrasts. The whole movement is quite as strongly and typically rhythmical as the first. It begins with the chord of A minor sustained by the wind for two bars, after which the strings give out the first subject, full of poignant elegiac feeling. Throughout the movement a characteristic fateful rhythm is maintained persistently in the basses.

In the third movement it is interesting to note that the trio starts with a melody said to have been a pilgrim's hymn in familiar use in lower Austria.

The finale is characteristic of Beethoven's vein of exuberant and capricious gaiety, and here the "dance symphony" reaches its apotheosis. The fundamental source of all music—rhythm—holds complete sway, and it is almost impossible to keep still while listening to this movement.

DB 4435-37. CONCERTO IN B FLAT MAJOR FOR PIANOFORTE AND ORCHESTRA (MOZART). ELLY NEY (PIANOFORTE) WITH ORCHESTRA CONDUCTED BY DR. W. VAN HOOGSTRAATEN (H.M.V.).

The modern pianoforte is a match for the orchestra in power whenever the texture of the music provides an excuse for sonority. The texture of Mozart is so slender that no responsible interpreter of the piano. The pianist has apparently realised this, and she gives a thoroughly satisfying musicianly performance of this beautiful concerto.

Some excellent light recordings have been received, but unfortunately space does not permit of their mention. An ensemble calling itself "The Quintet of the Hot Club of France" is original

enough to warrant a paragraph to itself. Their recordings, together with other light recordings, will be reviewed in the next issue of "Turntable Topics."

2FC'S CONNECTICUT YANKEE

(Continued from Page 6)

father's enthusiasm for geography and studies it on two large hemispheres Mr. Curtis has painted on the woodwork at one end of the front verandah. Mrs. Curtis has been on the air here several

times; and has been in two radio discussions: One with Mr. Denzil Batchelor, "What is a Gentleman," and the other with Mrs. Street, "Help-less Housewives," the partial result of which is that Mrs. Curtis is on the committee of the Gordon Girls' Club which provides a clubroom for girls, many of whom come from the country, and would otherwise have nowhere to entertain, or to go, and no friends.

Mrs. Curtis says the resourcefulness of the Australian countrywomen amazes her, and she loves their cakes; the slower rate of Australian life appeals to her, and she is surprised how many Australian business men are pianists, painters, and writers in their spare time.

Henry Gregory and John Wheeler led the "debutantes" fun at the Microphone Club Ball.



The Announcers' Chorus (below): Ken Layton, Ken Howard, Ronnie Morse and others.



UNWILLINGLY TO SCHOOL — NO MORE!



Mr. W. Clemens, B.A., for several years Inspector of Schools for the Department of Education, who is in charge of the School Broadcasts.

2SM's SCHOOL BROADCASTS

ARE BRIGHT AND INTERESTING, AS WELL AS INSTRUCTIVE

Lessons made easy is the motto of the enterprising Radio Education Scheme now in operation from 2SM. The sessions are broadcast Monday, Wednesday and Friday every week, for the time being, from 2SM, and on the other two days programmes from the national stations are taken. Every Catholic School in Sydney has been equipped with radio sets, and the lessons given are part of and incorporated in the Catholic School Curriculum. The subject matter covers history, geography, English, music, languages, apologetics, etc., and each is given by a leading Catholic Educationist, who will make them bright and interesting as well as instructive. These lessons, which are on the air from 10 to 11 a.m. each day, are a tremendous step forward in educational practice for New South Wales, and give Dad and Mum a chance to answer those difficult queries that their bright offspring seem to delight in asking. In fact, a really enterprising parent might have some questions ready and preserve his prestige by asking them first!

MONDAY,

WEDNESDAY,

FRIDAY

at

10 a.m.

from

2SM

W E D N E S D A Y [AUGUST 4]

2FC 7.40

THE STRANGE ADVENTURES OF MR. PENNY

By MAURICE MOISEWITSCH

Episode 2: MR. PENNY TAKES A WALK

In this, the second adventure of Mr. Penny, our likeable little London suburb dweller, dons his goloshes, grasps his umbrella, and decides to walk part of the way home, and he meets with almost incredible adventures.

CHARACTERS:

MRS. PENNY. ORIENTAL
MR. PENNY. EMIR.
JONES. SLAVE.
GROCCER. FATIMA.

Production: LAWRENCE H. CECIL.

2FC 8.0

THE PASSING OF THE REGIMENTS

No. 3: Presented by

THE NATIONAL MILITARY BAND

Conducted by STEPHEN YORKE

No. 4: INTRODUCING THE REGIMENTAL MARCHES OF:

1. The East Surrey Regiment.
2. The Duke of Cornwall's Light Infantry.
3. The Duke of Wellington's Regiment (West Riding).
4. The Border Regiment.
5. The Royal Sussex Regiment.
6. The Hampshire Regiment.
7. The South Staffordshire Regiment.
8. The Dorsetshire Regiment.
9. The Prince of Wales Volunteers (South Lancashire Regiment).
10. The Welch Regiment.

2FC 8.30

TOPICAL REVUE

Clippings from the Week's News in Songs, Sketches and Story

Written by COLIN WILLS. Produced by RUSSELL SCOTT

2FC 9.0

BACHELOR TRAVELS

2FC SYDNEY, 610kc. 492m.

Day Sessions as Friday, except:
9.45: Racing Talk by the A.B.C. Racing Commentator.

10.45: MEMSAHIB will give UNUSUAL IDEAS OF BEAUTY CULTURE.

12.0: BROADCAST TO SCHOOLS—PRIMARY.

THE WORLD WE LIVE IN. Series arranged by J. A. MacCallum, B.A., Sydney Boys' High School.

12.15: GEOGRAPHY. Miss C. Forsyth, Public School, North Manly, will give a Talk entitled Seeing England.

3.0: FROM BLACKFRIARS CORRESPONDENCE SCHOOL—

Talks to Correspondence School Pupils, arranged by the Headmaster, Mr. W. Finigan: Dedication Day and the Cenotaph.

Infants: The Final Letter Locks the Word.

"Banjo" Patterson, our Australian Poet. Humorous Extracts from his Poems.

3.30: KHYBER. Written by EDMUND BARCLAY. EPISODE THE LAST: THE REBELLION.

The infuriated hordes of Hillmen fling themselves in thousands against the rock-like ranks of the Khyber Mounted Rifles. The British Regiment is almost overwhelmed by sheer numbers when the Relief Column arrives, and

the Rebellion is stamped out for ever. And then comes the completion of Captain Garvie's Romance.

Production: LAWRENCE H. CECIL.

5.0: Musical Items (r.).

5.20: Tiny Tots' Session.

5.30: YOUNG PEOPLE'S SESSION. THE PEOPLE OF THE BLACK PEACOCK.

A Thrilling and Dramatic Story of the East, by MAJOR J. T. GORMAN.

Dramatised for Radio by ELLIS PRICE.

5.40: A Story.

Uncle Ted and Sandy.

6.0: Dinner Music (r.).

7.40: THE STRANGE ADVENTURES

OF MR. PENNY. (See Panel)

8.0: THE PASSING OF THE

REGIMENTS. (See Panel)

8.30: TOPICAL REVUE. (See Panel)

9.0: BACHELOR TRAVELS.

(See Panel)

9.10: A FILM BROADCAST.

(See Panel)

10.40: Meditation Music (r.).

11.20: Late Weather and News.

11.30: Close.

2BL SYDNEY, 740kc. 405m.

Day Sessions as Friday, except:

12.7: A Pianoforte Recital (r.) by

VLADIMIR HOROWITZ.

1.0: "HARBOR LIGHTS"—A Mosaic

of Verse and Music, by John

Wheeler. No. 1: "I Have a

Friend."

3.0: GRAMOPHONE PIE (r.).

4.30: CHAT OVER THE TEACUPS

BY NOELLE BRENNAN.

5.30: EVENING STARS (r.). A Pro-

gramme of Musical Stars who

have enriched and illuminated

the World of Music.

6.5: Services and Riflemen's Ses-

sion.

6.15: Weather Report, Stock Ex-

change Report, General Markets.

6.45: SPORTING SESSION—Re-

sults and Comments.

7.0: NATIONAL TALK

A Talk by

MISS HELEN SIMPSON

7.20: NATIONAL NEWS BULLETIN.

7.30: Local News.

7.35: Music.

8.0: THE SYDNEY UNIVERSITY

MUSICAL SOCIETY (See Panel).

9.10: THE SYDNEY INSTRU-

MENTAL TRIO. (See Panel)

9.50: THE NATIONAL MILITARY

BAND. (See Panel)

10.20: Late News and Weather.

10.30: Close.

2NC NEWCASTLE,

1230kc. 244m.

6.30 to 9.30: Relayed from 2BL.

9.30 to 11.0: Relayed from 2FC.

11.0 to 11.5: FROM 2NC NEW-

CASTLE STUDIO—Chat Over

the Teacups, by Celia Starfield.

11.5 to 11.15: News Service by

courtesy of the "Newcastle Morn-

ing Herald."

11.15 to 11.30: Relayed from 2FC.

12.0 to 1.25: Relayed from 2FC.

1.25 to 2.0: FROM SHORTLAND

HALL, WINN'S, HUNTER

STREET, NEWCASTLE: An Ad-

dress at the Business Men's

Luncheon.

3.0 to 4.0: Relayed from 2FC.

5.0 to 11.30: Relayed from 2FC.

2NR NORTHERN RIVERS,

700kc. 429m.

6.30 to 9.30: Relayed from 2BL.

9.30 to 11.30: Relayed from 2FC.

12.0 to 1.25: Relayed from 2FC.

1.25 to 1.35: 2NR Studio—Local

News from the "Grafton Exam-

iner."

1.35 to 2.0: Relayed from 2FC.

3.0 to 4.0: Relayed from 2FC.

5.0 to 6.0: Relayed from 2FC.

6.0 to 7.35: Relayed from 2BL.

7.35 to 11.30: Relayed from 2FC.

2CR CENTRAL REGIONAL,

550kc. 545m.

6.30 to 9.30: Relayed from 2BL.

9.30 to 11.30: Relayed from 2FC.

12.0 to 1.25: Relayed from 2FC.

1.25 to 1.35: FROM 2CR STUDIO

—News service by courtesy of

the "Orange Leader."

1.35 to 2.0: Relayed from 2FC.

3.0 to 4.0: Relayed from 2FC.

5.0 to 6.0: Relayed from 2FC.

6.0 to 7.40: Relayed from 2BL.

7.40 to 11.30: Relayed from 2FC.

SYDNEY,

2UE 950kc. 316m.

Day Sessions as Friday, except:

6.40: Track Gallops direct from

Randwick at Intervals.

8.0: Randwick Track Highlights.

10.30: 2UE's Skin Specialist.

10.45: Films and Gossip — Mary

Marlowe.

11.15: Mothercraft Talk, by Sister

Jacob.

★ 12.0: DESCRIPTION OF THE

KENSINGTON RACES. RE-

LAYED TO 2WL (WOLLON-

GONG) AND INTERSPERSED

WITH MUSIC.

1.0: News Service.

5.0: A Musical Cocktail.

★ 5.20: COUSIN MARIE, EDI-

TRESS OF "SUNBEAMS."

5.30: A Musical Cocktail. 5.45:

Keith Collins at the Piano. 6.0:

Dinner Music.

6.20: Rhythm of To-day. 6.30:

Clem Williams (Baritone) and

Marek Weber and his Orchestra.

6.45: Jimmy Sampson's Ballroom

Orchestra. 7.0: The Iron Horse.

7.15: Orchestras of All Nations.

7.30: The Handal Family.

★ 7.45: GALA OPENING OF

THE SAVOY THEATRE,

HURSTVILLE.

8.0: A Spot of Humor. 8.10: Hit

of the Week. 8.15: The Vicar.

6.20: News Service. 8.25: Music.

8.30: Recorded Description of To-

day's Kensington Races.

★ 8.45: THE RIJOU PIANO

EISTEDDFOD.

★ 9.0: LEAVES FROM THE

OTHER WOMAN'S DIARY —

A B.S.A. PRODUCTION.

9.15: Film Rhythm. 9.30: Sports-

cast.

9.35: America in Music.

★ 9.50: GREAT RACES OF THE

PAST. PRESENTED BY

ERIC ASHTON.

10.0: Hawaiian Moods. 10.15: News

Service. 10.20: Out of the Band

Box.

10.30: Call To Youth Dance Pro-

gramme. 11.30: Close.

SYDNEY,

2CH 1190kc. 252m.

Day Sessions as Friday, except:

10.2: Morning Devotion—Mr. C. G.

Flood.

★ 12.0: COMMUNITY SINGING

conducted by BOB STRO-

THER, From Crow's Nest.

2FC 9.10

A FILM BROADCAST FROM THE BRITISH LION PRODUCTION "CALLING ALL STARS"

A Super-Variety Show

Introducing the following world-famed Celebrity Artists:

AMBROSE AND HIS ORCHESTRA, with MAX. BACON,

EVELYN DALL and SAM BROWNE.

LARRY ADLER, the Virtuoso of the Mouth Organ.

CARROLL GIBBONS, and the SAVOY HOTEL ORPHEANS.

BILLY HENNETT, Popular Comedian.

FLOTSAM and JETSAM.

TURNER LAYTON.

LEON CORTEZ and HIS COSTER BAND.

ARREN and BRODERICK.

THE NICHOLAS BROTHERS.

BUCK and BUBBLES, the Harlem Steppers.

THE TWELVE ARISTOCRATS.

EUGENE PINI and HIS TZIGANE ORCHESTRA.

THE WHIRLWIND SKATERS.

THE BEGA FOUR.

THE THREE CANADIAN BACHELORS,

and

DAVE BURNABY.

By arrangement with

GAUMONT BRITISH DOMINION FILM DISTRIBUTORS,

LIMITED.

Presentation arranged and devised by the
A.B.C. HOLLYWOOD REPORTER.

WEDNESDAY - - - - - Continued

1.15: From Town Hall—United Intercessory Service.
 4.15: The Friendly Tea Party, hosted by Margaret Herd.
 4.55: Children's Session, by the Fairy Godmother. 5.30: The Hello Man's Children's Session.
 6.0: Dad and the Girls. 6.15: Dinner Music.
 6.30: Carson Robison and his Buckaroos.

★ 6.45: KNIGHT BARNETT at the HURSTVILLE THEATRE ORGAN.
 6.59: Weather Report.
 7.0: The In-Laws. 7.15: Leader of the Band.
 7.30: The Harmony Parade.

★ 7.45: NORMAN MARTIN presents the MUSIC SHOP.
 8.0: Fred and Maggie Everybody, featuring Edward Howell and Therese Desmond. 8.12: Bourne-mouth Municipal Orchestra. 8.15: Stars of the Air. 8.27: Dajos Bela Orchestra—A Thousand Kisses (Hans May).

★ 8.30: CORONETS OF ENGLAND.
 9.0: Budapest in Harmony. 9.15: Special Programme. 9.30: Voice of the Voyager.
 10.0: Soccer Association News. 10.5: Jewels of Harmony.
 10.30: Rendezvous with Rhythm.
 10.50: Meditation and Music. 11.0: Close.

2GB SYDNEY, 870kc. 345m.

Day Sessions as Friday, except:
 ★ 12.0: COMMUNITY SINGING FROM THE SAVOY THEATRE.

4.15: Goodie Reeve — "Well, For Beauty's Sake."
 4.45: Auntie Goodie—Songs to the Tiny Tots.
 5.0: Children's Session, conducted by Uncle George. 5.30: Krazy Kollege. 5.35: Children's Session continued. 5.45: The Children's Newspaper.

6.0: Terry and Ted. 6.15: Twenty Thousand Leagues Under the Sea, by Jules Verne.
 6.30: Dinner Music. 6.45: My Dreams and Yours — A B.S.A. Production. 7.0: Drums—A Radio Drama. 7.15: Songs That Thrill You.
 7.30: Revolution in Mexico — A B.S.A. Production. 7.45: Music of the Stars. 8.15: Cafe Round the Corner—A B.S.A. Production.
 8.30: House of Dreams — Dream Melodies—A B.S.A. Production. "Three O'clock in the Morning."
 8.45: Special Session.

★ 9.0: LEAVES FROM THE OTHER WOMAN'S DIARY — DRAMA—"STORY OF DIANA MAYNARD."
 9.15: Newspaper Adventures. 9.30:

History of Song. 9.45: Charm of the Orient. 9.50: Music.
 ★ 10.0: 2GB NEWS REVIEW.

10.15: Organ Treasures. 10.30: Frivolities. 10.45: Music.
 11.0: Slumber Music. 11.25: 2GB Good-night Song. 11.30: Close.

2UW SYDNEY, 1110kc. 270m.

Day Sessions as Friday, except:
 9.25: Sporting Talk—Preview of Kensington.

★ 12.30: DESCRIPTIONS OF KENSINGTON RACES BY CYRIL ANGLES.
 5.5: Children's Session. 5.45: Nursery Rhymes. 5.55: The Talk of the Town.

6.0: George Edwards, David and Dawn under the Southern Cross.
 6.15: Dinner Music.
 6.50: Results and Electrical Reproductions. Kensington Races.
 7.0: Dad and Dave—A George Edwards Production. 7.20: Mrs. 'Arris and Mrs. 'Iggs.

★ 7.30: CAVALCADE OF KINGS — An Ellis Price Production.
 7.45: Good Clothes. 7.50: Orchestral Selections. 7.55: Highlights of Music. 8.0: Rogues' Gallery. 8.15: Spot of Humor.
 8.30: George Edwards and Nell Stirling in "Knights of the Round Table." No. 4. 8.45: Rhythm Reveries.

★ 9.0: PRIVATE LIVES OF THE STARS—ERIC SCOTT.
 9.30: Langworth Library Selections. 9.45: Listening in to Lisst.

★ 10.0: FOREIGN AFFAIRS—J. M. PRENTICE.
 10.10: Session for the Music Lover.
 10.30: Musical Miscellany. 11.0: Cabaret Hour.
 Midnight Sessions as Friday.

2SM SYDNEY, 1270kc. 236m.

Day Sessions as Friday, except:
 10.0: Catholic School Broadcasts.
 10.1: Secondary—Religion. 10.21: Secondary—English. 10.41: Primary—History. 11.0: Close down.
 2.30: The Pictorial of the Air—Reading.
 5.0: Uncle Tom and his Gang. 6.0: Angelus.
 6.1: Dinner Session—Dominic Harnett.
 6.45: Radio Golf School—Lou Kelly, Instructor. 7.0: Music.
 7.5: True Stories of Modern Heroes, presented by Reg. Hawthorne.

★ 7.15: MO, AUSTRALIA'S PRIME MINISTER OF MIRTH.
 7.20: Talk by 2SM's Skin Specialist. 7.35: Music.

2BL 8.0

FROM THE GREAT HALL, SYDNEY UNIVERSITY

Part I of the University Musical Society's

ANNUAL CONCERT

Hon. Conductor: G. FAUNCE ALLMAN

CHOIR—
 Part Song: Fairest Isle (Henry Purcell)
 Madrigal: The Silver Swan (Gibbons)
 Flora Gave Me Fairest Flowers (Wilbye)

RAYMOND BEATTY, Basso—
 I Will Not Grieve (Schumann)
 The Minstrel (Schubert)
 Impatience (Schubert)

CHOIR—
 Gipsy Songs—Opus 103 (Brahms)
 Gipsy, Take Thy Lute.
 Know Ye When My Lasso.
 Deep Upsurging, Rima Flood.
 Sweet It Is to Love.
 Sun-bronzed Lad to Tread a Measure.

PHYLLIS McDONALD, Violinist, and FRANK HUTCHENS, Pianist—
 Sonata in D Minor for Violin and Piano (Brahms)
 Allegro Adagio. Un poco presto a con sentimento. Presto agitato.

CHOIR—
 Gipsy Songs—Opus 103 (Brahms)
 Roses Blow All in a Row.
 Dost Thou Ever Think, Dear Love?
 Hark, the Wind Blows in the Branches.
 Let the Gorgio Stifle in Towns.
 Rosy Evening Cloudlets.

★ 7.45: SONG RECITAL BY WALTER KINGSLEY—CONCERT BARITONE.

8.0: Music in Many Moods. 8.15: The Joy of Living.

8.30: The Grocer and Madame. 9.0: Music for the Family.

9.30: The Harmony Twins. 9.45: Variety Programme.

10.0: Ten O'clock Musicale. 10.25: When you come to the end of the day—Paul Oliver. 10.30: Close.

2KY SYDNEY, 1020kc. 294m.

Day Sessions as Friday, except:
 9.15: Race Talk.
 11.35: Track Gallops—Ken Howard.

★ 12.30: BROADCAST OF RACES FROM KENSINGTON —KEN HOWARD. RESULTS OF MELBOURNE RACES—RELAYED TO 2GZ.

4.25: Melody Session—John Harper.
 5.15: All of the Alphabet—Children's Session and Competition.
 5.30: Dinner Divertissements.
 6.20: Debating by Ben Mason. 6.30: Dinner Entertainment—"Goodie" and Uncle Bert. 6.37: Spot of Humor. 6.45: Radio Snapshots.
 7.0: Miss Harmony Girl at the Piano.
 7.15: Labor News Commentary. 7.30: Music. 8.0: Overture. 8.5: Music.

★ 8.15: "THE CRIME SHEET"—RADIO PLAY WITH 2KY PLAYERS.

8.30: Musical Highlights. 8.45: Musical Comedy and Revue.

★ 9.0: BROADCAST OF RADIO TRIALS FROM ASSEMBLY HALL — PRESENTATION NIGHT.

10.30: Happy Hour—Gerry Hardman. 11.0: Your Favorite Artist. 11.15: Variety Music. 12.0: Close.

2GZ CENTRAL N.S.W., 990kc. 303m.

Day Sessions as Friday, except:
 6.50: Producers' Service Session—Wheat and other Cereals.
 11.5: The Kitchen of the Air. 11.15: Health and Beauty Talk by Miss Susan Bell. 11.20: Our Household Scrap Book. 11.35: Music.
 11.45: Talk by the Hospitals Commission.

★ 1.0: KENSINGTON RACE DESCRIPTIONS, with Music.

5.0: Children's Session. 6.0: Dinner Music.

6.15: The Grocer and Madam. 6.30: Dinner Music, continued. 6.40: The Magic Carpet. 6.45: Dad and Dave.

7.0: Sporting Resume. 7.15: Music. 7.20: Weather. 7.25: Produce.

7.30: Homebush and Forthcoming Stock Sales. 7.38: Pig, Calf, and Rabbit Skin Sales.

7.44: The Man on the Land Session. 8.0: Carson Robison.

★ 8.15: ROGUES' GALLERY.

8.30: A Girl, Two Boys, and a Piano. 8.45: Music. 9.15: Charlie Chan.

★ 9.30: THE HARMONY TWINS.

9.40: Music. 10.30: Close.

2HD NEWCASTLE, 1140kc. 263m.

Day Sessions as Friday, except:
 11.15: News from Theatres. 12.0: The Wireless Wags. 12.30: Ed and Zeb.

★ 1.0: BROADCAST DESCRIPTION OF KENSINGTON RACES.

5.0: Children's Session from Clubrooms and Spelling Bee.
 5.45: Uncle Rex and Horace. 6.0: Dinner Music.

6.15: Nuggles from the Golden Age. 6.20: Joysier Notes and News Flashes.
 6.45: Tooth and Claw.
 7.20: Mrs. 'Arris and Mrs. 'Iggs.
 7.30: Motoring Playlet.

★ 8.0: ROGUES' GALLERY—PORTRAITS OF FAMOUS ROGUES.

8.30: Mr. and Mrs. Everybody.
 8.30: Spot of Humor.

★ 8.40: STRATOSPHERE MURDER MYSTERY.

9.15: Favorite Composers.
 10.0: News. 10.30: Close.

2DU CENTRAL WESTERN 660kc. 455m.

Morning Session as Monday.
 11.0: Women's Session.
 5.30: Children's Concert. 6.0: Dinner Music. 7.0: Modern Melody. 7.30: On the Wing—Flying Notes. 7.35: With the Hill Billies. 7.50: Instrumental.
 8.0: Half an hour with Your Favorites. 8.30: A Spot of Humor. 8.45: Around the Bandstand. 9.0: Dance Programme. 10.0: Close.

2BL 9.10

THE SYDNEY INSTRUMENTAL TRIO

In Association with WILLIAM KRASNIK, Viola

Piano Quartet in C Minor, Op. 15 (Faure)
 Allegro Molto Moderato. Adagio.
 Scherzo. Allegro Molto.

2BL 9.50

THE NATIONAL MILITARY BAND

In Association with LAURENCE MacCAULAY, Basso

BAND—
 Military Overture (Mendelssohn)
 Salut d'Amour (Elgar)
 BASSO (With Band Accompaniment)—
 The Merry-Go-Round (Tate)
 Susan is Her Name Oh! (Sanderson)
 BAND—
 Three Dances from The Bavarian Highlands (Elgar)

WEDNESDAY - - - - - Continued

2WL WOLLONGONG,
1430kc. 210m.

Day Sessions as Friday, except:
12.30: Descriptions from Sydney Races by Harry Solomons, relayed from 2UE. 5.0: Close.
6.30: Uncle John Conducts the Kiddies' Corner. 7.0: A Spot of Humor. 7.8: Music.
7.15: Humorous Highlights.
7.30: Front Page Headlines. 7.45: Race Results. 7.50: Recorded Music. 8.0: Melodious Melodies. 8.15: Famous Sopranos.
8.30: Hi-Hilarities. 8.45: Music.
★ 9.0: **2WL OLD-TIME DANCE SESSION—M.C., UNCLE TED.**
10.0: Close.

2NZ INVERELL,
1170kc. 256m.

Day Sessions as Friday, except:
8.30: Keith Bartie at the Piano.
12.0 noon The Country Women's Association.
3.30: Opening With Bright Music. A Story at 4 p.m. and at 5 p.m. "Freddo the Frog" (Serial). At 5.45 "The Moon Men" (Serial); varied until 7.30, then the 2NZ News Review.
7.50: Leave It To Leslie.
8.0: A D.X. Programme. Calls. Maori Music. 8.10: A Spot of Comedy.
8.15: My Ladies' Favorites.
8.30: A Programme of New Dance Recordings. 9.15: Feature Recordings. 9.30: Jewels From Our Library. 9.45: Meditation Minutes. 10.0: Close.

2KO NEWCASTLE,
1410kc. 213m.

Day Sessions as Friday, except:
11.15: The Travel Letter.
11.45: Domestic Science Bureau.
2.0: Radio Pictorial of the Air.
3.0: Lights! Camera! Action!
5.45: Birthday Calls. 6.0: Dinner Music.
6.45: The Tottering Van Teeters.
7.0: Dad and Dave. 7.15: Music.
8.15: Watanabe and William.
8.30: A Spot of Humor.
8.45: Charlie Chan.

★ **10.0: ORGAN RECITAL FROM NEWCASTLE CATHEDRAL.**
10.30: Close.**2MO GUNNEDAH,**
1360kc. 219m.

Day Session as Friday.
5.30: Children's Music. 6.0: Dinner Music, conducted by James Crago. 6.30: Entertainment News.
★ 6.45: **2MO CIVIC THEATRE CLUB SESSION.**
7.0: Spot of Comedy. 7.10: Light Music. 7.30: Stock Sales.

★ **8.0: DONALD NOVIS IN THE ROMANCE OF MUSIC.**

8.15: Music. 9.0: The Ace of Diamonds (Serial).
9.30: Weather Report. 10.0: Close.

2CA CANBERRA,
1050kc. 286m.

Day Sessions as Friday, except:
5.30: Children's Session. 5.45: Adventures of Angelina, Ben, and Tom. 6.0: Children's Story. 6.20: Children's Birthday Cheerios. 6.30: What's on in Canberra. 6.35: Dinner Music. 7.0: Vocal Half Hour. 7.25: To-morrow's Weather. 7.30: Love Tales. 7.45: Popular Recordings.
8.0: Rugby League Football Talk. 8.15: Famous Dance Bands. 8.30: Heroes of Civilisation. 8.45: Favorites from Films. 9.0: Famous Orchestras.
9.15: Instrumental Quarter Hour. 9.30: Favorites, Old and New. 9.45: Relaxation Music. 10.0: Station Announcements and Close.

2GN GOULBURN,
1390kc. 216m.

Day Sessions as Monday.
5.30: Entertainment for Tiny Tots. 5.45: Serial Story for Children. 6.0: Dinner Music.
7.0: Selections from Talks and Rits Screen News. 7.15: Musical Selections. 7.20: Race Results. 7.30: Popular Releases.

7.45: Radio Play—The House of Peter MacGregor. 8.0: Festival of the Bands. 8.15: Musical Memories. 8.30: Selected Releases.

8.45: Radio Play—Charlie Chan. 9.0: 2GN Radio Players. 9.15: Popular Selections. 10.0: Dance Music. 10.15: Slumber Music. 10.30: Close.

2TM TAMWORTH,
1300kc. 231m.

Day Sessions as Friday, except:
4.0: Country Women's Association Programme.
4.15: Hollywood Tintypes. 5.0: Children's Hour. 6.0: Dinner Music. 7.0: Popular Music. 7.15: Harmonics. 8.0: Leave It To Leslie. 8.10: Fred and Maggie Everybody. 8.45: Music.
9.0: Musical Presentation. 9.30: Radio Rhythm. 9.45: Songs of Home (Ireland). 10.0: Listener-arranged Programme. 11.0: Close.

2KA KATOOMBA,
1160kc. 259m.

Morning as usual, except:
11.0: Ladies' Concert. 12.15: The Lithgow Clarion Entertains. 2.0: Close.
6.0: Merry Mountaineers' Studio Concert. 6.30: Dinner Music. 7.0: Comedy Capers. 7.15: Songs and Music. 7.30: Harry Roy and his Orchestra. 7.45: Gem of the Evening. 7.50: Overture.

★ **8.0: MELODIC BOUQUETS.**

8.15: Old-timers' Session. 8.45: The Count of Monte Cristo. 9.0: Diners' Session. 9.15: Old Time Dance Music. 9.45: Just Jazz. 10.0: News. 10.5: Some Jazz. 10.15: Slumber Music. 10.30: Close.

2AD ARMIDALE,
1080kc. 278m.

Day Sessions as Friday, except:
6.0: Dinner Music and Birthday Calls. 7.0: Band Selections. 7.30: Health Talk. 8.0: Water Under the Bridge. 8.45: Charlie Chan. 9.30: News, Market and Weather Reports. 9.45: Music Lovers' Session. 10.10: Slumber Music. 10.27: Tranquillity Tales. 10.30: Close.

2GF GRAFTON,
1210kc. 248m.

7.30 to 8.30: Merry Morning Session. 12.0 noon: Weather. 12.30: Music. 1.15: Musical Box. 1.30: Music. 1.40: News. 2.0: Close.
5.30: Wendy, Uncle Col and Margaret will entertain the children. 6.0: Dinner Music. 6.30: Musical Programme. 7.15: The House of Peter MacGregor. 7.40: News. 7.45: Charlie Chan. 8.0: Theatre of the Air.
8.30: South Grafton Session. 9.0: The Cub Reporter. 9.30: News. 10.30: Close.

2LM LISMORE,
900kc. 333m.

Day Sessions as Friday, except:
5.30: Let's all be Children, conducted by Aunt Mollie. 6.0: Dinner Music. 6.35: Junior Farmers' Session. 6.45: The Aristocracy of Rhythm. 7.0: The Whoppers Club. 7.15: Sporting Session.

★ **7.45: REQUEST PROGRAMME.**

8.0: Donald Novis. 8.15: Health Talk. 8.45: My Lady's Favorites. 9.30: New Releases. 9.45: Dance Time. 9.50: Birthday Calls. 10.0: News. 10.30: Close.

2RG GRIFFITH,
1470kc. 204m.

6.0: Children's Session. 6.30: Music Lovers' Potpourri. 7.0: Songs at the Piano, by Cyril James. 7.30: Snapshots of Comedy. 8.30: Local Sporting Results. Piano-forte Recital. 9.30: One Hour Dance Programme. 10.30: Good-night Song.

ON THE SHORT WAVES

5.15 a.m. (GSE 31.5, GSD 25.5, GSI 19.6, GSG 16.8): The B.B.C. Orchestra. Symphony, A Rustic Wedding, Wedding March, Nuptial Hymn, Serenade. In the Garden. Dance. 6.0: Variety from the New Theatre, Oxford. 6.30: Organ Recital. 6.45: Close.

6.0 a.m. (JZK 19.79, JZJ 25.42, OLR4A 25.34, TPA3 25.23, CSW 27.17): Musical Programmes, with News in English from JZK and JZJ at 6.0 and 8.15. TPA3 at 6.10, and OLR4A at 7.0 a.m.

7.0 a.m. (GSO 19.76, GSG 16.8, GSE 31.5, GSF 19.8): News. 7.20: "London Merry-Go-Round." Cabarets and West End Shows. 8.0: The Chalk Farm Salvation Army Band, With B. Kerrich (Baritone). 8.45: Talk on World Affairs. 9.0: Close.

7.50 a.m. (DJN 31.4, DJB 19.7, DJQ 19.6, DJD 25.4): German Folk Songs. 8.0: Music. 8.45: News in German. 9.0: Music.

9.26 a.m. (GSP 19.6, GSO 19.76, GSF 19.8, GSD 25.5): New Dance Music. 9.30: "Late Night Special." A Cabaret Revue. 10.0: "Cupid and the Diplomat." A Comedy. 10.45: Dance Music. 11.10: News. 11.30: Close.

11.15 a.m. (DJB 19.7, DJN 31.4, DJQ 19.6, DJD 25.4): News in English from Berlin. 11.30: Music. 1.30: News in English. 1.45: Greetings to Listeners. 1.50: Close.

Noon (GSI 19.6, GSG 16.86, GSB 31.5, GSD 25.5): Talk on World Affairs. 12.15: Chamber Music. 12.55: "Summer Over the British Isles," No. 3—Devon and Cornwall. 1.40: News. 2.0: Close.

12.30 p.m. (TPA4 25.6): Recorded Music. News in French.

1.30: News in English. 1.45: Records. 3.0: Close. 12.45 p.m. (3LR 31.34): "At Home and Abroad," by "The Watchman." 1.0: Victorian News. 1.5: Interstate Weather. 1.15: Music. 3.0: Sporting Programme. 5.0: Close.

3.0 p.m. (GSE 31.5, GSD 25.5, GSO 19.76, GSG 16.86): Big Ben. Talk on World Affairs. 3.15: Oriet's Chamber Music. 3.40: "Kayle to St. Merryn." 4.0: Recital of Scottish Music. J. McPhee (Tenor) and Pipe Major MacIntosh. 4.25: News. 4.45: A Cabaret Revue. 5.15: Close.

3.10 p.m. (DJB 19.7, DJN 31.4, DJE 16.8, DJL 19.6): Variety Concert. 4.0: News in German. 4.15: More Variety. 5.0: News in English. 5.15: Sound Pictures.

5.30 p.m. (DJB 19.7, DJE 16.8): Select German Male Choirs. 6.0: The Family Tree. 6.15: Light Music. 7.30: News in German. 8.0: Chamber Music. 8.15: Close.

6.30 p.m. (3LR 31.34): Pleasure and Commerce. 6.45: Sporting. Talk on "Art and Leisure." Mr. A. Lismer. 7.20: National News. 7.30: News for Queensland and N. Australia. 8.0: NATIONAL MILITARY BAND. 8.30: Topical Revue. 9.0: Travel Letter by Mr. Denzil Batchelor. 9.10: Melbourne Programme. 10.30: News. 10.50: Meditation Music. 11.30: Close.

7.0 p.m. (3ME 31.58): Recorded Music. 8.0: The World's Famous Orchestras. 9.0: News. 9.35: Mailbag Session. 9.30: Leading Dance Bands. 10.0: Close.

8.45 p.m. (GSH 13.97, with GSG 16.86 operating on Two Transmitters): Talk on World Affairs. 9.0: The Wynford Reynolds Octet. 9.30: Scenes from the "Taming of the Shrew." 10.5: Guitar Recital. 10.15: Coventry Hippodrome Orchestra. 11.0: A Cabaret Revue. 11.30: News. 11.55: Close.

9.0 p.m. (DJB 19.7, DJE 16.8): Concert of Light Music. 10.0: News in English. 10.15: Light Music. 11.0: News in German. 11.15: Announcing the New Month. 11.45: Light Music for the Cymbalo. Midnight: News.

FOR OTHER SCHEDULES SEE FRIDAY

2AY ALBURY,
1480kc. 203m.

12.0: Open. 12.30: News. 1.15: The Music Box. 2.0: Close.
5.30: Children's Session. 6.0: Dinner Music. 7.0: This Happened in Australia. 7.30: Sporting Session, conducted by Mr. Bunton.
8.0: Charlie Chan. 8.30: Bright Interlude. 8.45: The House of Peter MacGregor. 9.15: The Countryman's News. 9.30: Celebrity Recital. 9.45: Dance Programme. 10.30: Close.

2QN DENILQUIN,
1440kc. 208m.

7.30: Brighter Morning Session. 8.0: News, Weather, etc. 9.0: Close.
12.0: Luncheon Music. 12.30: Melbourne Session. 1.10: Weather, News, etc. 2.0: Close.
6.0: Children's Session. 7.0: 2QN's Sporting Commentator. 7.45: Musical Moments. 8.0: Overture. 8.30: Bendigo Traders' Session. 9.30: News. 9.45: New Release Session. 10.0: 2QN's Session of Brighter Numbers. 10.30: Close.

2BH BROKEN HILL,
1060kc. 283m.

Day Sessions as usual.
5.0: Variety of Music and Song. 5.30: Smilers' Session. 6.30: News. 7.0: Musical Medley. 8.0: Leaders in Dance Time.
8.15: Favorite Compositions by Chopin. 8.45: House of Peter MacGregor. 9.0: News. 9.15: Piano-Accordion Band. 9.30: Melody and Song. 10.0: Reverie Music. 10.30: Close.

2BS BATHURST,
1500kc. 200m.

Day sessions as Friday.
5.0: Children's Session. 6.0: Jokes and Serial. 6.40: Musical Gems. 6.57: Sydney Race Results. 7.5: Music Ramblings.
7.30: Old-time Dance Session. 8.30: Local Stock Report. 8.45: Selected Music. 9.30: Radio Rhythm. 10.0: Close.

3LO MELBOURNE,
770kc. 290m.

Day sessions as Friday, except:
9.35: The Radio Serial—"The Bar-ra-ke Mystery" by Arthur W. Upfield. Read by "Scribe."
10.10: Current Happenings in Sport by A.B.C. Commentator.
10.30: Weekly London Letter from Marjot Neville—"The Family Meals."
"Readers and Writers"—Nettie Palmer.
12.0: Broadcast to Schools—"The World We Live in"—Professor G. S. Browne.
12.45: "At Home and Abroad"—"The Watchman."
1.30: From the Rotary Club—Luncheon Speeches.
3.0: Broadcast to Schools—"Early Stages in German"—Mr. Otto Steiner.
3.30: "Khyber" written by Edmund Barclay. Episode: The Twentieth. "Back to Wallazance." Production: John Cairns.
5.0: "Ramblings in Rhythm."
5.20: Tiny Tots' Session.
5.30: Young People's Session. (S.) A Radio Serial—"The People of

WEDNESDAY - - - - - Continued

the Black Peacock." (M.) A Story of "Og, Wog and Their Little Dog Gog." by Archibald Good-night. 6.0: Dinner Music. 7.40: (S.) "The Strange Adventures of Mr. Penny" (see 2FC). 8.0: "The Passing of the Regiments" (see 2FC). 8.30: Topical Revue (see 2FC). 9.0: Bachelor Travels. 9.10: "Calling All Stars" (see 2FC). 10.40: Meditation Music. 11.20: The Midweek Review of the News. 11.30: Close.

3AR MELBOURNE, 630kc. 470m.

Day Sessions as Friday except: 2.1: During the afternoon Jim Carroll will describe the Yarra Glen and Lilydale Hunt Club's meeting at Moonsee Valley. 3.30: Early Evening Music. 5.55: Early Stages in Italian—Miss Helen Byrne; Mr. G. Moriondo. 6.15: Countryman's Session. 6.45: Sporting Session, conducted by A.B.C. Commentator. 7.0: (M.) National Talk by Miss Helen Simpson. 7.20: National News Bulletin. 7.30: Victorian News Bulletin. 7.35: Links with the Past. 7.40: Changes in New Zealand—Dr. W. Bryden. 8.0: Paul Schram (pianist). Organ Choral Preludes (Bach-Busoni). Lord God, Heaven's Gate Unlocks; I Call on Thee, Lord; In Dir Ist Freude. Sonata in E Flat Major, Op. 22 (Ludwig Van Beethoven). Allegro con brío. Adagio con molt' espressioni. Menuetto-Rondo. 8.50: The Undiscovered Land. "The Conqueror," No. 9, by C. Tapley Timms. Production, Mayne Lynton. 8.50: The Wandering Birds, Sixth Flight. A Musical Scene, presented by the Melbourne Ladies' Choir, conducted by A. C. Bartle-

man. Written and arranged for broadcasting by Winifred Browne. 9.15: Melodious Memories, with Al Hammett and the National Dance Orchestra, with interpolated items by Zell Manners, Minkie, and Harcourt French, Entertainer. 10.15: News. 10.30: Close.

2CO COROWA, 670kc. 448m.

6.30: See 2BL. 6.50: See 3AR. 9.30: See 3LD. 11.30: Close. 12.0: See 3LO. 12.35: News. 12.45: See 3LO. 1.15: See 3AR. 1.55: See 3LO. 2.0: Close. 3.0: See 3LO. 4.0: Close. 5.0: See 3LO. 6.0: Local Session, including Market Reports from Albury. 6.15: See 3AR. 7.35: Local News Service. 7.40: See 3LO. 11.30: Close.

4QG BRISBANE, 800kc. 375m.

Day Sessions as Friday, except: 10.30: The Daily Broadcast Service, conducted for the Congregational Church, by Rev. Percival Watson. 12.0: (S.) Broadcast to Schools—The World We Live In. 2.0: Popular Music (r.). Albion Park Race Results. 5.15: Children's Session for the Tiny Tots. 5.30: (S.) Children's Serial Play—The People of the Black Peacock. 5.40: "Gus Gummy-nose and Ricketty Ringtail." Cap and Bebe. 5.0: Dinner Music. 6.25: Movements of Air-mail Planes. Stock Exchange Report. 6.27: Countryman's Service Session. 6.45: Race Results. 7.0: Talk. 7.20: (S.) National News Bulletin. 7.30: News. 7.35: Lighthouse Bulletin. 7.40: (S.) Mr. Penny (see 2FC). 8.0: (S.) The National Military Band (see 2FC). 8.30: (S.) Topical Revue (see 2FC). 9.0: (S.) Bachelor Travels.

9.10: Sherlock Holmes (see 2FC). 10.30: Meditation Music (r.). 11.20: Weather, News. 11.30: Close.

5SCL ADELAIDE, 730kc. 411m.

Main features:— 11.30: National Broadcast to Schools—The World We Live In—A Talk on Current Affairs by Professor G. S. Browne. 11.45: Music. 12.40: Weather and River Reports. Aviation. During the afternoon a Racing Service from Moonsee Valley will be provided, interspersed with Music from the Studios. 4.30 (approx.): Close. 5.30: Tiny Tots' Corner—Hello, Everyone. 5.40: Young People's Session—5CL Girls' Choir. Peter Crane tells about: Tribes—Queer and Rare. Good-night. 6.0: Dinner Music. 6.15: The 5CL Bluebird Club, conducted by the Bird Lady. 6.30: National Talk by Miss Helen Simpson, Well-known Australian Novelist. 6.50: National News Bulletin. 7.0: News and Race Results. 7.5: Official Stock Exchange Information. 7.15: Defence Notes, by Colonel H. J. Copley—The Modern Cavalryman. 7.25: Sheep Market Reports. 7.30: The Passing of the Regiments. (See 2FC.) 8.0: Topical Revue. (See 2FC.) 8.30: Bachelor Travels. ALTERNATIVE PROGRAMMES 8.40: 5CL—A Film Broadcast from the British Lion Production, Calling All Stars. (See 2FC.) 8.40: 5CK—Serenades, with Greta Callow, Soprano. 8.55: Weather Bulletin and Announcements. 9.0: Countrymen's Session, arranged by Mr. A. L. Langsford—The Balance of Life in Plants, by Mr. D. B. Adam, B.Ag.Sc. 9.30: Recital by Jakob Gimpel.

Pianist—Sonata in E Flat Major (Beethoven), Warum (Schumann), Traumeswirren (Schumann). 10.0: 5CL and 5CK—News, Weather Bulletin, and Aviation. 10.10: La Tosca—A Recorded Rendition of Puccini's Famous Opera. Floria Tosca, a Celebrated Singer, Soprano; Mario Cavara-dossi, a Painter, Tenor; Baron Scarpia, Chief of Police, Baritone; Angelotti, Bass. 11.20: A Summary of the Day's News. 11.30: Close.

7HO HOBART, 860kc. 349m.

8.0 to 1.0: As on Monday. 1.15: Community Singing from Town Hall, Hobart. Proceeds in aid of Lord Mayor's Charity Fund. 2.0: Close. 3.0: Matinee Session. 4.30: Sponsored Session. 5.30: 7HO Radio Club Concert. 6.30: Jul Jones's Racing Talk. 6.57: Strand Reporter. 7.0: New Recordings. 7.15: Sponsored Session — "7.30 Victoria." 8.0: The Rogues' Gallery. 8.40: Hit of the Week. 9.0: Sponsored Session. 9.15: True Life Tales. 9.30: One Man's Family. 10.0: News. 10.5: Dance Recordings.

7HT HOBART, 1080kc. 278m.

Day sessions as usual. 5.30: Sunshiners' Club Session with Taffy, Bumble, Tess, and "The Swiss Family Robinson." 6.0: Uninterrupted Dinner Music. 6.30: Sporting Session, conducted by Billy Barwick. 6.45: His Majesty's Troubadour. 7.0: Dad and Dave. 7.15: New Guinea Patrol. 7.35: Fruit Report. 7.45: Stock Report. 8.0: Vocal Highlights. 8.30: Chandu the Magician. 9.30: Laughs and Chuckles. 10.0: News. 10.5: Dancing Time. 11.0: Close.

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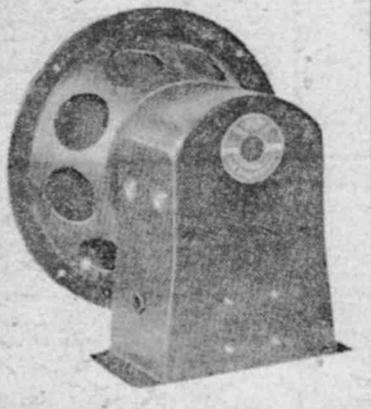
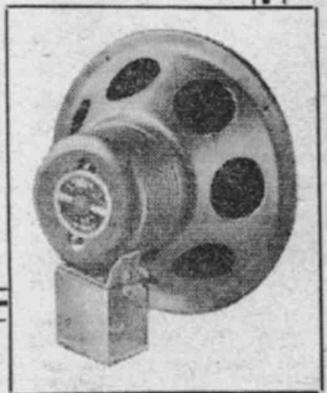
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THURSDAY

[AUGUST 5]

2FC SYDNEY,
610kc. 492m.

Day Sessions as Friday, except:
9.45: A Racing Talk by the A.B.C. Racing Commentator.
10.45: LISUSCHA TRIKOJUS will speak on A WEEK IN HUNGARY.
12.0: BROADCAST TO SCHOOLS—PRIMARY—HISTORY.
Mr. W. J. Hayes, M.A., Inspector of Schools, will speak on—James Stirling, First Governor of Western Australia.
1.35: Track Work and Saturday's Acceptances, by the A.B.C. Racing Commentator.
3.0: BROADCAST TO SCHOOLS—SECONDARY—FRENCH.
LESSON ELEVEN: M. Jean de Vial and Dr. L. D. Woodward, B.A.
3.45: CHRISTINE COMYER will tell a Story—THE RAIN.
5.0: Music.
5.20: Tiny Tots' Session.
5.30: YOUNG PEOPLE'S SESSION, THE PEOPLE OF THE BLACK PEACOCK.
A Thrilling and Dramatic Story of the East, by MAJOR J. T. GORMAN, Dramatised for Radio by ELLIS PRICE.
5.40: The Potters of Pottsville. Bryson and Pat.
6.0: Dinner Music (r.).
6.0: Interlude (r.).
8.5: THE SYDNEY SYMPHONY ORCHESTRA. (See Panel)
9.5: MARY BAILLIE, Pianist. (See Panel)
9.15: MADMAN'S CHESS. (See Panel)
10.0: VICTORIA ANDERSON AND VIOLA MORRIS. (See Panel)
10.40: Dance Music (r.).
11.30: Late Weather and News.
11.30: Close.

2BL SYDNEY,
740kc. 405m.

Day Sessions as Friday, except:
11.40: STRANGE CURES AND SUPERSTITIONS.
A TALK BY A HOSPITAL MATRON.
12.7: A Pianoforte Recital (r.) by SERGE PROKOFIEFF and THE LONDON SYMPHONY ORCHESTRA.
Concerto No. 3 in C Major (Prokofieff)
3.0: MUSICALE
MARIE ORMSTON, Pianist.
KATHLEEN LOGUE, Violinist.
GEORGE HAGGARTY, Baritone and DORA MARQUITA, Soprano.
PIANIST—
Four Aces Suite . . . (Mayerl)
Clubs.
Diamonds.
At the Balalaika . . . (Posford)
Marigold (Mayerl)
BARTONE—
Come to the Fair (Easthope Martin)
Trees (Oscar Rasbach)
Mother o' Mine (Frank E. Tours)
VIOLIN.
Melodie (Tchakowsky)
Frasquita (Lehar-Kreisler)
Gipsy Serenade (Valdez)
SOPRANO.
A Maiden's Song (E. Meyer-Helmund)
Absent Yet Present (Valerie White)
The Maiden's Wish (F. Chopin)
PIANIST—
The Goldfish (Peri)
The Last Mohican (Peri)
Meditation (Lee Sims)
BARTONE—
A Chip of the Old Block (W. H. Squire)
I Travel the Road (Pat Thayer)
VIOLIN
Sketch Pastorale (Saenger)
Serenade (Arensky)
SOPRANO.
Venez Agreeable Printemps (Come Pleasant Spring) (Weckerlin)

2FC 8.5
FROM THE SYDNEY TOWN HALL

CELEBRITY CONCERT
Presented by
THE SYDNEY SYMPHONY ORCHESTRA
Conducted by PROFESSOR GEORG SCHNEEVOIGT
Eminent Finnish Conductor
Symphony No. 5 (Mahler)

2FC 9.5
MARY BAILLIE, Pianist
Sonata in A Major (Haydn)
Andante cons espresione.
Rondo Allegro.
(First Australian Performance)
Prunella (B. J. Dale)
Windmills (E. J. Moran)

2FC 9.15
MADMAN'S CHESS
By SAM and SYLVIA HARRIS

What would you think, if you heard that three marked coins had been circulated, each to bring to its owner on a certain day one of three particular prizes—a dazzling fortune, a trip around the world—or Death? Supposing you received one of the coins, would you risk winning the prize of Death, for the sake of your chances with the other prizes? Or would you cast your coin into the gutter, vowing that you would have nothing to do with such a diabolical distribution? Such is the dilemma faced by several characters in Madman's Chess, this intriguing and original fantasy from the pen of Sam and Sylvia Harris, of Brisbane. In its own macabre way, the play satirises human nature. Not only does it tell a striking tale of a satanic gamble; Madman's Chess also makes wry comment on the ironical pattern of life as the authors find it.

CHARACTERS:
MISS DENNY. JIMMY SPARKS.
BARRINGTON. MARY BROWN.
CONHAM. SHOPKEEPER.
FIELDS. MARIE SYLVESTER.
PERRETT. ANDREW SYLVESTER.
BLIND MAGGIE. ALF.
EMILY. DOCTOR HUGHES.
FREDDIE. OTHER VOICES.
Production: LAWRENCE H. CECIL.

2FC 10.0

VOCAL DUETS AND SOLOS
By VICTORIA ANDERSON and VIOLA MORRIS

DUETS—
Die Meere (Brahms)
Am Strande (Brahms)
Die Schwestern (Brahms)
SOLOS—
VICTORIA ANDERSON—
Viene O Figlio—Ottone (Handel, arr. C. F. Crowder)
Wie froh und frisch (Brahms)
VIOLA MORRIS—
Claire de Lune (Faure)
Apres un Reve (Faure)
DUETS—
Dirge for Fidele (Vaughan Williams)
The Graceful Swaying Wattle (F. Bridge)
My Bonny Lass, She Smileth (E. Thiman)

Jeunes Fillettes (Young Lassies) (Weckerlin)
Voices of the Woods (Rubenstein)
4.30: CHAT OVER THE TEACUPS BY NOELLE BRENNAN.
5.30: RAMBLING IN RHYTHM. A Programme of New Release Recordings.
6.0: Model Aeroplane Session, conducted by Wings.
6.15: Weather Report, Stock Exchange Report, General Markets.
6.45: A Penions Advocate Answers Diggers' Questions.
6.55: WOMEN'S SPORTING SESSION, conducted by Grace Johnston.
7.0: NATIONAL TALK—ART AND LEISURE. A Talk by MR. ARTHUR LISMER.
7.20: NATIONAL NEWS BULLETIN.
7.30: Local News.
7.35: Musical Items (r.).
8.0: VARIETY. (See Panel)
8.35: HOW SWING IS SWUNG (r.). (See Panel)

9.0: JUDITH ANNE AND HER UNCLE JOHN. (See Panel)
9.10: THE COMEDY HARMONISTS. (See Panel)
10.0: Interlude (r.).
10.5: POINTS OF VIEW (r.). (See Panel)
10.20: Late News and Weather.
10.30: Close.

2NC NEWCASTLE,
1230kc. 244m.

6.30 to 9.30: Relayed from 2BL.
9.30 to 11.0: Relayed from 2FC.
11.0 to 11.5: FROM 2NC NEWCASTLE STUDIO—Chat Over the Teacups by Celia Starfield.
11.5 to 11.15: News Service by courtesy of the "Newcastle Morning Herald."
11.15 to 11.30: Relayed from 2FC.
12.0 to 2.0: Relayed from 2FC.
3.0 to 4.0: Relayed from 2FC.
5.0 to 11.30: Relayed from 2FC.

2NR NORTHERN RIVERS,
700kc. 429m.

6.30 to 9.30: Relayed from 2BL.
9.30 to 11.30: Relayed from 2FC.
12.0 to 1.25: Relayed from 2FC.
1.25 to 1.35: 2NR Studio—Morning News from the "Grafton Examiner."
1.35 to 2.0: Relayed from 2FC.
3.0 to 4.0: Relayed from 2FC.
5.0 to 6.0: Relayed from 2FC.
6.0 to 6.15: 2NR Studio—Military Notes.
6.15 to 7.35: Relayed from 2BL.
7.35 to 11.30: Relayed from 2FC.

2CR CENTRAL REGIONAL,
550kc. 545m.

6.30 to 9.30: Relayed from 2BL.
9.30 to 11.30: Relayed from 2FC.
12.0 to 1.25: Relayed from 2FC.
1.25 to 1.35: FROM 2CR STUDIO—News service by courtesy of the "Orange Advocate."
1.35 to 2.0: Relayed from 2FC.
3.0 to 4.0: Relayed from 2FC.
5.0 to 6.0: Relayed from 2FC.
6.0 to 7.35: Relayed from 2BL.
7.35 to 7.40: FROM 2CR STUDIO—Orange Stock Market Reports.
7.40 to 8.0: Relayed from 2BL.
8.0 to 11.30: Relayed from 2FC.

2UE SYDNEY,
950kc. 316m.

Day Sessions as Friday, except:
6.40: Track Gallops direct from Randwick at Intervals.
8.0: Randwick Track Highlights.
12.30: "Poultry"—Talk by Mr. C. Honeyfield.
1.30: Acceptances for Rosehill.
5.0: A Musical Cocktail. 6.0: Dinner Music.
6.10: Acceptances for Rosehill.
6.20: Rhythm of To-day.
6.30: Snapshots of Sport. 6.45: Dinner Music. 7.15: Orchestras of All Nations.
7.30: The Randall Family. 7.45: The Singing Salesman.
7.50: The Reporter of Odd Facts.
7.55: A Spot of Humor. 8.0: News Service. 8.5: The Vicar.
★ 8.15: QUEEN VICTORIA — HER LIFE AND REIGN.
8.30: Comedy Interlude. 8.45: Mademoiselle Gitta Adlee.
★ 9.0: FROM OUR STANDARD RADIO LIBRARY.
9.15: Variety Artists. 9.30: Music in the Russ Morgan Manner.
9.45: Melodious Strings.
★ 10.0: LET'S TALK ABOUT TALKIES — THE RADIO FIRST NIGHTER.
10.15: News Service. 10.20: Music.
10.30: FEATURE DANCE PROGRAMME — KENNETH FOWLES.
11.30: Close.

2CH SYDNEY,
1190kc. 252m.

Day Sessions as Friday, except:
10.2: Morning Devotion—Rev. Leland Parsons.
11.30: Our Legally Qualified Medical Practitioner will give a talk on "Mothercraft."
★ 12.10: COMMUNITY SINGING, conducted by BOB STROTHER, from Hurstville.

THURSDAY - - - - - Continued

- 1.0: From Pitt Street Congregational Church—Community Praise Service.
- 2.45: June and Joan present "A Tea Time Rendezvous."
- ★ 3.30: A DICKENS READING by A. S. COCHRANE.
- 4.55: Children's Session by the Fairy Godmother. 5.30: The Hello Man's Children's Session.
- 6.15: Junior Chorus. 6.25: Dinner Music.
- 6.30: Carson Robison and his Bucaroos.
- 6.45: Knight Barnett at the Hurstville Theatre Organ. 6.50: Weather Report.
- ★ 7.0: COMEDY CLUB completed by Edward Howell.
- 7.10: Magic Carpet Book. Page 12: Canada. 7.15: The Leader of the Band.
- 7.25: Sally Paige at the Piano.
- 7.30: The Harmony Parade.
- ★ 7.45: OSCAR LAWSON presents "BITS AND PIECES."
- 8.0: "FRED AND MAGGIE EVERYBODY," featuring Edward Howell and Therese Desmond.
- 8.12: Orchestra Mascotte. 8.15: Stars of the Air. 8.27: Albert Sandler and Orchestra. 8.30: Moon Song.
- 8.45: Five Minute Mystery. 8.50: Night and Day. 9.0: Treasure Trove in Tune. 9.30: Francois Stempinski, Violinist.
- ★ 9.45: SCOTTISH REVERIE, conducted by John Davis.
- 10.0: MR. WEARY AND MR. WORN, featuring Edward Howell and Les Warton.
- 10.15: Rendezvous with Rhythm.
- ★ 10.30: RONALD MARSTON at the FULLERTON MEMORIAL ORGAN.
- Walter's Prize Song (Wagner). Trees (Rasbach). Three Minute Talk by Rev. Geo. Cowie, B.A. Beautiful Isle of Somewhere. 10.50: Meditation and Music. 11.0: Close.

2GB 870kc. 345m.

- Day Sessions as Friday, except:
- 9.15: A Talk by Mr. Richard Want, M.A.
- 10.0: A Talk under the auspices of the Federation of Mothers' Clubs.
- 11.1: Miss Zoe Benjamin—A Kindergarten Holiday Home.
- 12.45: Housewives' Session—Mrs. Ruby Duncan.
- 1.0: Arthur De Dion—The Astrologer.
- 3.20: Book Reviews from the Garden of Happiness.
- 3.45: Radio Mannequin Parade—Julie Russell.
- ★ 4.15: MISS BETTY KEEP—"FASHIONS AND CLOTHES."
- 4.45: Auntie Goodie—Songs to the Tiny Tots.
- 5.0: Children's Session, conducted by Uncle George. 5.30: Crazy Kollege. 5.50: Dor Lovers' Club.
- 6.0: Terry and Ted.
- ★ 6.15: TWENTY THOUSAND LEAGUES UNDER THE SEA, BY JULES VERNE.
- 6.30: Snapshots of Sport—Mr. Oscar Lawson.
- 6.45: Pickwick Papers—A B.S.A. Production. 7.0: Drums—A Radio Drama. 7.15: True Life Tales.
- 7.30: Revolution in Mexico—A B.S.A. Production. 7.45: Music. 7.55: Spot of Humor.
- 8.15: Cafe Round the Corner—A B.S.A. Production. 8.30: House of Dreams—Dream Melodies—A B.S.A. Production. "Dark Eyes." 8.45: Words and Music.
- 9.0: Charm of the Orient, featuring Reg Morgan and Brenda Carter. 9.10: Music.
- ★ 9.15: A PAIR OF JACKS—A FUNNY STORY SESSION.
- 9.45: Sporting Talk by Lionel Bibby—"Gun Smoke."
- 10.0: 2GB News Review. 10.15: Bits and Encores. 10.30: Fritollities. 10.45: Music. 11.0: Slumber Music. 11.30: 2GB Good-night Song. 11.30: Close.

2UW 1110kc. 270m.

- Day Sessions as Friday, except:
- 9.20: Track Gallies.
- 9.30: George Edwards and Nell Stirling in "The Scarlet Letter."

★ 10.30: WOMAN'S MAGAZINE OF THE AIR—A Trans-Radio Production.

- 1.30: Acceptances for Rosehill. 4.15: Miss Mandola—Banjo.
- ★ 4.30: OUT OF THE SHADOWS—Laurence McAuley.
- 5.5: Children's Session. 5.55: The Talk of the Town.
- 6.0: George Edwards, David and Dawn Under the Southern Cross.
- 6.15: Dinner Music. 6.30: Tea Time Topics. 6.35: Dinner Music. 6.55: Highlights of Music. 7.0: Dad and Dave—A George Edwards Production.
- 7.15: Mr. Hardie and Mr. Rubber.
- ★ 7.20: MRS. 'ARRIS AND MRS. 'IGGS.
- 7.30: The Elusive Baronet—A George Edwards Production. 7.45: Music of Franz Lehar. 8.0: Hot Shots of Harmony. 8.15: Synchronomatics. 8.25: The Hit of the Week. 8.30: George Edwards and Nell Stirling. "Knights of the Round Table," No. 4.
- ★ 8.50: GARDENING TALK—S. H. HUNT.
- 9.0: Langworth Library Features. 9.15: WHERE TO FISH—Mr. Oscar Lawson.
- 9.30: Recordings by Radio Stars. 9.45: Comedy Cameos. 10.0: Music Round the World. 10.15: Continental Novelties. 10.30: American Dance Band. 11.0: Musical Miscellany. Midnight Sessions as Friday.

2SM SYDNEY, 1270kc. 236m.

- Day Sessions as Friday, except:
- 2.30: The Pictorial of the Air—Reading.
- 5.0: Uncle Tom and His Gang. 6.0: Angelus.
- 6.1: Dinner Session—Domestic Harpnet.
- 6.30: To-day's Poultry Market and Report—M. Hennessy. 6.45: Music.
- ★ 7.15: MO, AUSTRALIA'S PRIME MINISTER OF MIRTH.
- 7.30: Talk—This Age of Plenty.
- ★ 7.45: CARMEN BOWMAN AND BILL LAKE IN "STUDIES IN BLACK AND WHITE" (TWIN PIANO TEAM).
- 8.0: Thursday Night at 8.0. 8.30: The Grocer and Madame.
- ★ 9.0: IN TOWN TO-NIGHT, with John Dunne interviewing the City's Personalities.
- 9.45: They Made These Famous—Comper Father Meany. 10.25: When you come to the end of the day—Paul Oliver. 10.30: Close.

2KY SYDNEY, 1020kc. 294m.

- Day Sessions as Friday, except:
- ★ 1.0: FROM EMPIRE THEATRE—COMMUNITY SINGING—SYD HAYNES, RECKLESS REGGIE, BENNY ODDY, "ARGUS," AND A HUGE PROGRAMME OF NOVELTIES.
- 1.30: Acceptances—Ken Howard.
- 3.0: Whose is the Voice—Competition.
- 4.25: Melody Session—John Harper.
- 5.15: Alf of the Alphabet—Children's Session and Competition.
- 5.30: Dinner Entertainment—"Goodie" and Uncle Bert. 6.37: Spot of Humor. 6.45: Radio Snapshots.
- 7.0: Cycling Topics—Claude Spence. 7.15: Labor News Commentary. 7.25: Turf Notes. 7.30: Dance Music of the Day. 8.0: Overture. 8.5: Music. 8.30: Musical Highlights. 9.0: Music. 9.30: Melbourne Turf Topics—George Francis.
- ★ 9.45: GREETINGS AND SALUTATIONS—FLESH AND BLOOD PRESENTATION.
- 10.15: Radio Rhythm.
- 10.30: Happy Hour—Gerry Hardman. 11.0: Your Favorite Artist. 11.15: Variety Music. 12.0: Close.

2GZ CENTRAL N.S.W., 990kc. 303m.

- Day Sessions as Friday, except:
- 6.50: Producers' Service Session—Dairying and Pigs.

2BL 8.0

VARIETY

Half an Hour of Non-Stop Variety
NEWS REELS, SINGERS, COMEDIANS,
SKETCHES, CRAZY SYMPHONIES

Continuity: COLIN WILLS. Production RUSSELL SCOTT

2BL 8.35

HOW SWING IS SWUNG (r.)

2BL 9.0

JUDITH ANNE AND HER UNCLE JOHN

2BL 9.10

FROM THE ALBERT HALL, CANBERRA
THE COMEDIAN HARMONISTS

In Association with
JIM DAVIDSON'S A.B.C. DANCE BAND

2BL 10.5

POINTS OF VIEW (r.)

Western Composers on Eastern Countries
Arranged by J. J. DONNELLY

- 11.5: The Kitchen of the Air. 11.15: Health and Beauty Talk by Miss Susan Bell. 11.20: Our Household Scrap Book. 11.35: Music. 11.45: Mothercraft.
- ★ 1.30: "Frank Watanabe and the Honorable Archie."
- ★ 3.40: "FRIENDS OF MINE."
- 3.55: Music of Yesterday. 4.10: Golden Harmony. 4.25: The Pictorial of the Air. 4.40: Quiet Time.
- 4.50: Tiny Tots' Session. 5.0: Children's Session. 6.0: Dinner Music.
- ★ 6.15: THE GROCER AND MADAM.
- 6.30: Dinner Music, continued. 6.45: Dad and Dave. 7.0: Racing Finals—Talk. 7.15: Music. 7.20: Weather. 7.25: Produce.
- 7.30: Orange and Bathurst Stock Sales. 7.34: Waratah Stock Sales. 7.38: Music. 7.50: Leave it to Leslie.
- ★ 8.0: "THE HOUSE OF PETER MCGREGOR."
- 8.15: Hot Shots in Harmony. 8.30: The Smoke Social of the Air.
- 8.45: Dramatic Moments. 9.0: Feature Artist. 9.10: Music. 9.15: Charlie Chan. 9.30: Music.
- ★ 9.45: THE DESTINY OF THE BRITISH EMPIRE—Talk by Mr. A. G. Eastman.
- 10.0: Music. 10.30: Close.

2HD NEWCASTLE, 1140kc. 263m.

- Day Sessions as Friday, except:
- ★ 10.0: WOMAN'S MAGAZINE OF THE AIR.
- 11.0: Serial Story. 11.30: Mothercraft Session. 12.0: The Wireless Wags.
- 2.0: Listeners' Favorites. 3.30: Afternoon Musicale. 4.30: Modern Music.
- 5.15: Children's Session. 5.25: Puzzle Corner.
- 6.35: Joy Club Sunshine Ship. 6.40: Jack and Snowy. 6.45: Dinner Music.
- 6.15: Lecture. 8.20: Joyster Notes and News Flashes.
- ★ 6.45: FUNEST.
- 7.20: Mrs. 'ARRIS and Mrs. 'IGGS.
- 7.30: Motorities.
- 7.40: Reg. Martin's Racing Service. 7.45: Sporting Review.
- ★ 8.0: HOT SHOTS OF HARMONY.

- 8.30: Synchronomatic Memories. 8.45: Master Melodies. 9.0: Cavalcade of Kings.

★ 9.15: A FURNITURE PHANTASY.

10.0: News. 10.30: Close.

2DU CENTRAL WESTERN 660kc. 455m.

- Morning Session as Monday.
- 5.30: Children's Cabaret. 5.0: Dinner Music. 7.0: Tibbits from the Talks. 7.30: Kosinsky and Clancy. 7.45: Market Report. 7.50: News Flashes. 8.0: Week's New Releases. 8.15: Piano Pickings. 8.30: Favorites of Yesterday. 9.0: Radio Revel. 9.30: Quiet Time. 10.0: Close.

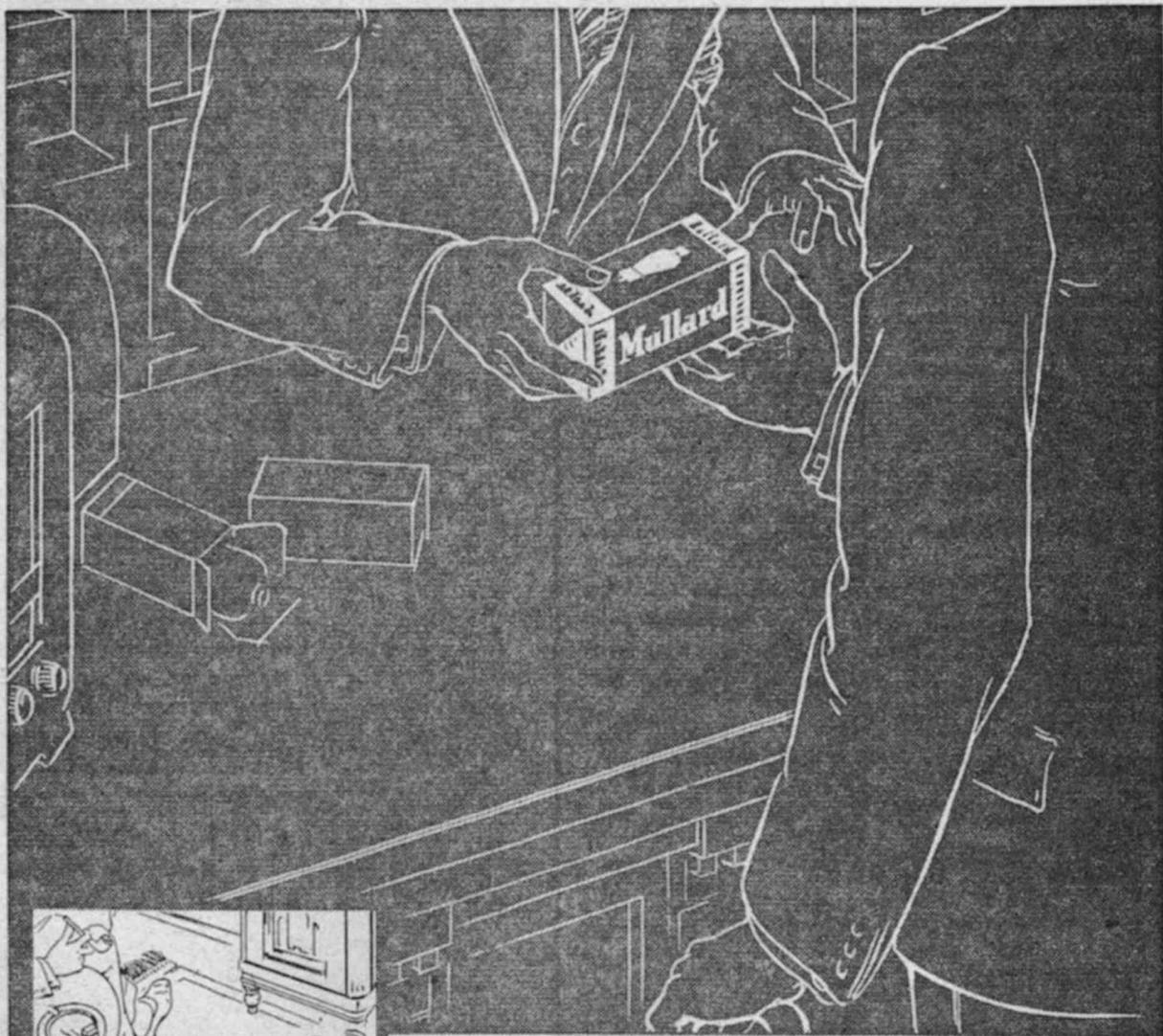
2WL WOLLONGONG, 1430kc. 210m.

- Day Sessions as Friday, except:
- 6.30: Overture. 6.40: Recorded Music. 7.0: A Spot of Humor. 7.8: Music. 7.15: Humorous Highlights.
- 7.30: Edmund Breese in Memories. 7.45: Musical Moments.
- 8.20: Life Stories of the Stars. 8.30: Hot Stuff! 8.45: Recordings.
- 9.0: The Silver Screen—A Talk on Hollywood, by Miss E. Churcher.
- 9.7: Music. 9.15: Instrumental Interlude—Piano, Cello, Saxophone, and Banjo.
- 9.30: George Francis gives a Racing Talk. 9.35: Recordings. 9.45: Radio Rhythm. 10.0: Close.

★ NOTE: RESULTS OF THE DAPTO GREYHOUND RACES AT INTERVALS THROUGHOUT THE EVENING.

2NZ INVERELL, 1170kc. 256m.

- Day Sessions as Friday, except:
- 3.30: Open. A mixture until 4 p.m., then the RKO Radio Newsmen. At 5 o'clock, "Freddie the Frog" (Serial), and 5.45, "The Moon Men of Australia" (Serial). At 8.30 the 2NZ Dramatic Players in a thrilling serial, "The Black Spider." Another mixture until 7.30, then the 2NZ News Review.
- 7.50: Leave It To Leslie. 8.0: The Hill Billy Trail. 8.15: Best of the Bunch. 8.30: The Music of the Bands. 8.45: A Specially Recorded Programme of Assyrian Music.
- 9.0: A Studio Presentation, featuring Jack's Krackajax Orchestra.
- 9.30: Steps to Happiness. 9.45: Slumber Time. 10.0: Close.



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THURSDAY - - - - - Continued

2KO NEWCASTLE,
1410kc. 213m.

Day Sessions as Friday, except:
2.0: Radio Pictorial of the Air.
3.0: Lights! Cameral Action!
5.45: Birthday Calls. 6.30: The In-laws. 7.0: Dad and Dave.
7.30: Rhapsody in Rhythm.
8.15: Watanabe and William.
8.30: A Spot of Humor.
8.45: Charlie Chan. 9.15: Mo.
9.45: Music Lovers' Corner. 10.25: Good-night Melody. 10.30: Close.

2MO GUNNEDAH,
1360kc. 219m.

Day Sessions as Friday.
6.30: Children's Music. 6.0: Dinner Music, conducted by James Crago. 6.30: Entertainment News.
★ 6.45: 2MO CIVIC THEATRE CLUB SESSION.
7.0: Bright Entertainment. 7.30: Stock Sales. 7.35: Music.
★ 8.0: CAVALCADE OF KINGS. 8.15: METROPOLIS.
8.30: Comedy Interlude. 9.0: The Happy Hour. 9.30: Weather Report.

★ 9.35: HOLLYWOOD REVIEW.
10.0: Close.

2CA CANBERRA,
1050kc. 286m.

Day Sessions as Friday, except:
5.30: Children's Session. 5.45: Adventures of Angelina, Ben and Tom. 6.0: Children's Story. 6.20: Children's Birthday Cheerios. 6.25: What's on in Canberra.
6.30: Dinner Music. 7.0: Tennis Talk. 7.25: To-morrow's Weather.
7.30: Mirth Parade. 7.45: Famous Dance Bands. 8.0: Popular Recordings.
8.30: Jack and Joe Competition. 8.45: Sponsored Programme. 9.0: Famous Orchestras.
9.15: Instrumental Quarter Hour. 9.30: Favorites, Old and New. 9.45: Relaxation Music. 10.0: Station Announcements and Close.

2GN GOULBURN,
1390kc. 216m.

Day Sessions as Monday.
5.30: Entertainment for Tiny Tots. 5.45: Serial Story for Children. 6.0: Dinner Music.
7.0: Selections from Talkies and Ritz Screen News. 7.15: Religious Address. 7.30: Musical Gems.
8.0: Popular Releases. 8.15: Miniature Musicale. 8.30: Health Talk. 8.45: Radio Play—Charlie Chan. 9.0: Miss Nancy O'Neill at the Piano. 10.0: Dance Music. 10.15: Meditation Music. 10.30: Close.

2TM TAMWORTH,
1300kc. 231m.

Day Sessions as Friday, except:
5.0: Children's Hour.
6.0: Dinner Music. 6.30: Popular Music. 7.0: Racing Final.
7.30: Health Talk. 7.45: Feature Programme.
8.0: Leave It to Leslie.
8.10: Fred and Maggie Everybody. 8.30: Feature Programme. 8.45: Music.
9.0: The Green Joker.
9.15: Funfest. 9.30: Radio Rhythm. 9.45: Songs of Home (Spain).
10.0: Listener - arranged Programme. 11.0: Close.

2KA KATOOMBA,
1160kc. 259m.

Morning Session as usual.
6.0: Merry Mountaineers' Session. 6.15: Krazy Kollege. 6.30: Dinner Music.
6.45: Frank and Archie. 7.0: Racing Final. 7.15: Songs That Charm. 7.30: Roy Fox and his Band. 7.45: Light Music.
★ 8.0: COMMUNITY CONCERT FROM KATOOMBA TOWN HALL, WITH GEORGE FOSTER CONDUCTOR.
8.45: The Count of Monte Cristo. 9.0: More Community Singing. 10.30: Close.

2AD ARMIDALE,
1080kc. 278m.

Day Sessions as Friday, except:
No Devotional Session.
6.0: Dinner Music and Birthday Calls. 7.0: Pipe Band Selections.
7.30: Dance Music.
8.0: The 2AD Amateur Half-hour. 8.45: Charlie Chan. 9.30: News, Market, and Weather Reports.
9.45: Music Lovers' Session.
10.10: Slumber Music. 10.27: Tranquillity Tales. Told by John Creighton. 10.30: Close.

2GF GRAFTON,
1210kc. 248m.

7.30 to 8.30: Merry Morning Session. 12.0 noon: Weather and Markets. 12.30: Music. 1.0: Shipboard Interludes. 1.15: Musical Box. 1.40: Music. 2.0: Close. 5.30: John and Margaret will entertain the children. 6.0: Dinner Music. 6.30: Music. 7.30: Music. 7.40: News.
7.45: Charlie Chan. 8.0: Music. 9.0: 2GF Radio Players. 8.15: Music. 9.0: The Cub Reporter. 9.30: News. 10.30: Close.

2LM LISMORE,
900kc. 333m.

Day Sessions as Friday, except:
5.30: Children's Corner, conducted by Aunt Mollie.
6.0: Dinner Music. 6.40: Market Reports.
6.45: Douglas Does It. 7.0: Chandu.
7.15: Sporting Session. 7.45: Musical Stories.
8.0: Hotel Revue. 9.45: Radio Dance Programme.
9.50: Birthday Greetings. 10.0: News. 10.30: Close.

2RG GRIFFITH,
1470kc. 204m.

6.0: Children's Session. 6.30: Music Lovers' Potpourri. 7.0: Songs at the Piano, by Cyril James. 7.30: Market Reports. 7.45: Local News. 9.30: One Hour Dance Programme. 10.30: Good-night Song.

2AY ALBURY,
1480kc. 203m.

12.0: Open. 12.30: News. 1.15: The Music Box. 2.0: Close. 5.30: The Children's Session. 6.0: Dinner Music. 7.30: Sporting Session, conducted by Cleaver Bunton.
6.0: Charlie Chan. 8.15: Matters Concerning Men. 8.0: The Iron Horse. 9.15: Countryman's News. 9.30: Waltz Time at 2AY. 10.30: Close.

2QN DENILQUIN,
1440kc. 208m.

7.30: Brighter Morning Music. 8.0: News, Weather, etc. 9.0: Close. 12.0: Luncheon Music. 12.30: Echuca Traders' Session. 1.10: News, Weather, etc. 2.0: Close. 6.0: Children's Session. 7.0: 2QN's Sporting Commentator. 7.25: News. 7.45: Goodwill Session. Moving Stories of Life. 8.0: Bourke Street Session. 9.0: Sponsored Session. 9.30: News. 9.45: Elizabeth Street Session. 10.0: 2QN's Session of Brighter Numbers. 10.30: Close.

2BH BROKEN HILL,
1060kc. 283m.

7.0: Early Morning Melodies. 7.15: News. 9.0: Close. 12.0: Luncheon Music. 1.0: Happiness Session. 2.0: Close. 5.0: Children's Session. 5.30: Variety. 6.0: Dinner Music. 6.30: News. 7.15: Sporting Highlights. 7.30: Medley. 8.0: Variety Show. 8.30: Musical Moments. 9.0: News. 9.15: Piano Accordion Hits. 9.30: Magazine of the Air. 9.40: Dance Time. 10.30: Close.

2BS BATHURST,
1500kc. 200m.

Day sessions as Friday.
5.0: Children's Session. 6.16: News. 6.30: Musical Programme. 7.0: Victor Silvester Programme. 7.15: Paul Robeson Session.
7.30: Sandy Powell Programme. 8.0: Old Favorites. 8.30: Snappy Recordings. 10.0: Close.

ON THE SHORT WAVES

6.0 a.m. (GSB 31.5, GSD 25.5, GSI 19.6): "Empire Exchange." Points of View of Dominion Travellers. 6.15: Instrumental Variety. Piano, Guitar, Violin, Trumpet and Piano. 6.45: Close.

6.0 a.m. (TPA3-25.23, OLMA 25.34, JZK 19.79, JZJ 25.42, CSW 27.17): Musical Programmes, with News in English from JZJ and JZK at 6.0 and 6.15, TPA3 at 6.10, and OLMA at 7.0 a.m.

7.0 a.m. (GSO 19.76, GSG 16.8, GSB 31.5, GSF 19.8): News. 7.20: A Cabaret Revue. 7.50: Dance Music. 8.25: "Food For Thought." Three Short Topical Talks. 8.45: Recital of W. Sargent's Songs by A. S. Pope (Baritone). The Company Sergeant-Major. Charm Me to Sleep. Susan is Her Name. A Dream of Plymouth Hoe. Devonshire Cream and Cider. 9.0: Close.

9.20 a.m. (GSP 19.6, GSF 19.8, GSO 19.76, GSD 25.5): Light Orchestral Music. 9.30: Billie Manders' "Quintettes." Prom Pier Amphitheatre, Rhyl, Wales. 10.10: ELEVEN-FIVE P.M., AUGUST 4, 1914. Talk by Hon. H. Nicolson, M.P. 10.25: Leslie Bridgewater Quintet. Dance Music of the 18th and 19th Centuries. 10.55: "My Work as a Parliamentary Private Secretary." Talk by Miss T. Cazalet, M.P. 11.10: News. 11.30: Close.

11.15 a.m. (DJD 25.4, DJB 19.74, DJQ 19.6, DJN 31.4): News in English from Berlin. 11.30: Music. 1.30: News in English. 1.45: Greetings to Listeners. 1.50: Close.

Noon (OSI 19.6, GSG 16.86, GSB 31.5, GSD 25.5): A Revue. "Anata and the Elephant." 12.40: Three Short Topical Talks. 1.0: Recital by T. Reiss (Violoncello) and ELLEN JOYCE (AUSTRALIAN PIANIST). 1.40: News. 2.0: Close. 12.45 p.m. (SLR 31.34): "At Home and Abroad." Talk by "The Watchman." 1.0: Victorian News. 1.5: Interstate Weather. 1.15: Music, including Community Singing. 5.0: Close.

1.0 p.m. (TPA4 25.6): Talk and News in French. 1.30: News in English. 1.45: Recorded Music. 3.0: Close.

3.0 p.m. (GSB 31.5, GSD 25.5, GSO 19.76, GSG 16.86): Big Ben. The Arthur Dulaq Quintet. Joyous Days. Vienna by Night. Two Songs Without Words. Sleep, My Little One. Rush Hour in Hongkong. Mariana. Love, Please Stay. 3.30: "Voyagers Overseas." No. 1. Reading from Capt. Bligh's Voyage of the Bounty. 3.45: "Holiday Cruise." No. 2—"The West Indies." 4.25: News. 4.55: The B.B.C. Dance Orchestra. 5.15: Close.

3.10 p.m. (DJN 31.4, DJA 31.3, DJB 19.7, DJL 19.6, DJE 16.8): Merry Notes. 4.0: News in German. 4.15: Music. 4.50: GREETINGS TO AUSTRALIAN LISTENERS. 5.0: News in English. 5.15: Sound Pictures.

5.30 p.m. (DJB 19.74, DJE 16.8): Special Entertainment Concert. 6.45: Folk Songs. 7.15: Story by Announcer. 7.45: The German Radio Exhibition (English). 8.0: Young Authors. 8.15: Close.

6.30 p.m. (3LR 31.34): Finance and Commerce. 6.45: Sporting. 7.0: French News Session. 7.20: National News. 7.30: News for Queensland and N. Australia. 8.5: Celebrity Concert. 9.15: Play from Sydney Studio. 10.0: Melbourne Programme. 10.30: News. 10.50: Dance Music. 11.30: Close.

7.0 p.m. (3ME 31.58): Recorded Music. 8.0: Band Music. 9.0: News. 9.15: Famous Vocalists. 10.0: Close.

8.45 p.m. (GSH 13.97, with GSG 16.86 on Two Transmitters—directional): Recital by B. Marchesi (Soprano). 9.5: "London in August." Talk by J. M. Maude. 9.20: A Studio Concert. 9.50: Three Short Topical Talks. 10.10: The Music of Chopin. Sonata in B Flat Minor. Op. 35. 10.40: News. 11.0: THE ROYAL NATIONAL Eisteddfod of Wales. The Chating of the Bard. Presidential Address. Hon. D. Lloyd George. 11.20: Light Music. Midnight: Close.

9.0 p.m. (DJB 19.74, DJE 16.8): Concert of Light Music. 10.0: News in English. 10.15: Light Music. 11.0: News in German. 11.15: Piano Sonata in A Major (Schubert). 11.45: The Family Tree. Midnight: News.

FOR OTHER SCHEDULES SEE FRIDAY

3LO MELBOURNE,
770kc. 290m.

Day sessions as Friday, except.
9.35: The Radio Serial—"The Barrakee Mystery," by Arthur W. Upfield. Read by "Scribe."
10.10: Current Happenings in Sport by A.B.C. Commentator.
10.30: "My Experiences in America"—Miss Florence Blanshard. A Chat with "June."
11.3: Broadcast to Schools—Physical Training: "Hollow Back"—Mr. P. W. Pearce.

12.0: Broadcast to Schools—Everyday Science and Nature Study: "Weeds"—Mr. P. J. Wolfe.
12.45: "At Home and Abroad"—"The Watchman."
3.0: Broadcast to Schools—"French"—Mr. W. H. Frederick and M. Th. Rouel.
3.30: Travel Talks—"New York—The City of Skyscrapers"—Dr. G. L. Wood.
4.45: From St. Paul's Cathedral—Evansong.

5.20: Tiny Tots' Session.
5.30: Young People's Session. (S.) A Radio Serial—"The People of the Black Peacock." (M.) Continuing "All About Islands"—Ous Travel Play by Irene Shackcloth. Jottings from the Journeys of Jan. Good-night.
6.0: Dinner Music.
7.53 (S.) "A Symphony Explained" Symphony No. 5 (Mahler), by Lindley Evans.

8.5: The Sydney-Symphony Orchestra, conducted by Professor Georg Schaeveigt (see 2FC).
9.5: Mary Bailie, Pianist. 9.15: (S.) "Madman's Chess" (see 2FC).
10.0: Vocal Duets and Solos by Victoria Anderson (Contralto) and Viola Morris (Soprano) (see 2FC).
10.40: Dance Music (r.).
11.20: A Summary of the Day's News. 11.30: Close.

3AR MELBOURNE,
630kc. 470m.

Day Sessions as Friday, except:
2.45: During the afternoon descriptions will be given of the Public Schools Football Match, Scotch College v. Melbourne Grammar, played at Olympic Park.
From 4.15 to 4.30, acceptances and barrier positions will be given for the V.A.T.C. Races at Caulfield on Saturday.

5.30: Early Evening Music.
6.0: French Session, conducted by Mr. J. G. Cornell. Causerie: Quatre operas francais. 3. Lakme (Mr. J. G. Cornell). Disque: Air de la Clochette chante, par Lily Pons.
6.15: Countryman's Session.
6.45: Sporting Session conducted by A.B.C. Commentator.
7.0: (S.) National Talk—The People on the Blue Danube. Dr. Paul Dengler.

THURSDAY - - - - - Continued

- 7.20: National News Bulletin. 7.30: Victorian News Bulletin. 7.35: Links with the Past.
- 7.40: What I Think about the Basic Wage. Answers to Listeners' Questions. Mr. P. J. Clarey.
- 8.0: Near and Far. An intimate half-hour with a Musical Family—even as you and I. Compiled by Reginald Stoneham. Production: Paul Daly.
- 8.35: Frederic Earle at the Electric Organ. Carl Bartling, piano, and J. Alexander Browne, baritone.
- Organ and Piano—Elegie (Bartontine). Baritone—Shipmates o' Mine (Wilfred Sanderson). On the Road to Mandalay (Speaks). I Know of Two Bright Eyes (Clutsam). Organ and Piano—Thema and Mazurka (Moszkowsky). Value from Naisla Ballet (Delibes).
- 9.0: Vera and Alfred Field-Fisher in the Comedy Serial, "The Old Polks Abroad," written by A. Field-Fisher. Episode 9: Money Talks, and so does Father.
- 9.15: A Radio Romance, with Music by C. G. French—"It Happened in Paris!"
- The A.B.C. (Melbourne) Theatre Orchestra and Wireless Chorus, conducted by Cecil Fraser. Production: Paul Daly.
- 10.15: News. 10.30: Close.
- 2CO COROWA.**
670kc. 448m.
- 6.30: See 2BL. 6.50: See 3AR. 9.30: See 3LO. 11.30: Close.
- 12.0: See 3LO. 12.35: News. 12.45: See 3LO. 2.0: Close.
- 3.0: See 3LO. 4.0: Close.

- 5.0: Recorded Music from 2CO. 5.20: See 3LO. 6.0: Local Session, including Market Reports from Albury. 6.15: See 3AR. 7.35: Local News Service. 7.40: See 3LO. 7.55: See 3AR. 10.0: See 3LO. 11.30: Close.
- 4QG BRISBANE.**
800kc. 375m.
- Day Sessions as Friday, except: 10.30: The daily broadcast service conducted for the Church of England by Rev. L. J. Hobbs. 11.45: Talk by Miss Dorothy Prentice. Miss Australia in the Ring at Boyen Park. 1.10: Why and Wherefore. 1.25: From Constitutional Club—Midday Lecture. 3.0: Broadcast to Schools by Miss Vida Lahey. Senior Art—Design in the World To-day. To the Painter's Eye. 3.20: Recital by Edna Richardson (Soprano), Nance Smith (Contralto), and Leone Kelly (Violin). Soprano: My Mother Bids Me Bind My Hair (Haydn). Violin—Libesfreud (Kreisler). Contralto—Corisande (Sanderson). Violin—Ave Maria (Schubert-Wilhelm). Contralto—Creele Cradle Song (Clutsam). Soprano—You are My Darling—Gipsy melody. Violin—Tambourin (Gossec). Contralto—Faery Love Song (Wilby). Soprano—Love Pipes of June (Day). Violin—Caprice Viennois (Kreisler). 5.15: Children's Session for the Tiny Tots. 5.30: (S) Children's Serial Play—The People of the Black Peacock. 5.40: Cap and Bebe. 5.45: The Music Man. 6.0: Dinner Music.

- 6.25: Movements of Air Mail Planes. Stock Exchange Report.
- 6.27: Countryman's Service Session.
- 6.45: Soccer Football Notes by H. C. Read. 6.50: Rugby League Football Notes. 7.0: Talk.
- 7.20: National News Bulletin.
- 7.40: Recital by Percy Burraston at the organ. Kakuda—Japanese One Step (Arnold). Gems of Irish Songs (arr. Zalva). Piccolo (van Alstyne).
- 7.55: (S) A Symphony Explained, by Lindley Evans. Symphony No. 5 (Mahler).
- 8.5: (S) From Sydney Town Hall—The Sydney Symphony Orchestra (see 2FC).
- 9.15: (S) Madman's Chess (see 2FC).
- 10.5: Pianoforte Recital by Curt Prerauer. Excerpts from The Art of the Fugue (J. S. Bach). 10.30: Dance Music (r.). 11.20: Weather News. 11.30: Close.
- 5CL ADELAIDE.**
730kc. 411m.
- Main features:— 12.0: Educational Broadcast by Dr. C. T. Madigan, O.Sc., M.A., B.E.—Travel Talks by Travellers—Our Antarctic Territory. 5.30: Tiny Tots' Corner—Hello, Everyone. 5.40: Young People's Session. Discussions Series. Choosing Characters—John and Archibald. 5.48: Junior Red Cross Session. 5.54: Boy Scouts' Corner. Good-night. 6.0: Dinner Music. 6.30: National Talk by Mr. Arthur Iliemer—Art and Leisure. 8.0: Recital of Hebridean and Highland Folk Music and Songs

- by Margaret Pirie, Contralto, and Clarence Black, Pianist.
- 8.5: From Adelaide Town Hall—Celebrity Concert by the Adelaide Symphony Orchestra, conducted by Professor Bernard Heinze, F.R.C.M., featuring Bronislaw Huberman, celebrated Polish Violinist.
- 9.0: Weather Bulletin and Announcements.
- 9.5: Interlude (r.).
- ALTERNATIVE PROGRAMMES**
- 9.10: 5CL—From Adelaide Town Hall—Celebrity Concert (contd.). Concerto in D Major for Violin and Orchestra (Beethoven). Soloist, Bronislaw Huberman.
- 9.10: 5CK—The Table Under the Tree—A Production from the Studios of the British Broadcasting Corporation, London.
- 10.0: 5CL and 5CK—News Service. Weather Bulletin, and Aviation Forecasts.
- 10.10: Dance Music by Jim Davidson's A.B.C. Dance Band.
- 10.50: Interlude. 11.0: Time Signal. 11.1: Swing to a Close with Nat Gonella and his Orchestra.
- 11.20: A Summary of the Day's News. 11.30: Close.
- 7HO HOBART.**
860kc. 349m.
- 8.0 to 5.0: As on Tuesday. 5.30: Children's Session, with Uncle David and Con. 6.0: Magic Freight Train. 6.15: Dinner Music. 7.0: New Releases. 8.0: Hotshots of Harmony. 9.0: All Comedy Session. 9.15: Recordings. 10.0: News. 10.5: The In-Laws. 10.20: Band Recital—Vocal Interludes. 11.0: Close.

COMPACT

RUGGED

TONE—PERFECT

Important advantage in these Rola Speakers... F-4 and DP5B

Careful design has ever characterised Rola reproducers, and in these units this has resulted in the provision of more space for other components than is obtainable by use of any other make. The Rola F-4 (top right) is a five-inch speaker which gives exceptionally fine results even under conditions where the input is liable to sudden overload. Where a larger baffle area is required the Rola DP5B—a 6½-inch unit—will afford complete satisfaction. These Rola quality speakers have abundant in-built ruggedness and will give long and satisfying performance. The F-4 is listed at 24/- and the DP5B (with patented Rola dust-proof assembly) at 26/-. By reason of their conformity to rigidly enforced standards of quality it will pay you to insist on Rola — the name is a guarantee.



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Watch for the gigantic display of coin operated machines and other money making devices.

Watch for money making attractions for stores, carnivals, fetes, bazaars, etc.

Watch for the new ½ acre basement—the radio demonstration parlour and other departments filled with bright and wanted lines.

Watch for our model planes, model engines, and motors dept.

Watch for the new electric model trains, the out-board motors, the midget gas engines for aeroplane models, model plane, components and accessories in abundance. Watch for the indoor games and hobbies dept.

Bakelite Panel Sheets, black and polished, 3/16 in. thick, 48 x 21 in. Was 1/4 sq. inch. Now 19/6 sheet.
 Oddments in gramophone pick-ups. Now 15/-. 17/6 and 20/-.
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 Metal case buzzers, 2/6. Now 1/6.
 Ormond cabinet speakers, 45/-. Now 19/9. Highest grade, 65/-. Now 25/-.
 Timmons cone speakers, 30/-. Now 10/-.
 Stewart Warner cone speakers, 30/-. Now 10/-.
 Amplion all metal horn speakers, 10/-. Oak 63/-. Now 15/-.
 Triotron speaker chassis, 25/-. Now 7/6.
 Gramophone speaker units, 5/6. Now 2/-.
 Screwdrivers, sets of 3 for 6d. Card of 2 dozen, 4/-. assorted.
 5-cell focussing torch, 1500 ft., 6/6 complete. Others, 2/6, 3/6.
 Floor model cabinets, cut fronts, row 15/-.
 Midget cabinets, cut fronts, 7/6.
 Phillips floor model cabinets, 45/-. Now 20/-.
 Amplion permagnetic L1 16in. speakers, £3. Less than half.
 Phillips condensers, 2 mfd., 2/-; 3 mfd., 3/-; 4 mfd., 4/-.
 Neutron crystals, 1/6. Now 9d.
 Speaker plugs, 1/6. Now 1/-.
 Single and double jacks, 1/-. Were 2/-.
 Large black knobs, 6d. Were 1/-.
 Small single drum dials, 5/-. Were 27/6.
 Electric light wall switches, 3 for 1/-.
 Double wire joiners, 6d. Bakelite.
 Bakelite S.P.D.T. switches w/arrestor, 8d. Were 1/-.
 De Jur on-off switch, 1/-. Were 2/3.
 Kelford 10 ohm. rheostats, 2/6. Now 1/-.
 Tinka solder flux, 1/-. Now 3d tin or 2/6 dozen.
 Magnus series parallel switches, 3/6. Now 3d.
 Hydrometers, large size, 2/11. Now 2/-.
 Triotron speaker chassis, complete, 28/-. Now 10/-.
 Metal radio cabinets, 8/-. Now 2/6.
 Brand new cone speakers, 15/-. Greatly reduced.
 Ormond speaker units, English, 25/-. Now 7/6.

Ormond speaker chassis, complete, 30/-. Now 15/-.
 Operadio all metal cabinet speakers, 38/6. Now 10/-.
 Lock switches, 2/6. Now 1/-.
 Cycle generating electric cycle sets, 9/11, 19/6, 11/6. Now 7/6.
 New horn type speakers, 15/-. Were up to £6/10/-.
 Elec. gramophone motors, complete samples, 20/-. Now 55/-.
 Rear reflectors for cycles or vehicles, 1/11. Now 1/-.
 Ultra air column speakers, 63/-. Now 20/-.
 Power transformers, 11/6. Now 7/6.
 1-inch Bakelite vernier dials, 6/6. Now 4/6.
 Brackets for baseboard mounting, 1/6. Now 3d.
 Earth clips, adjustable, 3d.
 Large battery clips, 9d. Now 6d.
 Metal case buzzers, 2/6. Now 1/6.
 Electric solder irons, 3/11 and 4/6. Others, 9/11 and 15/-.
 5-prong Marquis sockets, Bakelite, 8d each, 3 for 1/-.
 Bradley leaks, 9/6. Now 5/-.
 Differential variable condensers, 7/6. Now 2/6.
 Insulated staples, 9d-10d. Salvage but perfect.
 Morse code keys, imported, 10/6. Now 8/6. Others, 12/6, 19/6.
 Pick-up heads, 11/6. Now 7/6.
 Automatic gramophone stops, 7/6. Now 1/6.
 Gramophone speaker and tone arms, 21/-. Now 5/-.
 RF shielded chokes, 2/6. Now 6d.
 Lighting arrestors, 1-hole fixing, 2/6. Now 1/-.
 Triotron cone speaker units, adjustable, 30/-. Now 10/-.
 Pilot volume-grads, 9/6. Now 2/-.
 500,000 ohm. var. resistances, 9/6. Now 2/-.
 5000 ohm. Central-bud potentiometers, 5/6. Now 2/-.
 2500 ohm. potentiometers, 2/6. Now 1/-.
 Cossor 41 MRC valve, 15/-. Now 2/-.
 Mullard 227 AC valves, 15/-. Now 3/6.
 Lissen audio transformers, giant size, 21/-. Now 10/-.
 9, 11, 13 plate midget condensers, 1/6.
 1000 volt test 1 mfd. condensers, 2/3. Now 1/-.
 Imported elec. immersion heaters,

7/6. Now 3/-.
 4000 ohm. potentiometers, 4/6. Now 2/-.
 Midget condensers, Radiokes, 17 plates, 3/9. Now 1/6.
 Osram 235 Valves 15/-. Now 8/6.
 PM2 valves, 15/-. Now 6/6.
 PM2 Mullard valves, 15/-. Now 8/6.
 3-gang Saxon condensers, 13/6. Now 5/-.
 2-gang Stromberg Carlson condensers, 15/6. Now 4/6.
 Headphones, lightweight, 4000 ohms., 8/6.
 .00025 mfd. fixed condensers, w/grid clips, 2/6. Now 6d.
 .00025 mfd. fixed condensers, English, 2/6. Now 6d.
 Blue Spot cone speaker units, 30/-. 25/-. Now 10/-.
 WB English cone speaker units, 10/-. Were 21/-.
 WB English cone speaker chassis, 7/6. Were 12/6.
 Morse code junior practice sets, 3/6 complete. Were 4/6.
 Volt meters, reading A and B batteries, pocket type, 1/11. Reduced from 2/6.
 Pilot single drum dials, 2/6. Were 21/-.
 Metal vernier dials, 1/-. Were 2/6.
 4XP Cossor valves, 1/6. Were 15/-.
 Midget back panel aero dials, 5/-. Were 7/6.
 44SU Cossor rectifying valves, 2/-. Usually 17/6.
 Radiokes circular travel spotlight dials, 2/6. Were 17/6.
 Radiokes straight vision spotlight dials, 3/6. Were 19/6.
 Knife switches, w/arrestor, S.P.D.T., 7d. Were 1/-.
 Cossor 610XP valves, 2/6. Were 15/-.
 Mullard DU10 or DU2 rectifying valve, 5/-. Were 17/6.
 Torch globes, 8 for 1/-.
 41MSG 4v. AC screen grid valves, 15/-. Now 2/6.
 Cossor 610RC battery valves, 15/-. Now 5/-.
 Clarion pick-ups, 25/-. Now 20/-. Complete with volume control.
 Bell ringing transformers, 6/6. Now 4/6.
 20ft. speaker cords, 2/3. Now 1/6.
 On-off battery switches, 9d.
 Osram MH4 AC valves, 1/6. Were 15/-.
 Pilot double drum dials, 5/-. Were 28/6.

Saxon 2-gang condensers, w/dial, 5/6. Were 14/6.
 Mullard PM22 valves, 8/6. Usually 15/-.
 Midget 30 ohm. rheostats, 3/6. Now 2/-.
 6 ohm. Marcol rheostats, 2/6. Now 6d.
 Chancery 100,000 ohm. potentiometers, 7/6. Now 1/6.
 S.G. valve clips, 6d dozen.
 Toggle switches, 1/-. Now 6d.
 Gramophone needles, 3 assid. boxes of 200 for 1/3.
 2-cell torches, 2/6.
 3-cell torches, 3/3.
 Small Switchless Type, 1/6.
 Valves—new and tested.
 57, 58, 2A5, 247, 30, 6C6, 6D6, all 11/6 each.
 42 and 2A6, 12/6.
 171, 55, 56, 10/-.
 280, 9/6.

Watch for Levenson's new store—3 floors—of all the best the whole world offers — radio, games, hobbies, electrical goods, coin operated machines and novelties.

Watch for the Big Bright Levenson's Radio, with its added departments of goods you always knew were available in other countries, but were unavailable here.

Levenson's Radio had to expand—the public built it by its support and we will never let it down.

Mail order customers—thanks for your great support in the past.

Levenson's have not forgotten this debt. All the most modern mail order methods will we incorporate in this new department; speed, service and value await you.

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Games, Novelties, and Coin-operated Machine Specialists,
 226 PITT STREET, SYDNEY
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WRITE FOR
 Pin-Game, Totem
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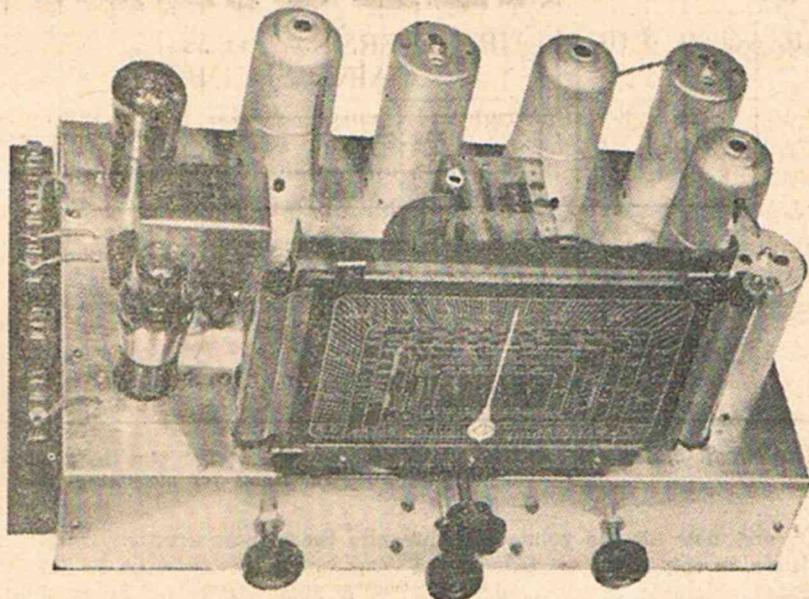
WRITE FOR
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*Phones M2525 and M2526. Goods forwarded C.O.D. Post or Rail Within N.S.W. Only (Not Interstate). We Welcome Prepaid Telegrams and Long Distance Phone Calls, Direct Line from Country, M2787. We can supply by Mail All General Merchandise at a Better Price. Quotations with Pleasure. Same Day Service Where Possible. Watch this advertisement weekly for goods new to this country.

THE NEW PENTAGRID SEVEN



A new receiver which on its features and performance will be a standard set for many months. It has been designed especially to suit the Air-cell as a source of filament supply, and has a very low battery drain. Other features make it a first-class set for the home-builder.



Here is the set from the front. Most of the components above the base are here visible.

IN our last week's issue we had something to say about designing battery sets, and promised that in this issue we would give the full details of a battery set which would be an outstanding performer, and at the same time have a very low A battery drain, making it an excellent receiver for operation from an air-cell.

Well, here it is, and we are well pleased with it. We have in the last week or two built and worked on several versions of the circuit, using different coil kits, and we think the design we have arrived at is an excellent balance of all the things a battery set needs.

The performance of this receiver is first-class. On the broadcast band, we literally lost count of the stations which we could tune in. It has enough sensitivity to do all one could wish for, and plenty of selectivity as well, two very important considerations for the battery-set user. Although we have reduced the battery drain to a very reasonable figure, we have not done so at the expense of general performance.

The various circuits we have tried have included receivers using an A battery drain from .49 to .59 amps. The higher the consumption in this case, the better the performance. The receiver described here uses .59 amps, which, as indicated, has the best performance of all the combinations we

LIST OF PARTS REQUIRED

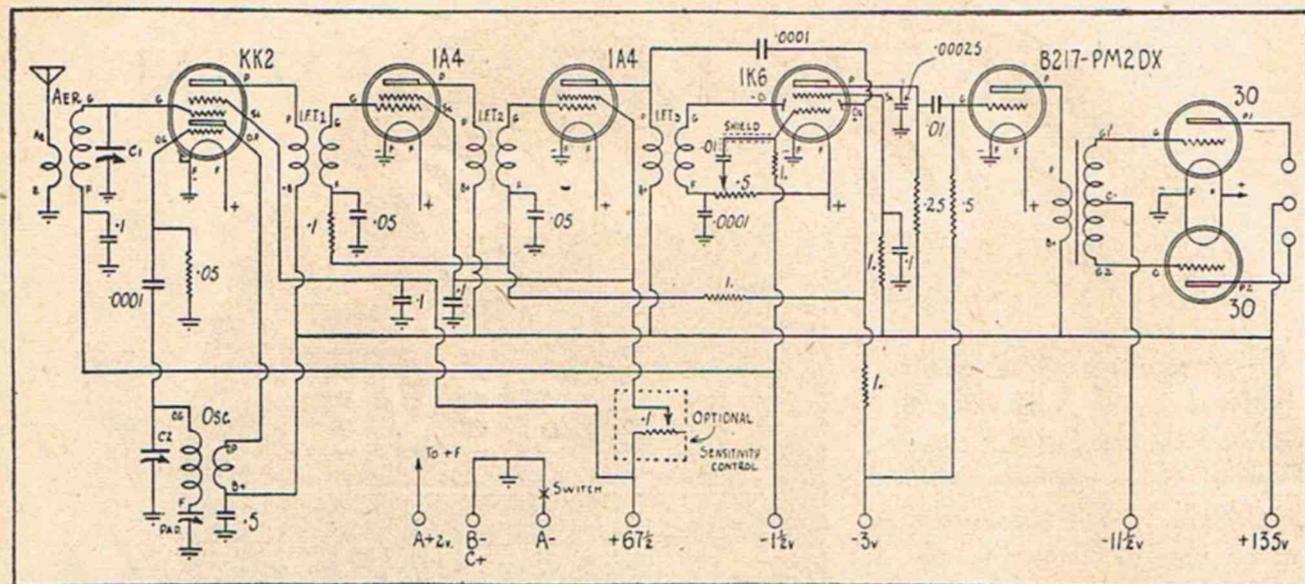
- Chassis, 15in. x 10in. x 3½in.
- 1 Coil kit (tuning box, 3 intermediates, low-gain, and padding condenser for broadcast).
 - 1 2-gang condenser to suit coils.
 - 1 Tuning dial, to suit coils.
 - 3 Valve cans.
 - 1 .5 meg. potentiometer.
 - 1 Battery switch.
 - 4 1 meg. resistors.
 - 1 .5 meg. resistor.
 - 1 .25 meg. resistor.
 - 1 .1 meg. resistor.
 - 1 .05 meg resistor.
 - 1 .5 mfd. tubular condenser.
 - 2 .05 mfd. tubular condensers.
 - 3 .1 mfd. tubular condensers.
 - 1 .00025 mfd. mica condenser.
 - 3 .0001 mfd. mica condensers.
 - 2 .01 mfd. mica condensers.
 - 1 B class audio transformer (battery type).
 - Sockets: 1 "P" type, 5 4-pin, 1 6-pin, 1 5-pin.
 - Valves: KK2, 2 1A4, 1K6, PM2DX or B217, 2 30.
 - Batteries: 3 45-volt H.D. B batteries, 15-volt C battery.
 - 1 Air-cell (or 2-volt accumulator).
 - Hook-up wire, 5-pin battery, plug and cable, valve clips, 3 knobs, 2 terminals, nuts and bolts, etc.
 - Speaker: Permagnetic for "B" class output.

have tried. We honestly don't think the difference of .1 amps between the top and bottom on the list will worry anyone very much, particularly as there is an appreciable difference between them in actual "pep" and general performance. Fundamentally, we wanted this set to fall inside the air-cell limits. This it does definitely, and it will give about 1100 hours on a single cell. On an accumulator rated at 60 a.h. it will give a theoretical run, on one charge, of 100 hours, which will vary according to the condition of the battery.

On B battery consumption, things are about the same as would be expected of a set of this size. It runs to about 10 mills with no signal, and up to about 15 or so on average volume. Actually, one set we built showed a resting current of 9 mills, and another 11 mills. Much depends on the individual set, and the individual valves one uses in it. The exact state of the B batteries, of course, must also be considered. However, on this score, the set is no better or worse than any other seven-valve job, as, of course, it could not be, using, as it does, standard valves.

We have spent a good deal of time with this circuit, and are quite sure that, properly handled, it can give really wonderful results. We ask all intending builders to read this article very care-

THE CIRCUIT



The circuit of the set. Special attention is drawn to the sensitivity control, which allows the set to be adjusted at all times for maximum gain.

fully, and note all the points brought out here, as only if the set is built and operated according to instructions will the best results be obtained. This, of course, applies to any set.

THE CIRCUIT

Now to the circuit. As hinted last week, we have an Octode frequency changer, followed by two stages of intermediate amplification. Then follows a diode-pentode second detector, and an audio driver, and a B class output stage, using a pair of triode valves. This makes the seven in all.

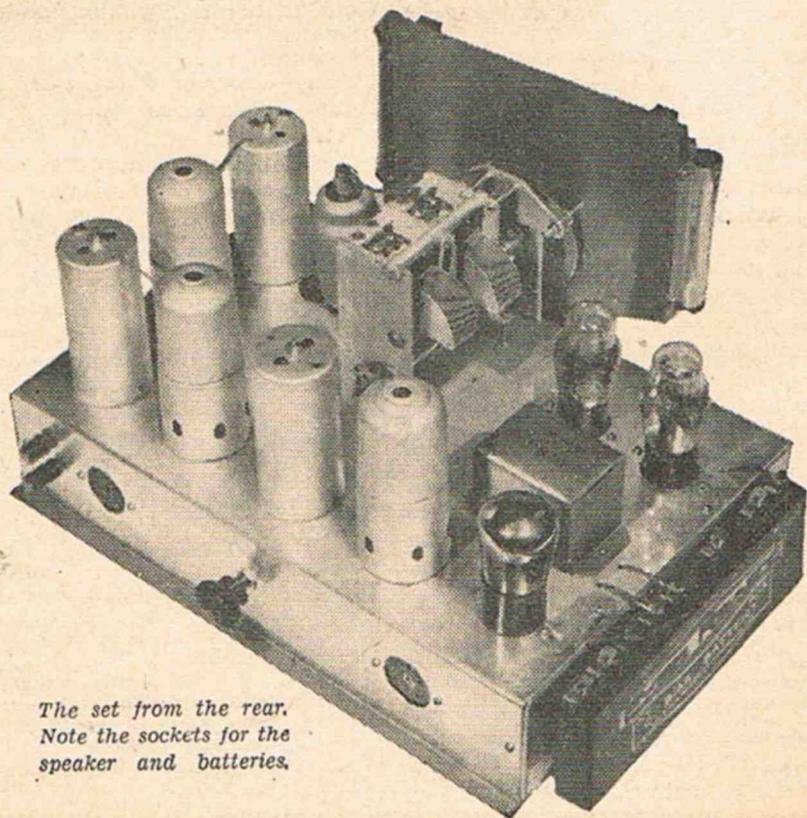
The set uses a dual-wave tuning box, and our problem then becomes to work out a circuit which could make the most of the short-wave and broadcast bands with the material we had on hand.

Now, as we have explained, there are many good dual-wave tuning boxes, built for sets without an R.F. stage, which are capable of first-rate results. Moreover, they don't cost nearly as much as tuning boxes having the R.F. section. On results, we decided to do without the R.F. stage, our results taking into account simplicity of construction and alignment, as well as price. Therefore, we start off with the KK2 Octode valve, possibly our favorite battery frequency changer.

The question of A.V.C. is one which ties up with all parts of the circuit. After considerable experiment, we found that the best all-round sensitivity was obtained when the Octode was operated without A.V.C., but with a fixed set of bias and other voltages, enabling it to

give the highest sensitivity at all times. One thing we do want in this stage is a high conversion, as so much of the over-all sensitivity, and particularly noise level, depends on it. When adopting the fixed operating conditions for the KK2, one of the things we considered was the frequency stability which is troublesome when the valve is subject to A.V.C. As the A.V.C. voltage varies,

it is impossible among other things to prevent a certain amount of frequency drift, and this becomes quite annoying on short waves. For a long time we have conformed to the maxim, "no A.V.C. on converters," and thus the KK2 works with a fixed bias of 1.5 volts, a fixed screen voltage of 67.5, and 135 volts on both oscillator plate, and the plate proper.



The set from the rear. Note the sockets for the speaker and batteries.

Nothing

else will do for the
PENTAGRID SEVEN

If you want the best results
ask for, and see that you get these

RADIOKES COMPONENTS



If the very best costs you no more and is just as easy to get everywhere, why bother with unknown, unbranded, unguaranteed lines? Insist on Radiokes.

These popular Radiokes Components for "Wireless Weekly's" PENTAGRID SEVEN are components that will automatically guarantee easy assembly and brilliant performance. There is not the slightest doubt that Radiokes Components set the standard of excellence unapproached in Australia. Their technical perfection and ex-

pert manufacture are a permanent guarantee of trouble-free service and constant satisfaction.

Follow the lead of Australia's largest radio manufacturers. Standardise your assembly on Radiokes. Even the smallest set is improved. You'll get MORE FOR YOUR MONEY with the Pentagrid Seven . . . better value, better performance, better appearance, and all-round improvement in everything. There is no substitute for Radiokes quality. ASK for and SEE that you get Radiokes.

COIL ASSEMBLY

Radiokes type DWA-10B. A special type dual-wave coil assembly supplied without gang condenser. The broadcast coils are Litz wound in "Pi" sections. For operation on 16-50 and 200-550 metres. Aerial and oscillator coils only are included. Easy to wire in. Quickly and simply aligned. Completely guaranteed. Adjudged by radio engineers as the finest coil assembly of its kind in Australia.

DIAL

Radiokes D.C.1 Colourvision World-range Dial Scale calibrated in metres for broadcast and short-wave bands with the principle Australian stations and International Short-Wave Bands clearly indicated.

I.F.'s

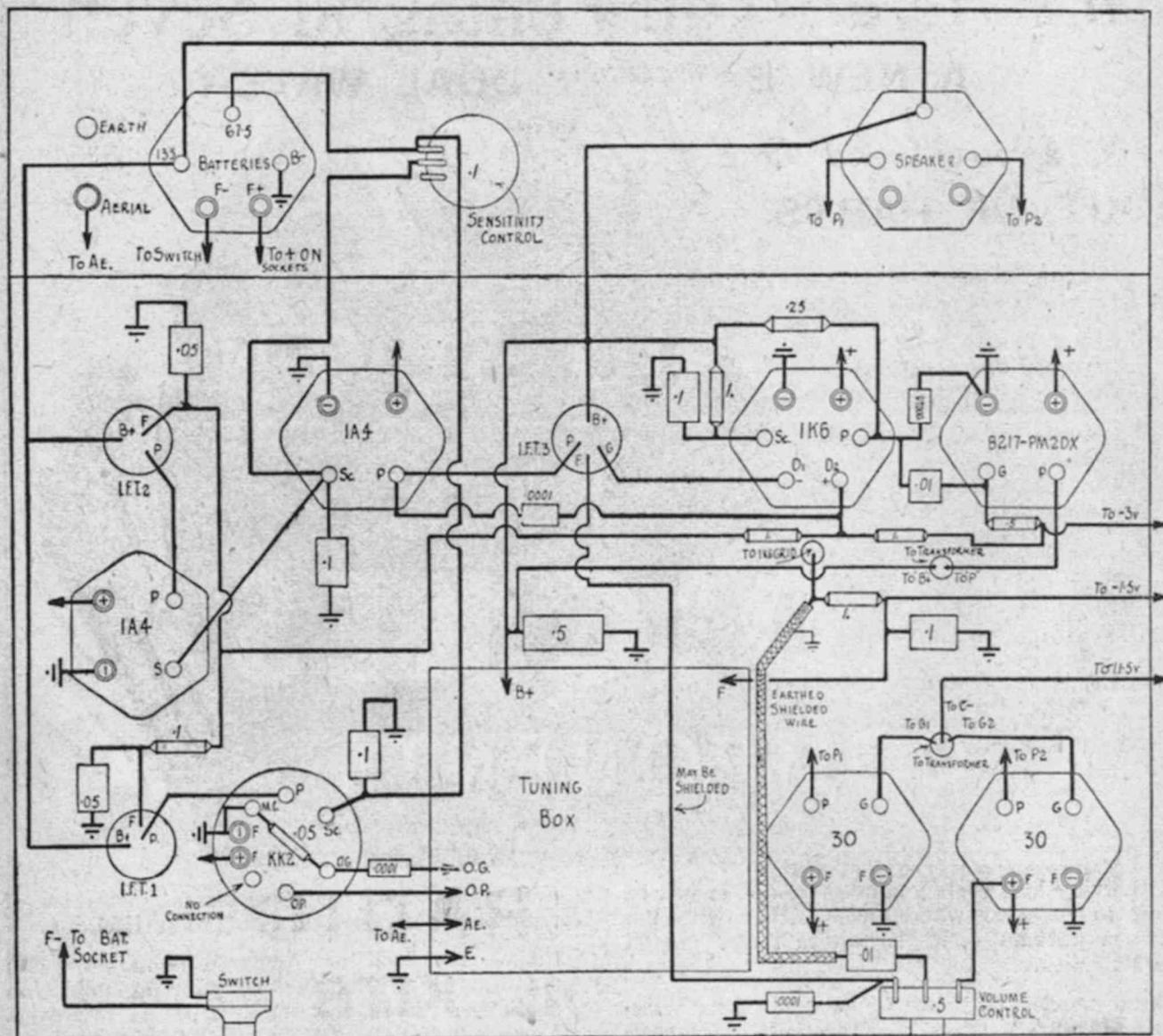
Radiokes type P7/465B. High efficiency I.F. transformers, designed for high selectivity and extra efficiency. Coils are Litz wound on low-loss tubing, and the large can diameter makes this a very efficient air core unit. Tuning condensers are of the low-loss Isolantite type. The Pentagrid Seven uses three of these fine I.F. transformers.

AUDIO

Radiokes type AFB. Extensive research into alloy cores and transformer designs, coupled with the fact that Radiokes have been making audio equipment for 12 years, has enabled the production of this transformer—second to none for performance and reliability. Expert knowledge and long experience is built into every unit.

AUSTRALIA'S LARGEST FACTORIES STANDARDISE ON RADIOKES

★ WIRING DIAGRAM ★



Here is the wiring diagram. The broadcast padder is included inside the box in many cases. If supplied separately, a special lead comes from the box to one side of the padder, which is mounted at any convenient point. The other side of the padder is earthed.

Now we come to the intermediate channel. The old Pentagrid Six, which also had two intermediate stages, used the 1C4 valves, and there is nothing wrong with these valves in practice, except that they need .12 amps each on the filament current. This, unfortunately, is too much, bearing in mind that we want that filament drain down as low as possible. So we have used in their place the 1A4 type, very similar to the 1C4 except that the filament drain is only .06 amps, and the valve requires a minimum bias of 3 volts, instead of zero, which is a possible operating condition with the 1C4. In practice, the overall gain appears to be about the same, once this 3-volt minimum bias

is allowed for. So you will see, the A.V.C. line eventually returns to the bias battery, at the 3 volts tapping.

A simple A.V.C. circuit is used, which is quite effective, and the set appears to be quite stable from this point of view. Its time constant is about the average, allowing the set to follow fading signals reasonably well. You will note that, although the KK2 valve has no A.V.C., there is still a bypass condenser at the grid return end of the tuning coil, particularly necessary to provide a low impedance path for R.F. on short waves.

THE SENSITIVITY CONTROL

A glance at the circuit and wiring

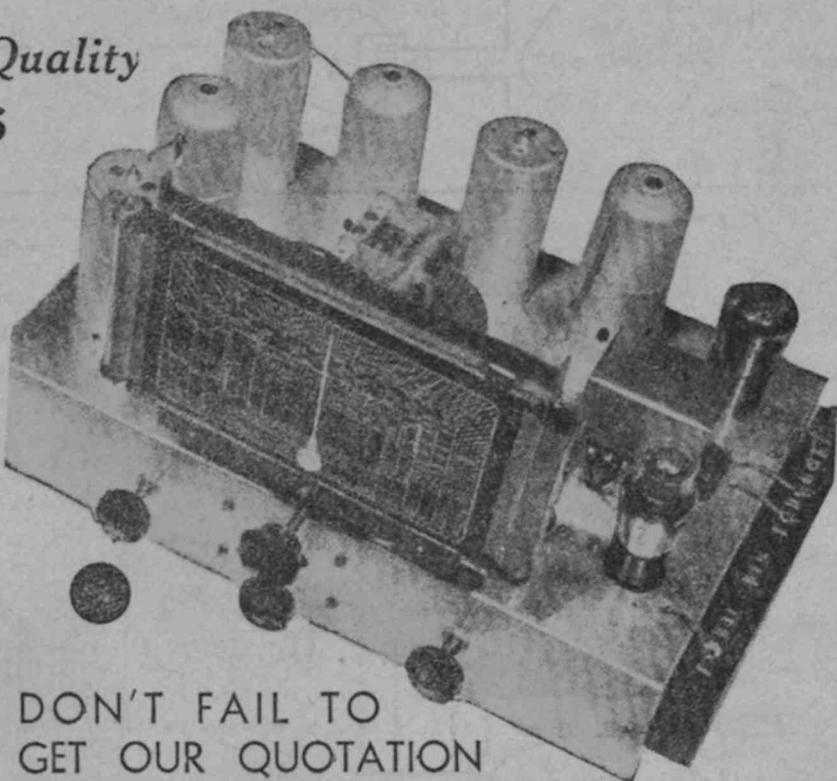
diagrams will show that in the screen leads to the two 1A4 valves there is a control marked "Sensitivity," and actually a .1 meg. potentiometer used as a variable resistor. This enables the operator to vary the screen voltage on the I.F. amplifiers, so that it is possible to strike a set of operating conditions allowing maximum gain with maximum stability. The gain of two I.F. stages is considerable, and there is always the possibility that the setting which allows highest amplification, for instance, on short waves, will not give the last bit on the broadcast band, and vice versa. Again, the average battery is tapped at 45 and 67.5 volts, but does not allow

It's Here! The Pentagrid Seven

A NEW BATTERY DUAL WAVER

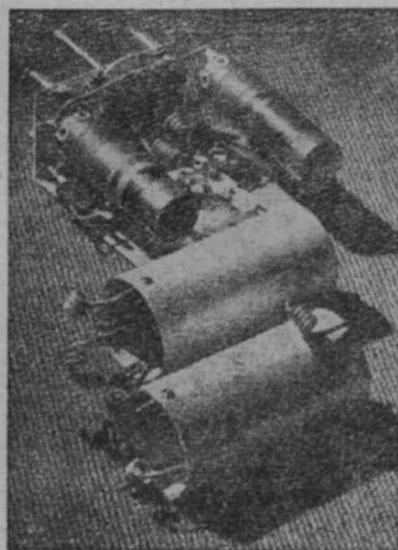
Note our Good Quality KIT OF PARTS

- 1 Specially drilled chassis.
- 1 Foxradio Deluxe Coil Kit Complete.
(this is the actual Kit as used by the Technical Editor.)
- 1 Stromberg-Carlson Gang Condenser.
- 1 Efco edgelit Dial calibrated to Foxradio Coil Kit.
- 1 Yaxley 500,000 ohm Potentiometer.
- 1 Alpha Battery Switch.
- 9 I.R.C. metalized resistors 1 Watt.
- 1 Chanex .5 tubular Condenser.
- 3 Chanex .05 tubular Condensers.
- 1 T.C.C. .00025.
- 3 T.C.C. .001.
- 2 T.C.C. .01.
- 1 Radiokes A.F.B. Transformer "B" Class.
- 1 Philips "P" Socket 7 Marquis Sockets, Belden Wire Screws, Nuts and Bolts, Solder, etc.
- 1 Full set Philips Valves.
- 1 Amplion-type .01 Permagetic Speaker.



DON'T FAIL TO
GET OUR QUOTATION

The highest quality parts at the lowest possible price.



FOXRADIO COIL KITS

Type DK1 465K.X. Comprising Dual Wave Aerial, OXC. 2 Iron Core 465 Intermediate. Guaranteed Perfect Reception. Knife edge Selectivity.

RETAIL PRICE 65/-

This Modern Coil Kit has been so designed to match the full range of Efco Dials, together with Stromberg-Carlson Type "F" Gang Condenser.

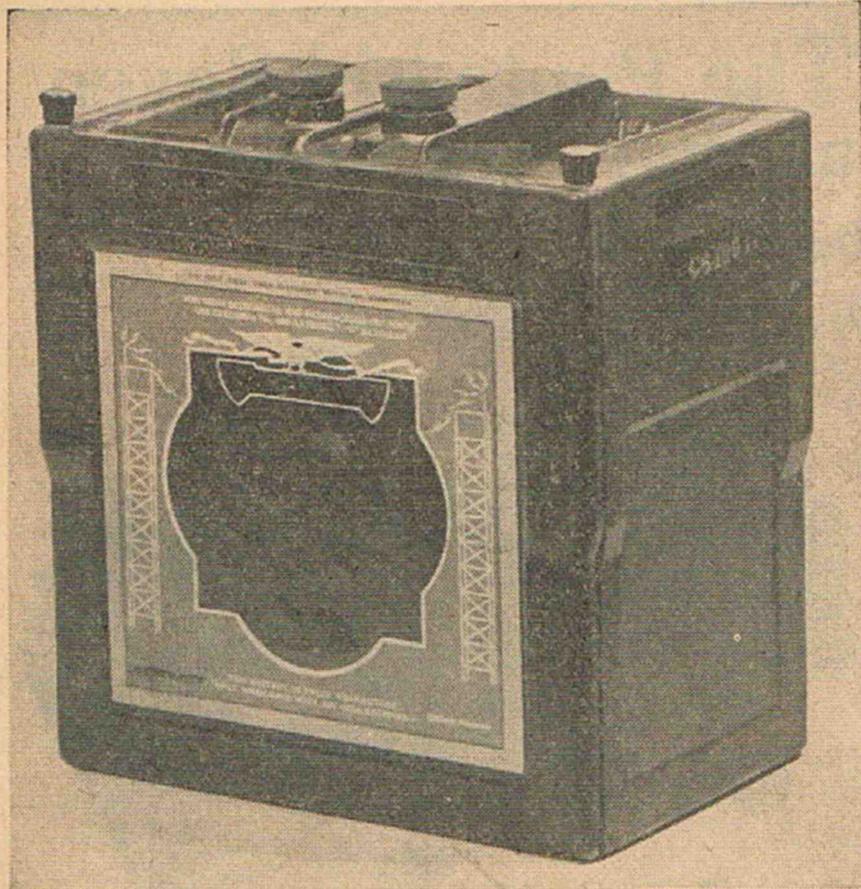
Note!

This coil Kit has been used exclusively by the Technical Editor in the construction of this week's set, the Pentagrid Seven.

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FOXRADIO

FOX & MACGILLYCUDDY, 57 York Street, Sydney. B2409



The Eveready Air-cell. It measures 10in. long, 6in. wide, and 10in. high.

for any voltage between these two. Consequently, should a certain set of coils provide not quite enough gain on 45 volts, and too much, even to the oscillation point, on 67.5 volts, one must commence a juggling with bias values, &c., in order to strike the happy medium.

In order to strike these best operating conditions on both bands, in A.C. sets, we often provide a sensitivity control, which in effect varies the minimum bias on the amplifying valves so that the operator can get the best from his receiver. In a battery set, it is not so easy to arrange for variable bias, and the screen voltage provides just as good a control, and one easily obtained. So in this we are merely following out a practice which we have found an excellent scheme for the home-builder, and applied it to our battery circuit.

One of our receivers operated just as well on each band, with a single setting of the screen voltage. In many cases, this may also be the case. However, in others it may not, and so, although we specify this control as optional, it would be well to include it, anyhow.

LOCAL DISTANCE SWITCH

Another point we might mention while on this matter of A.V.C. This set is designed primarily for the country, and so we have not bothered much about

the possibility of strong locals overloading the receiver. However, should it be operated near a strong station, or

several strong stations, we recommend the use of a local distance switch, which throws in a resistor of about 50 ohms directly across the aerial connection to the set and earth. Its effect is to reduce the signal input and thus stop this overloading effect.

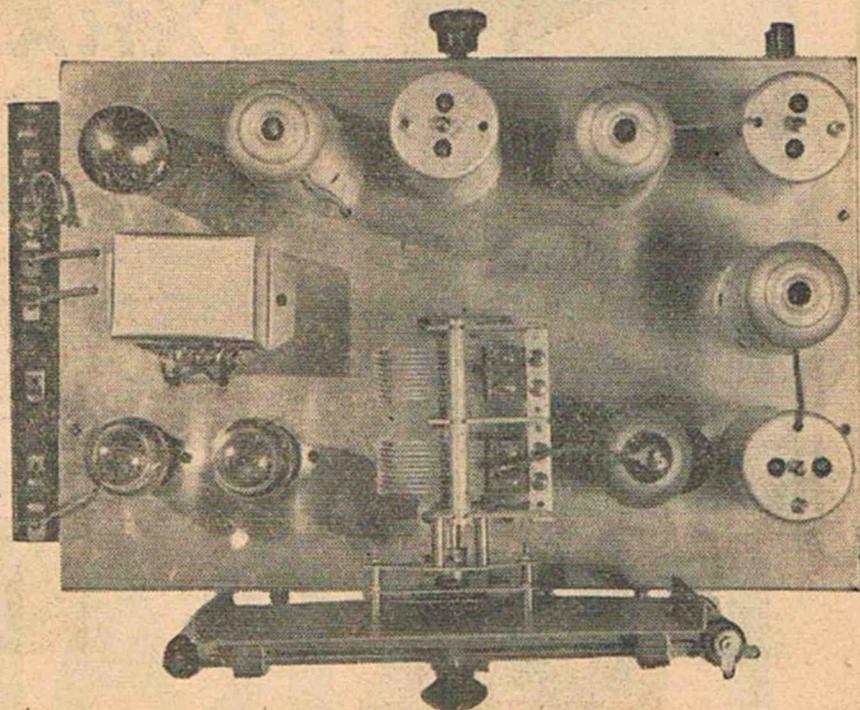
Many battery sets include this switch as standard equipment, but we are showing how it can be fitted if required, and the switch can easily be mounted at the back of the chassis.

As a matter of fact, the sensitivity and local distance controls could both be mounted on the front of the chassis, making five knobs in all. If it is found they are used very much, they can always be so mounted, if room is initially left for them. However, many people like as few knobs as possible on the front of the cabinet, so this is an optional arrangement. Their efficiency is the same, whether operated from the rear or from the front panel.

SECOND DETECTOR

Coming now to the second detector, we find it is of the duo-diode-pentode type; in other words, it has two diodes in the envelope, as well as a pentode amplifier section, used in this case as an audio amplifier.

This valve performs three functions. One of the diodes is used as a detector, and is coupled into the pentode section as an audio amplifier. The second diode is connected to the A.V.C. circuit to give the required A.V.C. voltage. It is operated with a fixed screen resistor, in accordance with its specifications, and

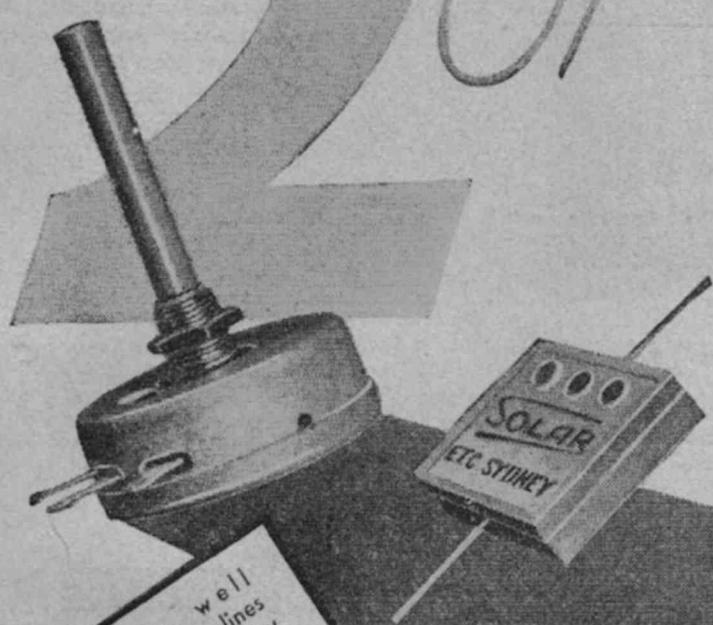


This is the chassis from above. As will be seen there is plenty of room for everything. Compare it with the plan diagram.

FOR USE IN THE BATTERY PENTAGRID

SEVEN

*Famous
Products*



Amateur constructors are well acquainted with these quality lines . . . recognised the world over by the prominent radio manufacturers as the leaders in their respective fields. Now manufactured in Australia, they are specially engineered to suit local conditions, giving high results and long service. Insist upon E.T.C. Solar Mica Capacitors and E.T.C. Yaxley Volume Controls. Also E.T.C. Solar electrolytic condensers and "Sealdite" paper condensers and E.T.C. Resistors.



Factory Representative:
EASTERN TRADING CO., LTD.
Sydney and Melbourne

YAXLEY
VOLUME CONTROLS

THE FOXRADIO COLOR CODE

Aerial (A.E.) Long Red.
Osc. Grid and Gang (O.G.) Green.
Aerial Gang, Yellow.
Oscillator Plate (O.P.) Black.
"B" Positive (B plus) Lug on Oscillator coil former.
Earth (F.) Lug on Aerial coil former.

INTERMEDIATES

Grid (G.) Green. Plate (P.) Black.
Earth (F.) Yellow. B Positive (B plus) Red.

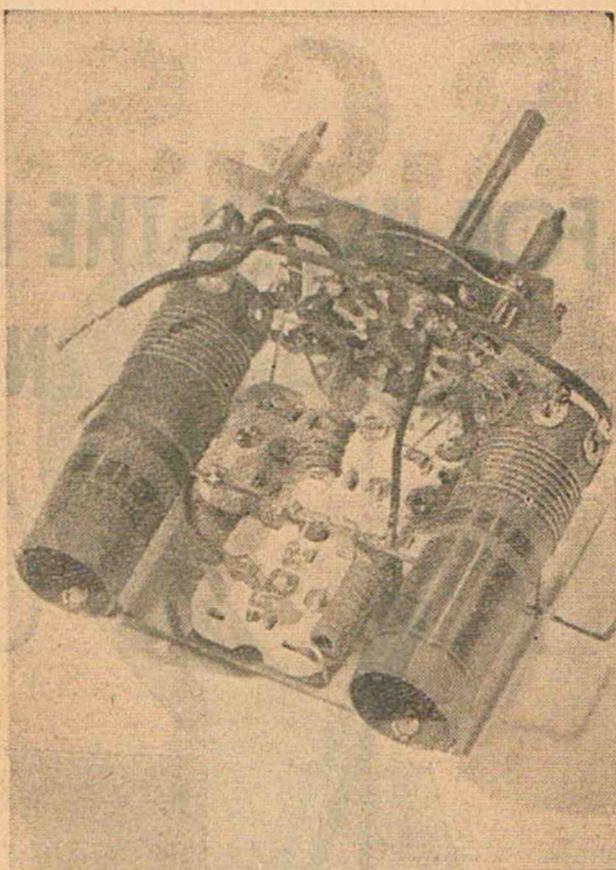
gives a very high gain from input to output. The voltage for the A.V.C. line is picked up from the preceding I.F. amplifier plate through a small coupling condenser.

The 1K6 is a .12 amps filament valve, but, as there is no other type which gives so much gain, we use it in this circuit, making up for its consumption in other portions of the receiver.

The audio driver is a B217-PM2DX type, with an amplification factor of 17. This compares with the 30 type, with a figure of 9.3, but at only .06 amps filament instead of .1. However, the extra gain which results from the use of the higher gain valve we considered worth while, and therefore it is included in the line-up.

Quite a big saving is made in A battery drain in the B class output stage by using a pair of 30 valves, instead of the 19 usually employed here. The

The Foxradio coil box for the Pentagrid Seven



actual results are very much the same as with the 19, the only disadvantages being that a bias of about 11.5 volts is required against 3 to 4.5, and that two valves are needed instead of one. However, as the 19 needs .26 amps against .12 for both the 30's, we have no option but to make use of them. Despite the convenience of the single valve, many manufacturers have always

kept to the 30 valves, because of their lighter A battery drain, and, as we have said, the output and general quality remains about the same.

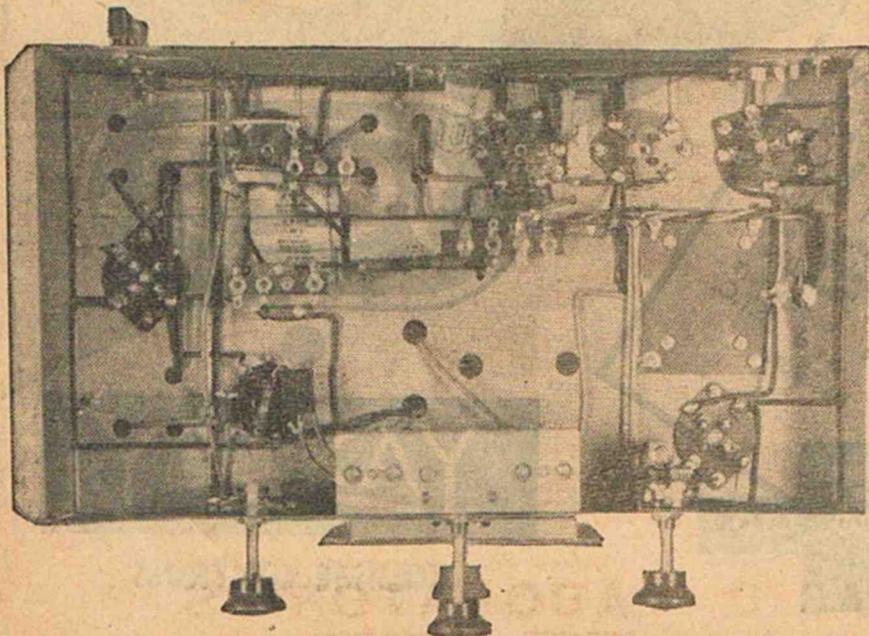
The same B-class transformer as is used for the 19 valve will be suitable for the two 30's, so there is no need to worry on that score. There are plenty of makes available.

CONSTRUCTIONAL

The first step in building the set is to procure the parts. Therefore, we will run through them, noting any points which should be watched in buying.

The base may be either of steel or of aluminium. If you buy it ready-drilled, it will probably be of steel, but if you cut it yourself, it should be of aluminium. Aluminium can be drilled easily, and the socket holes cut with an ordinary 1 1/4 in wood-bit, the metal being lubricated with pure turps., obtainable from the chemist's. Three holes are drilled for the socket—two for the mounting holes, and one in the centre for the bit, when cutting the hole.

We have specified a base size which will accommodate any of the coil kits made and sold at present. These almost without exception are mounted on a small bracket which is bolted underneath the base, as indicated in our diagram. These bases vary a good deal in size—some are big and some are small bracket, which is bolted under the largest of them, so if there is some

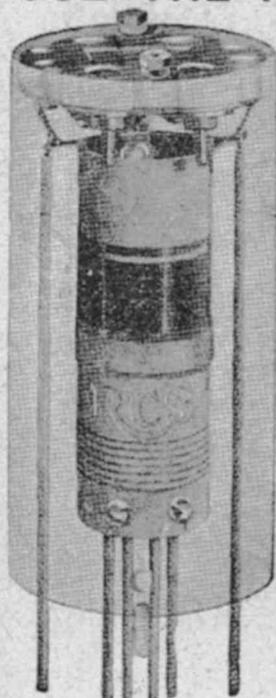


The underside of another chassis we built with a different coil assembly.

R.C.S.

- FINEST ENGINEERING
- FULLY SHIELDED COILS

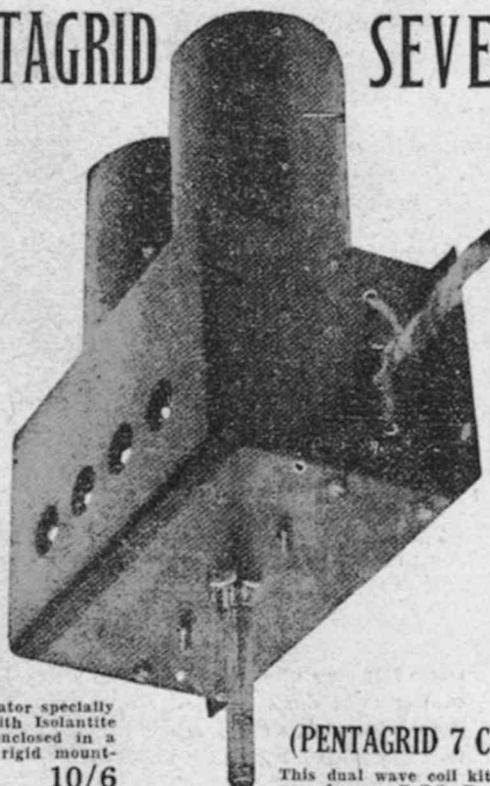
USE THE HIGHEST QUALITY R.C.S. PARTS FOR THE
PENTAGRID SEVEN!



R.C.S. tuning coils . . . Aerial and Oscillator specially wound on high-grade grooved formers with Isolantite type base. Trimmers and padders are enclosed in a large non-damping shield, designed for rigid mounting. Ask for coil type 55.
Price, retail **10/6**

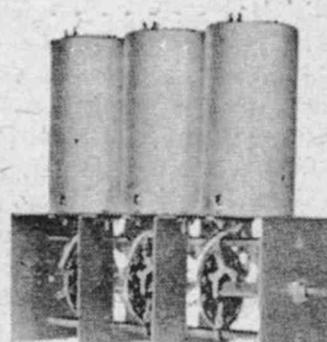
IRON CORE I.F.'s.

These precision wound iron-cored I.F.'s. for 460 kc. provide extremely high gain and selectivity within the practical limits of usage. The litz windings are Vacuum Impregnated, ensuring long life. Isolantite Type Base. Type 71.
Price, retail, each **9/-**

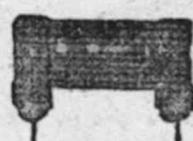


(PENTAGRID 7 COIL KIT)

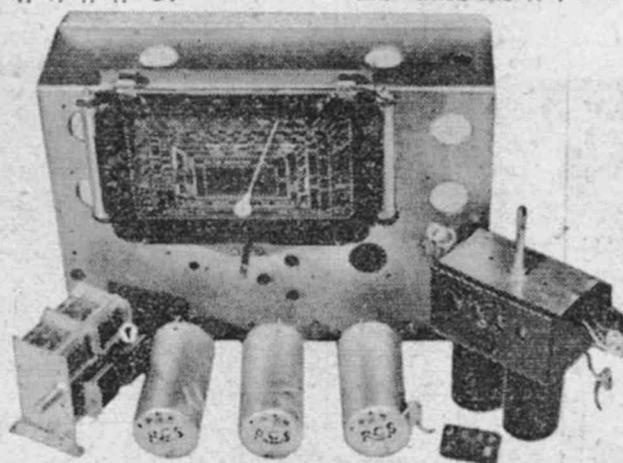
This dual wave coil kit includes the now famous R.C.S. Dual Wave Coil Box, three iron-core I.F.'s, and padder. Not hopeless tangle of wires to connect. All coils are completely shielded and the box is simplicity itself to mount. The astounding efficiency of this kit will more than satisfy you. Ask for Type K55 Coil Kit. Retail price . . . **£3/10/-**



R.C.S. DUAL WAVE BOX IS A FULLY ENGINEERED PIECE OF APPARATUS.
(1) It uses standard broadcast coils (not midjet coils).
(2) It is fully shielded, eliminating cross modulation from nearby stations, as occurs when coils are not fully shielded.
(3) Trimmers solidly mounted and very accessible.
(4) One hole mounting.
(5) Fully color coded.
(6) Short-wave coils and switch shielded and mounted on heavy polished brass bracket.
(7) Broadcast coils mounted in heavy aluminium shields.
Type DW.45 Coil Box. **£2/5/-**
Retail price



(Air Cell Resistors)
For converting your set to air-cell operation use an R.C.S. specially-wound resistor. When ordering, specify the valves in your set and leave the rest to us. Wound to order. **5/-**
Price, retail



(FOUNDATION KIT)

R.C.S. Foundation Kit for Dual Wave Pentagrid 7. This kit comprises chassis, two-gang type F Stromberg condenser, dual wave coil box, three iron-core I.F.'s, and the very latest type Two-Glass Edge-lit Dial with stations marked, and padder. Type K55F. **£6/5/-**
Price, retail



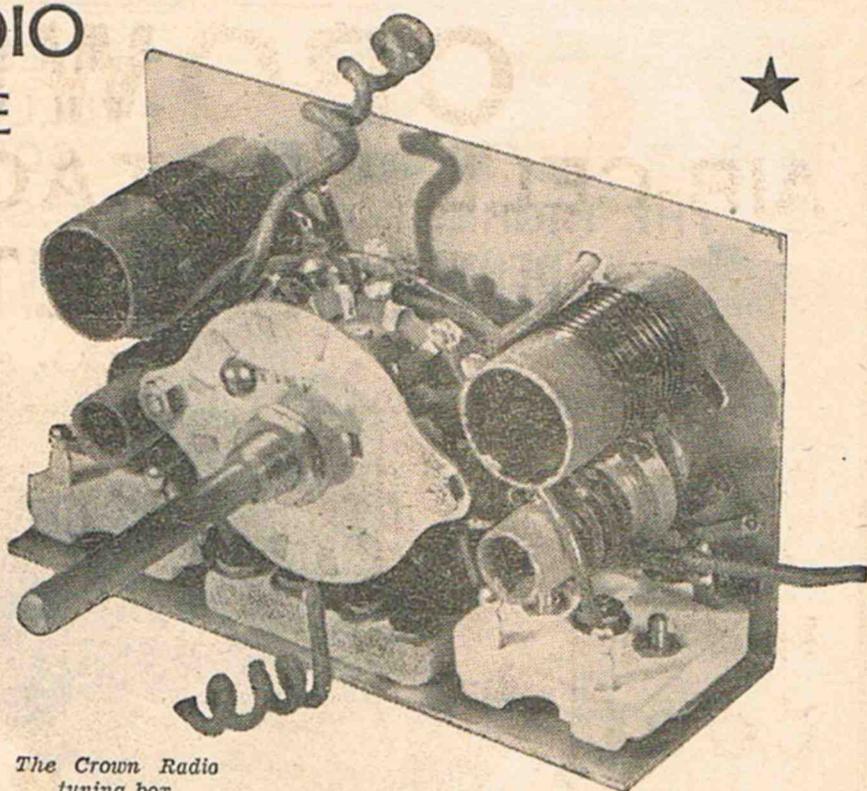
Vacuum Impregnated Class "B" Audio Transformer — Type T.B.1
Overall ratio 1.5 to one — primary and secondary windings specially pie wound to give even voltages on each side. All coils specially impregnated to prevent "burn out" through moisture. Ample core of high-grade steel provided, earth potential, free from electrolysis. Colored leads make connecting easy. **13/6**
Price, Retail

If these parts are not obtainable from your local dealer get in touch with:

R.C.S. RADIO LABORATORIES
21 IVY STREET, DARLINGTON, SYDNEY. 'PHONE MA6041-2

CROWN RADIO COLOR CODE

Aerial (AE) - - - - -	Green
Earth (E) - - - - -	Frame of Box
Grid of KK2, also Aerial Gang	Brown. (Back of Box.)
Oscillator Grid (O.G.)	Black. (Back of Box.)
Oscillator Plate (O.P.)	Yellow.
B minus - - - - -	Brown
A.V.C. (F) - - - - -	Black
Dial Lights - - - - -	(Twisted together)
Common - - - - -	Red
B/C - - - - -	Green
S/W - - - - -	Yellow



The Crown Radio tuning box.

RADIOKES COLOR CODE

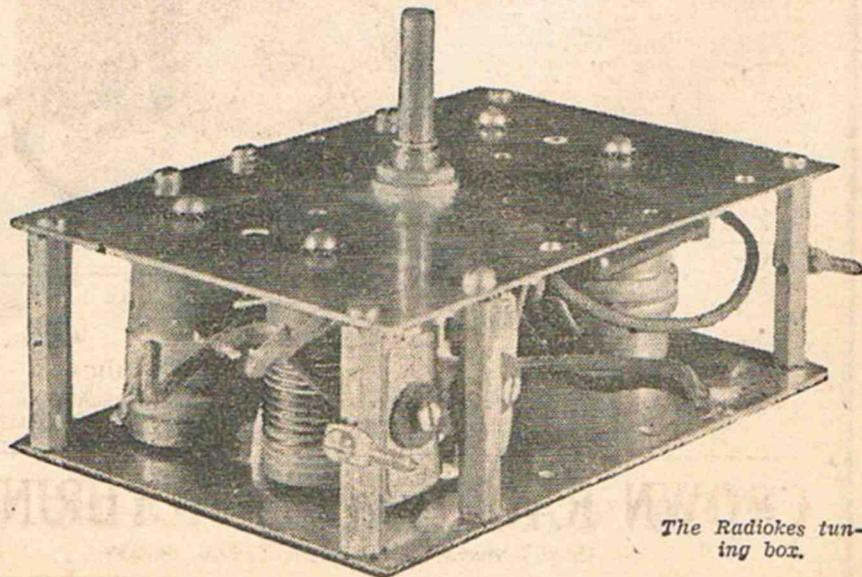
OUT OF TOP - To gang condenser	
Green - - - - -	Oscillator gang
Black - - - - -	Aerial gang
OUT OF BACK	
Red - - - - -	Aerial (AE)
Green - - - - -	Earth (E)
Yellow - - - - -	B plus 135 volts (B plus)
OUT OF SIDES	
Red - - - - -	Osc. plate (OP)
Green - - - - -	Osc. grid (OG)
Black - - - - -	A.V.C. (F)

space left over when you mount up your tuning unit, don't let that worry you. Some of the units are one-hole mounted, and some have bolts instead, or in addition. The actual size and shape doesn't matter—they are all good these days, and all you have to watch is that the tuning unit is specified as suitable for this set. The rest is up to the manufacturer.

The intermediates which go with the coil kit are of the low gain type.

Don't try to build the set with three high-gain, iron-cored intermediates, because you will be up against trouble if you do. There is no need for high gain in these transformers, because the two stages will give you all the amplification you can handle.

One of the sets we built used three straight intermediates of the low-gain, air-cored type, and they had all the lift we could desire. Of course, it doesn't say that all iron cored inter-



The Radiokes tuning box.

CROWN AIR-CELL PENTAGRID "7" KIT-SET

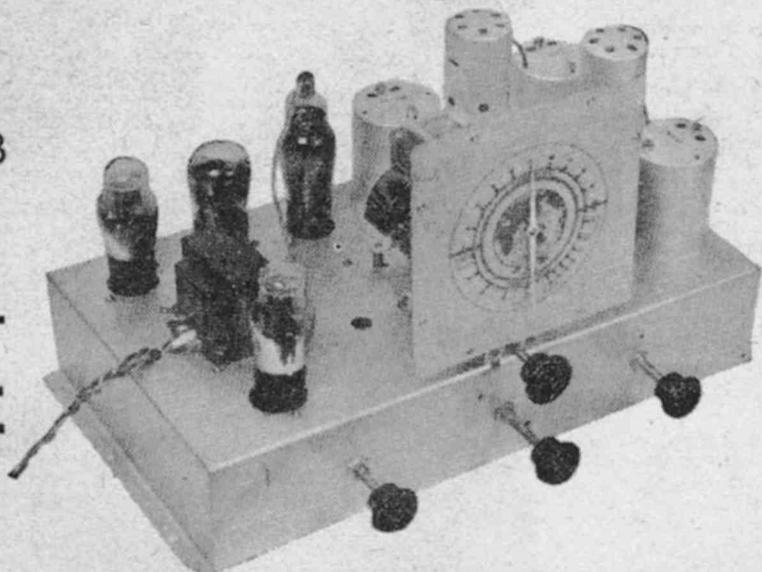
TYPE KS-D7B

Price £11'10/-

featuring:-

**IRON-
CORE**

**Broadcast
COILS**



Bring the entertainment centres of the entire world to your home with guaranteed certainty, with the Crown KS-D7B D/W Pentagrid Seven.

We confidently guarantee the absolute ultimate in country reception with this latest release of the Crown Radio Laboratories, featuring as it does the very latest development in Iron Core Coils, and specially designed Intermediate Transformers.

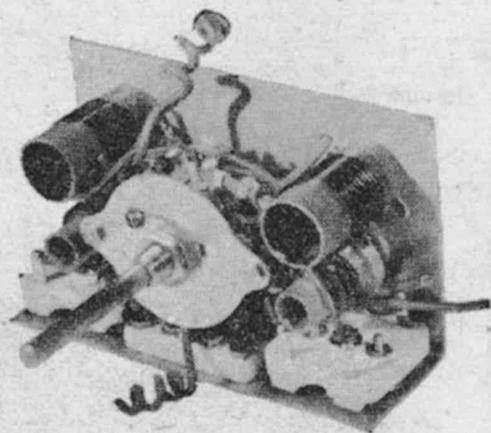
Valves, Cabinet and Speaker are the only additional items required with the KS-D7B, everything else including full instructions being supplied, down to the last nut and bolt.

CROWN FOUNDATION KIT

Type KO-2B now £6/12/6

For those builders not requiring the complete Kit Set, or who may require to rebuild an existing receiver, the Crown Foundation Kit, type KO-2B is ideal. Obtain the superb performance that only Iron Core Coils can give, and be sure of perfect dial tracking, by using the essential components co-ordinated in the form of the Crown Foundation Kit, type KO-2B, comprising:

- 1 Dual-Wave Coil Unit.
- 3 Intermediate Transformers.
- 1 D/W Dial Calibrated to suit Kit.
- 1 Ready Punched Chassis, as used in KS-D7B Kit Set.
- 1 Stromberg-Carlson F2 Gang Condenser.



CROWN DUAL WAVE COIL KIT

type IDO-2B now £2/9/6

As supplied with KS-D7B Kit Set.
FEATURES:—

- Iron Core B/C Coils.
- 16/52 metre S/W Coils.
- Frequentite Insulated Trimmers and Padder.
- Yaxley D/W and Dial Switch.
- 3 specially designed I.F. Transformers.
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CROWN RADIO MANUFACTURING CO. PTY. LTD.

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MW2628 (3 lines).

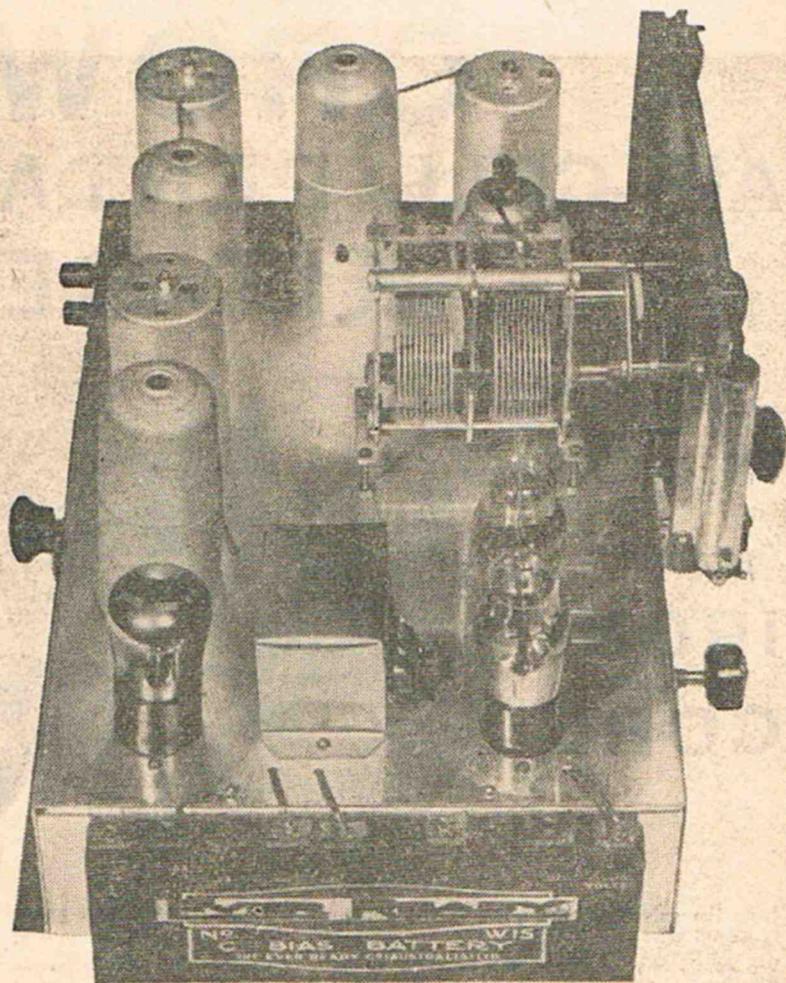
mediates are high-gain types. There are other advantages these cores have, but those used in this receiver are not the same as those, for instance, used in the Pentagrid Four, where only one I.F. stage calls for a high-gain type of intermediate. The main thing to watch is that the intermediates you buy are definitely specified by the manufacturer as being suitable for this set, whether iron-cored or not.

The coils you buy will no doubt be made to match a certain type of gang condenser, which will be specified, also. It is hard to go wrong here, because, as a rule, the coils will all be made to suit one popular type of condenser. The same thing is true of dials—these are generally made to suit the gang also, and many coil manufacturers also make, or specify, dials suitable for use with their kits. On this score, the constructor has a fairly easy choice.

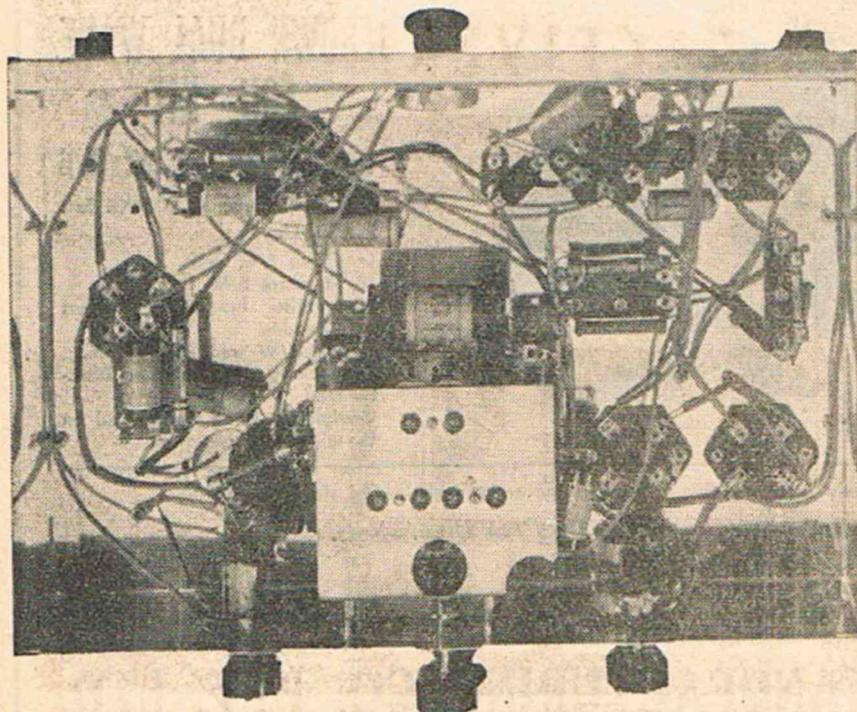
Coming to the small bits and pieces, we can't advise much, except to buy makes which are well known, and which have a good maker's name behind them. Cheap and nasty always did mean just that, so use your discretion on this score. A well-known maker's name on your valves is, again, a good guarantee of satisfaction.

WIRING UP

Having everything ready, the next step is to mount up all the components. This isn't a hard job, as they should all fit, and those that don't are made to. The sockets may be first bolted, then the coil units and intermediates. Often it is a good idea, before commencing even these first steps, to mount the gang in place, and test the fitting of the dial. Often it is necessary to mount the condenser up off the chassis with four long bolts, so that the dial may be more easily mounted. Note that it doesn't matter if the dial projects a



A side view of the set. Points which can be seen include connections to the C battery. It's not quite clear, but the 3 volt terminal is connected to the chassis.

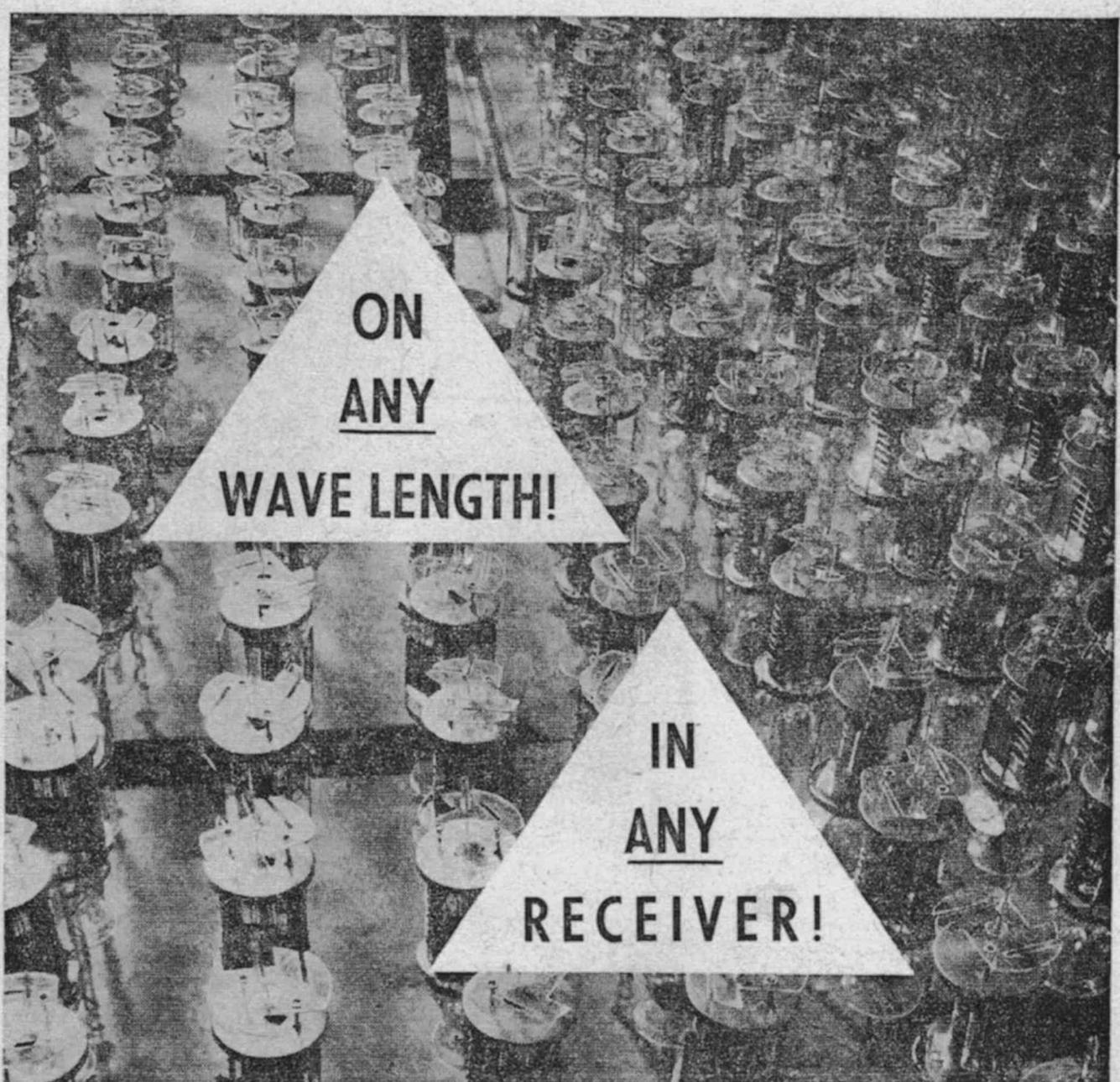


Here is the same chassis from below. A general idea of the position of components will be obtained from this.

little from the chassis edge, as extension shafts are readily available should the other controls fall short of the tuning shaft. And before bolting the gang into place, don't forget to drill a couple of holes under each section of the gang for the leads to pass through the chassis.

In wiring, we suggest that you do the filaments first of all. The earthed terminals of each may be connected to a solder lug screwed under one of the bolts holding the socket in place. All leads having the earthed sign attached in our wiring diagram should be connected this way. In the case of a steel, sprayed chassis, make sure the paint or spray is clear of the metal, so that good connection is assured. In many cases it's a good scheme to connect all these earthed points together with heavy 'busbar, and connect the lot to the earth terminal.

You will notice that many of the small parts are mounted on little insulated strips, having terminals at their ends. These are held between two nuts on a long bolt, which also holds down a valve socket, or performs some other useful work. This method of construction is a great help in keeping the wiring clean, as it is not always easy to connect the resistor or condenser to



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You'll get better reception with

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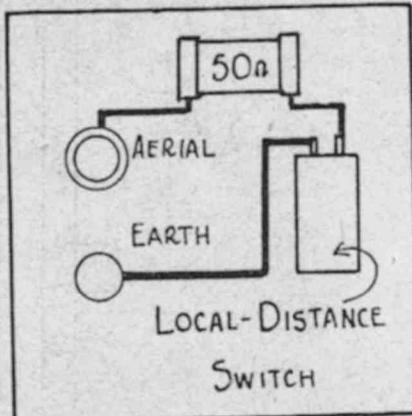
the two points simply by the leads provided, nor is it always desirable. Aim to have the components and wiring solid enough almost to stand the whole weight of the chassis if used as a handle.

There is no need to insulate any of the controls, as they are of a type which generally are already insulated from the mounting shaft. Only two leads really need shielding—one from the 1K6 grid to the volume control, and the other from the volume control to the I.F.T. No. 3. This last does not always need shielding, but it's a good idea to do it in any case.

We need hardly point out that the wiring diagram provided is not meant to indicate the exact position of every component and wire. This would not result in a very clear diagram. However, it shows the various points connected together as they will be by wires taking approximately the same routes, and the components are approximately in their right positions. It really doesn't matter whether a bypass condenser points due north or south-west, as long as it actually connects to its right points in the circuit. In our diagram we have simply attempted to give a clear pictorial representation of the components and wiring.

Note we have used a few arrows on the ends of short leads as the alternative to running the leads full length and confusing things. Thus all the filament positive terminals are connected together, and also to the positive terminal on the battery socket. The loud-

speaker socket also has two connections, P1 and P2, to the 30-valve sockets. The aerial connection and the lead to the battery switch are also shown in this manner. The constructor is to join the



This is the connection of the local-distance switch. When in the "On" position, it connects a resistor of low value from aerial to earth. A resistance of 50 ohms is suitable as a rule. The switch may be mounted at the back of the chassis, or at the front.

points indicated by the respective arrows as being meant to connect together.

To the right of the diagram will also be seen the leads that run through the base to the B-class transformer. The arrows at the extreme right are the con-

nections to the C battery, which is mounted at the side of the chassis.

ADJUSTMENT AND OPERATION

The set having been wired and checked, the next step is to connect and switch on.

Connect the battery cable first, and turn on the filaments. If the valves do not light up with a very dull glow, find out why. It is unlikely that you will have trouble with battery connections if you make sure the valves are lighting first of all. If the A battery is definitely connected, there is less chance that you will connect the B battery instead!

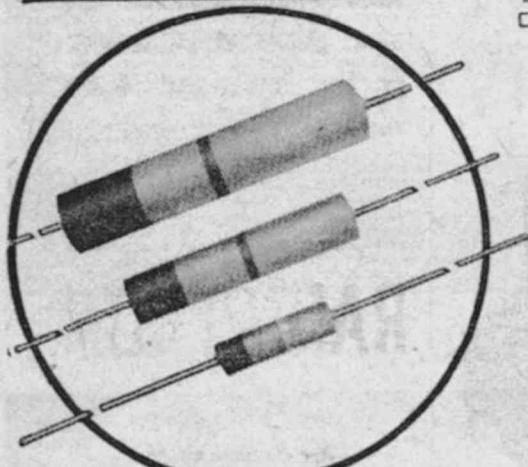
Now plug in the speaker, and connect first the B minus, then the 135 volts and then the 67.5 volts. It is a good thing to run the B minus connection through a small torch bulb, which will act as a fuse should you get things mixed up. Many sets use such a fuse as a permanent connection.

Assuming all is in order, on rotating the dial in the broadcast switch position, you should hear some kind of a station. We suggest that you start off with the trimmers for oscillator and aerial slackened off, and the padder screwed fairly well in.

If you can locate 2SM, or some station down on the dial, adjust the oscillator and aerial trimmers until you get it at best volume. The idea is to so set the oscillator trimmer that the station corresponds with its marking on the dial. This is a handy way of making sure

Types F and BT

I.R.C. Metallized Resistors



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 Type BT 1w at - - - - - 1/3
 Type BT 2w at - - - - - 2/-

Use I.R.C. noiseless Type F & BT Insulated Resistors in your

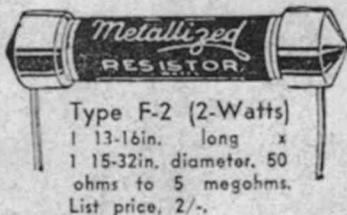
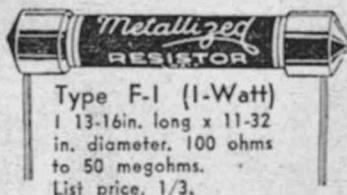
Pentagrid 7-Valve Battery Receiver

as specified by the Technical Editor of "Wireless Weekly."

Owing to their unique design, I.R.C. Resistors are capable of handling 50% to 100% overloads of normal ratings for long periods with only nominal change in value.

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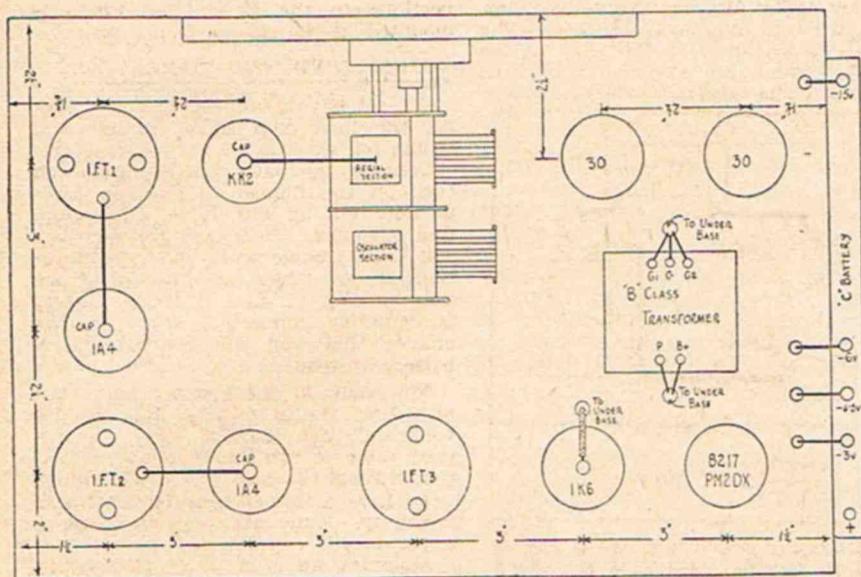
Type F 3w at - - - - - 3/6

Write for I.R.C. Handbook giving full details of I.R.C. operating characteristics.

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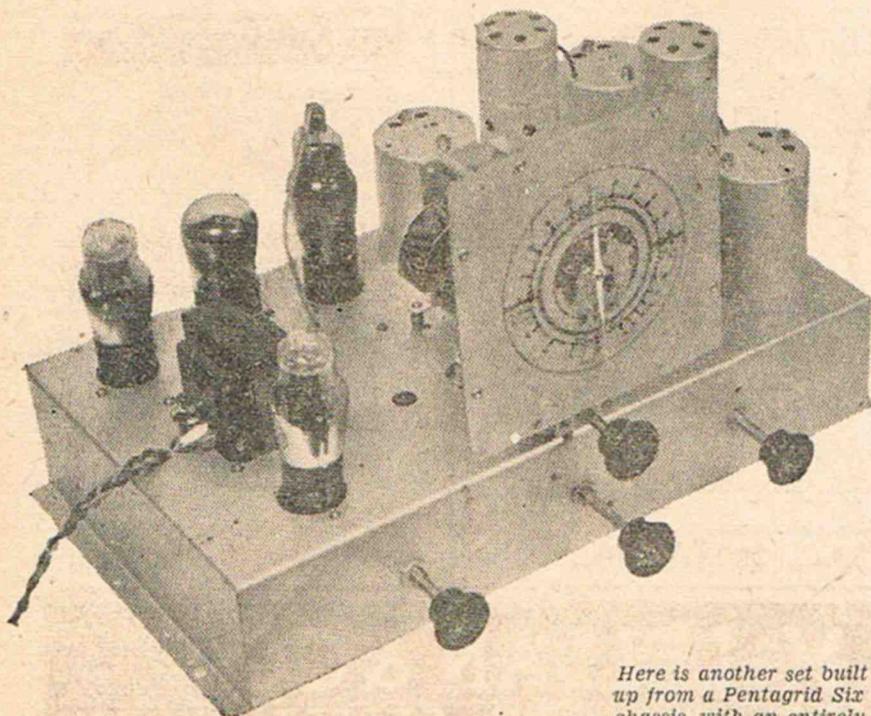
This diagram gives the dimensions of the base as used in our original receiver. These, of course, may be taken as a guide. Note also the "C" battery connections.

that you are getting somewhere right from the start. It is the oscillator trimmer which will move the station round on the dial and the aerial trimmer should be adjusted so that it "peaks" in step.

Now swing to the top of the dial, and look for 2FC or some other station up there. Note his dial position. If he is too high up on the scale, screw down the padder until he comes down to his

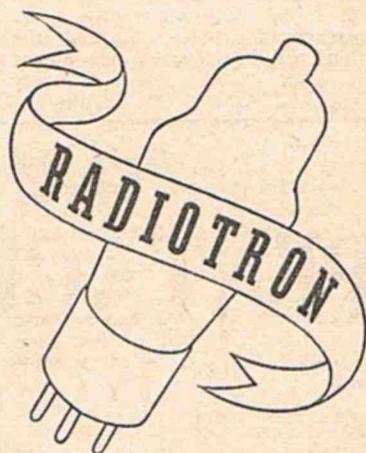
position. The signal strength should increase as you do this. If he is too near the centre of the dial, unscrew the padder until he comes into line.

Now swing back to the lower end of the dial, and make a further check on dial positions. Fine trimming should be done on a weak, but steady station at the bottom of the dial, and if you have made the right padder adjustment, it should hold O.K. over the full scale.



Here is another set built up from a Pentagrid Six chassis, with an entirely different coil kit.

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Advertisement of Amalgamated Wireless Valve
Co. Pty. Ltd.

It's really a simple procedure, and five minutes' practice will teach you more than half-an-hour's talk.

On short waves, the job is even easier. Screw the oscillator trimmer fairly well in, and adjust the aerial trimmer until you can hear an "aliveness" coming from the speaker. At this stage you will probably be able to tune in a station on 19, 26, or 31 metres, or even the 20-meter amateur band may give you a marker. Adjust the oscillator trimmer until the station you hear falls in its corresponding "band" marked on the dial, and peak the aerial trimmer to

suit. As a rule, the oscillator trimmer should be screwed fairly well in, and the aerial trimmer will, no doubt, peak before it is screwed down so hard.

VOLTAGE ADJUSTMENT

You will probably find that for the short waves, the full 87.5 volts on the screens is the best setting. On the broadcast band, you may find that the set will whistle when tuned in. If so, ease off the sensitivity control until you strike an adjustment, which stops the whistling, but gives plenty of gain. Here again it is only practice that can help much, but there is nothing at all diffi-

cult about it—even simple tuning operations sound hard when put into words.

Again, you will probably find that the set still has plenty of punch on the stronger stations with the sensitivity control very much retarded, and has the advantage of being quiet to tune between stations. There is no harm in leaving it thus, except when long distance is desired—in fact, there is a slight advantage to be gained in rather less B battery drain.

The value of the bias applied to the tapping marked 3 volts also has a fair bit of effect on the set's sensitivity. We have arranged things so that these bias values fit in nicely, but should you have any trouble in preventing oscillation due to unsuitable intermediates, this bias can be increased to 4.5 volts without detriment, and with slightly less B battery consumption. However, no change in the bias voltage should be needed.

Talking of bias, the 11.5 volts on the B class valves refers to operation with new B batteries giving full voltage. Should these give less than 135 volts, as they will after a few months use, this voltage can be dropped to 9 volts. Incidentally, we obtained our bias voltages from a 15-volt C battery, by treating the -3 terminal as C plus. Then the 4.5 volt terminal gave us 1.5 volts bias, the 6-volt terminal gave us 3 volts, and the 15 volts terminal, 12 volts. We have marked our diagrams 11.5 volts, because this is the recommended figure by the valve makers. The extra .5 volt doesn't matter much.

Rather greater volume, and, possibly, better tone, will be obtained by using 9 volts bias right from the jump, but don't do it—the B battery consumption will then be very high. For B class conditions, it is essential to overbias the valves as per the circuit.

AIR-CELL OPERATION

As we have said, this set has been designed so that its battery consumption falls inside the limits for the Air-cell. But it is necessary to use a small resistor in series with the cell, which gives initially rather more than two volts.

The current consumption of the set is .59 amps., and the exact value of the series resistor to be used is .52 ohms. Although this is the exact value, we should imagine that a resistor of .5 ohms, which would carry .75 amps., to be on the safe side, would be suitable. This resistor is included in one of the leads to the air-cell, it doesn't matter which, and left always in circuit. This is the only precaution to be taken when using the Air-cell, as far as the circuit is concerned.

If the set is used with an ordinary 2-volt accumulator, no series resistor is needed.

The B batteries should be of the heavy duty, or triple duty type. The C battery may be an ordinary 15-volt C battery, and, for convenience, it may be clamped to the side of the chassis with a metal strap.

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AERIALS AND EARTHS

Although to some it may appear to be a very simple subject, we still get plenty of readers who do not appear to know just what they should do about aerials and earths. So possibly it might help some if we give our ideas of what we would do.

In the matter of aerials, we would stress that height is the most important dimension of all. A long aerial only a few feet from the ground is not likely to be nearly as good as one of only medium length strung well up into the air.

We are not very keen on long aerials, although in some cases, their extra pick-up is enough to overcome other disadvantages. An actual aerial length of 60 feet is generally plenty to provide a good signal pick-up as long as it is well up in the air.

A long aerial must inevitably have a heavy loading effect on the first tuned circuit, and this is by no means desirable in the interests of selectivity or efficiency generally. Many people in the country are able to lay their hands on some long poles, and together with some handy tree which doesn't sway about too much, it is often possible to get a 60ft. aerial 60ft. high. This, with the lead-in, would be about 120ft. overall, and we would place this as the limit for the modern set.

The loading effect of the aerial is even more pronounced on short waves, where the matter of height is even more important. The actual number of turns on the aerial coil of a short-wave set is so small that the electrical characteristics of the aerial are very much larger in proportion.

Taking it all round, an aerial with a "flat-top" of say 40ft., and 60ft. high, would be an excellent aerial for both short waves and the broadcast band.

There is no need to go beyond a single wire aerial, and ordinary 7/20 bare wire is quite in order. There should be two or three insulators placed at each end of the aerial, before it is attached to any of the supports. It should run in the clear as much as possible, particularly if there are any iron roofs in the vicinity. The lead-in should be as direct as possible, and be insulated at the point where it enters the house. Inside the house, the lead-in should also be of insulated wire.

In the country, where electrical charges are often collected by the aerial, it is particularly desirable always to include a lightning arrestor in circuit. It is a good idea also to have an earthing switch which can short-circuit the aerial direct to earth when desired. There are quite a number of good lightning arrestors available on the market.

The earth is also an important point with a battery set. Fortunately, it is not a very hard matter to provide a good earth very simply. Obtain a kerosene tin (minus kerosene) and punch a number of holes in the sides, and also in the bottom.

A hole is dug in the ground at the nearest convenient spot, large enough to cover the tin to a depth of at least six inches. The can is filled with ashes, and buried in the earth. It is a good

idea to bury with it a length of pipe which will penetrate well inside the tin, and through which water can be poured from time to time, in order to keep the ground moist. The pipe is left protruding from the ground for an inch or two.

But, wait a moment, we hope you haven't already buried the tin, because you will have to pull it up again to solder to it a lead-in wire. This should, of course, be done first of all, the wire being of fairly heavy gauge copper wire—the same as used for the aerial will serve. It is a good plan to cover it with insulation after it has come into the house,

but it is not necessary to insulate it from woodwork, etc., as in the case of the aerial.

If the house is built up somewhat from the ground, it is quite in order to run the earth wire through the floor and bury the tin under the house. Other good earths can be made by driving a length of copper rod or tubing into the ground for several feet, and soldering the earth wire to it. If you have a water system which has a goodly length of piping underground, it is permissible to attach the earth lead to one of the pipes with a clip, selecting a point which

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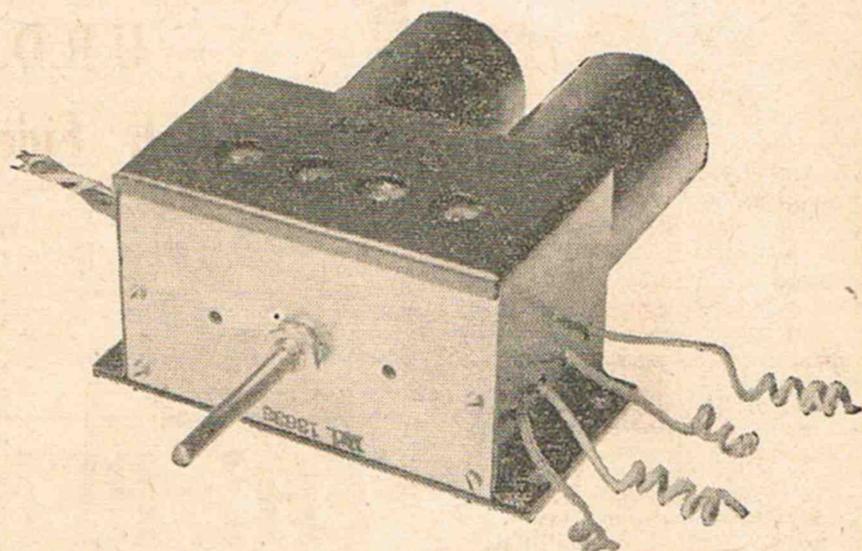
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Note.—Both yellow leads connect to same point in box.

INTERMEDIATES:

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does not travel far before it enters the ground.

Transposed aerials, doublets, etc., are not of very great value to the countryman, as they are designed primarily in order to reduce interference pick-up from electrical systems such as are found in houses wired with A.C. power. Naturally, should the A.C. power be available, one would hardly be using a battery set instead of an A.C. one. There is no advantage in signal strength to be gained as a rule, and therefore, no great point in using anything but a simple aerial system.

Where short-wave reception particu-

larly is desired, it is possible to attack the aerial problem from a rather more scientific angle than the ordinary listener would require, and this point has been covered in our columns from time to time. The Pentagrid seven is so sensitive that it will tune in "anything on anything," and for the average man, a plain type of aerial should be 100 per cent. satisfactory.

Incidentally, where it is not possible to make a direct lead-in from the aerial at one end, the lead-in may be soldered to the exact centre of the aerial and run down just as though it were attached to one end of it.

COMING TECHNICAL FEATURES

AS will no doubt be noticed, this issue of "Wireless Weekly" is considerably larger than the average, and we have not by any means exhausted our list of feature technical articles. The first of these will probably be the "Inversed Superhet," which follows on the Inversed series of sets which have appeared in the last few weeks. It will use all the essential parts of those earlier receivers, but include the feature of a superhet, tuner, making it a particularly effective, yet simple set to build.

Then there is a simple and inexpensive short wave receiver, specially designed for the many short wave listeners, and amateurs, who want such a set, as a

supplement to the ordinary broadcast receiver. It will have the same general features as made the larger short wavers so popular, but will be easier on the purse, and the brain-power required to construct it.

A new "Volume Expander" Amplifier is another technical job in the course of construction—it will have the main features of the amplifier described some time ago, but we hope to simplify it, and reduce the number and cost of the parts.

In addition, of course, we are always glad to have suggestions from our readers for technical features, and their comments on those listed above. All will appear in due course.

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EXCELLENT RECEPTION

Short-Wave Notes

THE past week has provided some rather extraordinary contrasts in reception during the evening hours.

This has been particularly the case on 13 and 16 metres, on which bands some remarkably good signals have been heard after 9 p.m. on several nights. Daventry provided quite a surprise on two or three evenings by providing a very strong signal on 13.93 and 13.97 metres from opening at 8.45 p.m., and at a time of the year when we could not reasonably expect to hear strong signals on this band. Our Randwick contributor, Mr. L. J. Keast, writing on the week's reception, says: "What impressed me more than anything was the wonderful reception from the 13 metre band on Tuesday night from 9.15 p.m. onward. Through GSH (13.97) it was only fair, but through GSJ (13.93) it was positively delightful. I don't know when I enjoyed a programme from overseas so much. . . . The volume was terrific, and the music was coming through without any interference of any kind, and between items the orchestra (which was playing at South Pier, Blackpool) could be heard tuning up their instruments. . . .

At 10.45 p.m. I went back to GSJ, and again heard some more musical items." Mr. Keast's reference to absence of interference on the 13 band will awake many unpleasant memories in the hearts of many listeners on some of the other bands, where interference of several types is an unmitigated nuisance, which is using very mild descriptive language. However, the probabilities are that 13 metres will be comparatively free for a long time from both man-made and nature's interference. Whilst the 13 band has sprung some surprises the other low wave-length, 16 metres, has provided considerable activity also. On most evenings GSG (Daventry) and DJE (Berlin) have rather good strength for several hours, whilst during the afternoon sessions both have been excellent. On Saturday another overseas station was added to the 16 band. At 10 p.m. we heard W3XAL, of New York, open on 16.87 metres, just between GSG and DJE. Strength of signals was good speaker (R8) and very clear, with quite an enjoyable American early morning musical session. Towards midnight PHI on this band can also be heard quite strongly on some evenings. Our advices from London indicate that as from August 1, listeners will be compelled to endeavor to take their Daventry evening programmes from one or other of the 16 and 13 metre transmitters, as it is proposed to discontinue GSO (19.76) in the session opening at 8.45 p.m. In this session the following stations will operate, viz., GSJ (13.93), GSH (13.97), and GSG on 16.86 metres. Two transmitters will be used on GSG, one directed east and the other north-east. On station GSJ the signal will be directed east, whilst on GSH the directional antenna will be south.

GETTING THE WAR NEWS

The sudden outbreak of hostilities in North China immediately focussed increased interest on stations in Japan and China in particular. Unfortunately, there is actually only one Chinese station operating which might serve listeners in this direction. It is XGOX, operating on the 43 metres band, and from which we have not yet heard any war news. There is, of course, another station located at Hongkong, and well-known to listeners, viz., ZBW, on 31.49 metres. This station, however, is actually located in British territory, but from it listeners will get some interesting broadcasts if the war should develop into a really serious affair. In this event listeners might profitably pay a good deal of attention to at least three Japanese stations, which are being heard excellently at present in Australia. They are JZK (19.79), JZJ (25.42), and JVN (28.14), from each of which news sessions in English are given several times daily. At 7.55 p.m. an American commentator gives a detailed news session in English. Probably one of the best news sessions is heard from Tokio on JZK (19.79) and JZJ (25.42), at about 11.45 p.m. In this lengthy bulletins regarding the North China crisis were heard this week, and there was no doubting the opinions held by the Japanese on the crisis. These two stations can be heard in the mornings on the same wave-lengths, their English news being given at 6 a.m. and again around 8.15 o'clock. One of these, JZK, is also being heard quite well between 3.30 and 4.30 p.m. daily.

NEWS OF ALL STATIONS

As from Sunday, August 8, Daventry's No. 1 Transmission will open at 3 p.m. in lieu of 2.30, as at present. This might be regarded as the first indication that we are already speeding onward to changing reception conditions—to the summer when daylight stations will diminish in number, whilst a number will be found all over the dials again!

Frequently we are asked if any English announcements are heard from the South American station, COCQ (30.77), which has been heard so well in the afternoons and late evenings. The question was well answered on Sunday afternoon, when we found COCQ operating until 5 p.m. It was announced as a special broadcast on behalf of the International Short Wave Club, and announcements were made by a lady and gentleman at frequent intervals. Most of the announcements in English were made by the male announcer in good English, although the announcer was obviously of Spanish descent.

The Parisian, TPA4 (25.6), is still adhering to its old schedule, and opens strongly at noon daily, with English news at 1.30 p.m. and closing at 4 p.m. On 25.23 metres it is excellent between

by R. N. Shaw

on 13 METRES

7 and 8 a.m., and again between 4 and 6 p.m. On 19.6 metres it can be heard occasionally after 9 p.m.

The "sharp" weather on Sunday morning appears to suit short-wave reception, Mr. L. J. Keast (Randwick) opines, for he found reception on 16, 19, 25, and 27 metres excellent. At 7 a.m. RNE (25.0) was louder and clearer than he had ever heard it, whilst on the same band TPA3 and OLR4A were splendid. The latter closing with the customary chimes at 7.30 a.m. was very fine. On 25.42 metres OER2 was fine, as was CSW (27.17), in Portuguese news at 7.37 a.m. On 16.86 metres GSG was very good, with GSO (19.76) at 7.58 a.m., giving a little better the same programme as GSF (19.8). At this hour DJB (19.74) was heard at splendid strength, giving a special session for Canada. Night stations were found at Randwick to be coming in:—HJIABE (31.58), fading at 10.30, HJIABP (31.25), fading out at 11, HJ5J (31.28) good at 10.45; and KZRM (31.35) "mushy" by 11.15 p.m. At 11.3 p.m. the Javanese PLV on 31.86 metres was heard closing without announcement, whilst JZK (19.79), "the Voice of Japan," was found in Japanese folk songs, with announcements in English. At this hour it is just possible to separate JZK from the Javanese, YDC, both being strong. At 11.30 p.m. GSG (16.8) was very good, and GSH (13.97) fair, both closing at 11.55 p.m. Then at midnight PHI, of Holland, on 16.88 metres, is quite good, with DJE (Berlin) on 16.89 metres, excellent in its English session.

Although it appeared in our schedule Mr. Keast reports he could not hear PCJ in its special programme or Australia on Tuesday night. We have been unable to log PCJ for a couple of weeks, due to seasonal effects. On Wednesday night PCJ in their late session can be heard fairly well after 11 p.m. Mr. Keast reports logging SM5SX, of Stockholm, on 25.63 metres, at good strength early on the morning of July 16.

Moscow on 25 metres is now being heard almost daily from about noon until late afternoon in talks and music. Practically no English is heard in the session, but the station's signals are generally maximum. Another station we have heard excellently on several afternoons up till around 3.30 p.m. is KKQ, on 25.11 metres, in special broadcasts from Honolulu. On Tuesday evening we logged a new Japanese, JVF, on 16.8 metres between 5.30 and about 6.15 p.m. The programme was mainly musical, and an English announcement was heard at 6 p.m.

Moscow was heard at noon on Tuesday from RKI on the 19 band, in an English talk at good strength.

Mr. A. Stean reports hearing at Temora the Mexican, XEWW, very well in the afternoons. The announcement gave the broadcast call sign as XEW on 970

(Continued on Next Page)

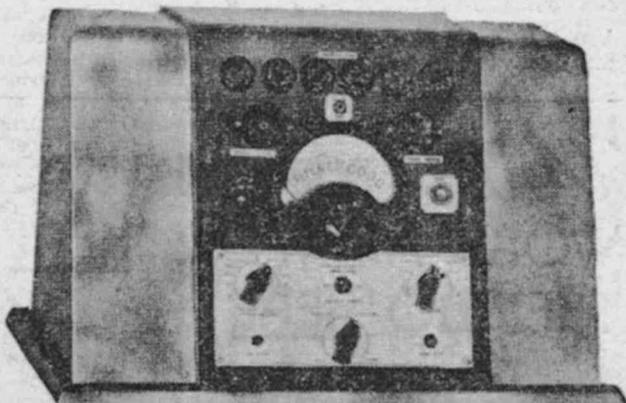


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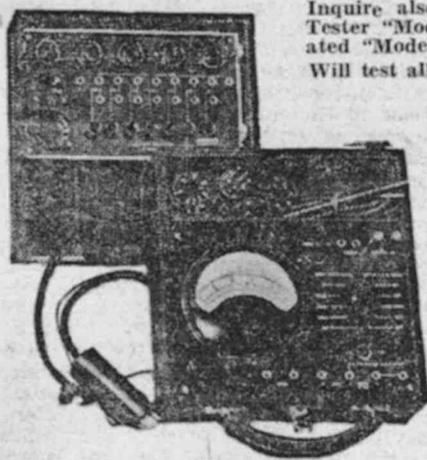
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SHORT-WAVE NOTES

(Continued from Previous Page)

k.c., and short-wave station, XEWW, on 31.58 metres. Mr. Stean also heard TIPG at 10.30 p.m., when it was very poor, whilst XGOX at 11.30 was excellent. Up till 3.30 p.m. KKQ was heard in an interesting American programme. In the mornings he has also heard EAJ43 on 29 metres rather well.

Up at Brisbane N. F. Jones says he's quite interested in this "KRZM argu-

ment!" He heard Manila announcing as "KSRM" and giving news in English with a very strong signal. Our friend is using a transposed aerial, with about 30 feet on either side, and 40 feet high. We have been using a commercial transposed outfit for six months ourselves, but got a slight shock this week when we tuned in Daventry rather weakly on 16 metres, and decided to experiment with an ordinary flat top aerial, which had been in the discard for some time. It increased signal strength by about 25 per cent.!

Writing to Dr. G. W. Sinclair (Eastwood), the Chief Engineer of the B.B.C. says that four transmitters will be used in all transmissions for some time. One of these will always be working on high power, and as the work on all new transmitters is completed it is probable that two or three high-powered transmitters will be used in each of the transmissions. In view of the tests being carried out the Chief Engineer points out that reports on signals during the next month or two will be of more than usual interest. Those reporting to the B.B.C. should give details of the relative strength of signals on all stations heard.

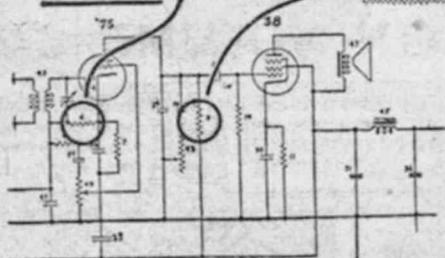
Dr. K. B. Gaden, writing from Charters Towers, says: "There's no doubt about the 'Z' in the Manila station' which we have been referring to as KZRM, and which our contributor finds is the strongest station on 31 metres in North Queensland. He also heard Moscow on closing its English session (RNE 25.0) at 7.56 a.m. announce that German news would be given at 8 a.m., and that at 10 a.m. an English news session would be given on 31.25 metres, and on 19.95 metres. We have heard the latter, which is RKI, excellently at various hours between 10 a.m. and 1 p.m., but cannot yet log the other station referred to, which is known as RAN. We should be pleased to hear from any listener who can log RAN from 10 a.m. onward.

After testing on 19 metres VPD2 is back again on the 31 metres, and is being heard very strongly between 8.30 and 10 p.m. This band is now very congested, but what will it appear like in a couple of months' time when some of the Americans begin to break through on about 31.35 metres?

A station at the top of the band, on 98.6 metres, was heard at 12.27 a.m. by Mr. L. J. Keast (Randwick). This would be YDA, of Batavia, which usually carries the same programme as YDB, PLP, YDC, and PMN. It should come in excellently as the winter advances. Mr. Keast finds that GSG (16.8), at the other end of the band, is coming through well towards 11 p.m., when the volume from the new Manila station, KZRM, is terrific. At this time on the 31 band YDB and ZBW were excellent. We can agree wholeheartedly with his next comment on the excellence of Daventry (GSO 19.76) in the afternoons. One excellent programme by the Salvation Army Band included the Australian tenor, C. Cunningham. One night a fine talk by a woman on conditions in China was heard from XGOX on 43.5 metres. The excellent description of the English Derby was heard splendidly from GSO at 11.43 p.m. Our contributor thinks the commentators heard from London are not quite so quick as our Australian sporting commentators, but the descriptions have been very good just the same. In the Derby broadcast there was one unattended "mike" which conveyed the "atmosphere" of the crowd and the noise of the galloping horses.

This week two Americans on the 31 band, W3XAU and W1XK, were heard strongly until after 9 a.m., whilst at 10 a.m. DJN, on the same band, was quite strong.

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Ham. Notes By W. M. Moore, VK2HZ

THE SAME STORY

A PROPOS of some remarks in last week's issue, the following is an extract from a well-known American magazine, "Electronics," June, 1937, and is from the section titled "Cross-Talk."

"For many months Ross Hull, of headquarters staff, A.R.R.L., has been recording signals from U.H.F. transmitters trying to unfathom some of the peculiar properties of these frequencies, which are not acting according to Hoyle. Remember theory said waves much below 200 metres wouldn't go very far, but amateurs discovered they did.

"Now they say that line of sight is all you can get out of waves shorter than approximately 10 metres, and Ross Hull shows that theirs, too, bend and that theirs show other variations which theory doesn't count for.

"There is a growing realisation that the A.R.R.L. is not only a bunch of brass pounders and potential wartime key punchers. The work of Jim Lamb and of Ross Hull and of many other hams will always stand in the way of those that say the amateurs serve no purpose and that it would be better to turn the ham bands over to cold, hard cash uses. And as for all the theorists and their deprecating manner toward amateur measurements, let the ham 'smile as we smile now at the old forsaken bough where we cling.'"

THE 1937 VK, ZL, 80 MX 'PHONE CONTEST

It was apparent a few hours after the start of this contest that a large number of the Australian amateurs were entering.

2NY, last year's winner, was going strong likewise. Quite a number of New Zealand stations! Conditions have been quite good, and so far there has been a complete lack of static.

Several ZL's were heard working with Australian stations who were not in the test, and they were doing everything in their power to persuade them to join.

The entrants from N.S.W. should be large in number, as the N.S.W. division forwarded a copy of the rules to all its members, an innovation which received favorable comment from a number of country amateurs.

JULY W.I.A. MEETING

Approximately forty members listened to an interesting discussion by Mr. R. Chilton, VK2RC, on "Valves." Mr. Chilton is extremely well versed on the subject, and he dealt mainly with the more or less unknown facts and yet very interesting side of the technique of valve usages.

The lecture brought out many points that could not be gleaned from the study of text books, and altogether the lecture was another fine contribution to the series of monthly lectures arranged by the institute.

H. W. S. Caldecott, VK2DA, who has served on the council of the institute in N.S.W. for many years, resigned, and in

his stead was elected Jim Corbin, VK2YC, who was previously an office holder, and for some five years has controlled the Q.S.L. Bureau.

A request for assistance from the team at the University chess was received. On previous occasions amateur stations had contacted Melbourne and allowed

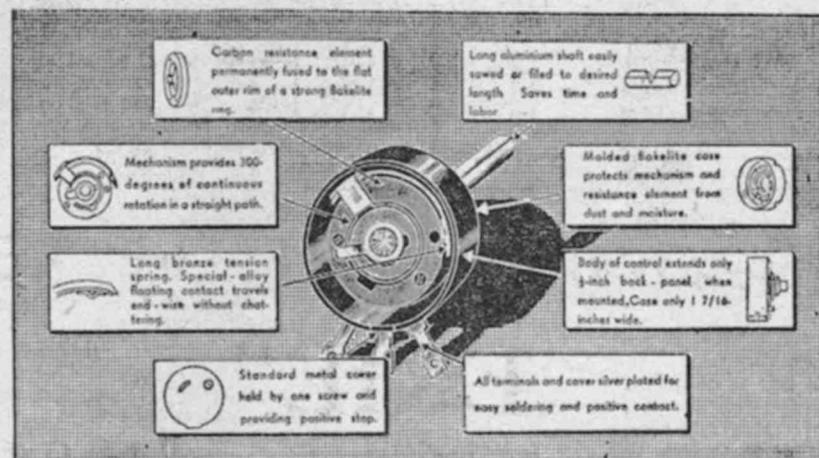
the running of matches with the University down there. 2RA and 2WN notified their willingness to co-operate.

A circular will be sent to all members concerning the meeting on August 19, and any inquiries can be addressed to W. G. Ryan, hon. secretary, W.I.A., Box 1734JJ, G.P.O., Sydney.

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DX NOTES

By Alan MacGregor
BROGRO, via BEGA.

CONDITIONS for reception on the broadcast band are now well nigh perfect, and reception from overseas has been, and will continue to be, most satisfactory. Asiatic broadcasters are well to the fore, whilst signals are now beginning to come from Europe.

European stations have been by no means strong, but an appreciable strengthening in signals will be noticed from now onwards, and there are few listeners who do not enthuse over the reception of a European. It is because of the interest shown in European reception that we propose to cover rather extensively in these notes present and future reception conditions.

European broadcasters transmit on frequencies from 1500 to 520 k/cs, with a spacing of their frequencies of only nine (9) k/cs, and not, as is usual in Australia, ten (10) k/cs. Moreover, there are "common waves" allocated to certain transmitters in individual countries. The 1492 k/c channel, used by low-powered Spanish stations, the 1500 k/c channel used by Belgian stations, and the 1294 5 kc. channel, used by Austrian transmitters, are examples of these "common waves" shared by the lower-powered stations carrying the same programmes.

Many European transmitters operate on extremely high power, and are thereby not only enabled to be heard thousands of miles from their location, but are also heard with "propaganda programmes" across the frontiers of neighboring, and possibly hostile, States. Thus, to those with a knowledge of languages it is by no means uncommon to hear a French station carrying an address in German, or vice versa. And all of this high power, the utilisation of every frequency, and language presentation make reception more easy.

At the moment signals are now weakly audible from Milan (814), Breslau (950), Leipzig (785), Budapest (546), and others, which are Rome (713) and Graz (886). However, the band will probably become alive with Europeans within the next few weeks, and one may possibly tune one of these stations on each frequency other than those used by 3AK, 2UW, and the New Zealanders on their early morning sessions. Europeans will be found audible prior to sunrise, and from about 4.0 a.m. E.S.T.

KZRM, Radio Manila (618.5), "50,000 strong," will be found with a strong, steady signal on 618.5 k/cs, closing at 1.0 a.m. Mrs. W. A. Graham, of Pleystowe, via Mackay, Q., reports hearing from this station on June 4 "News of the World, stock and market reports, music, and advertisements." A talk on "American Citizenship" was heard on June 8. Our contributor refers to this station as KVRM, and has no doubt mistaken "Z," pronounced in the American fashion "Zee," for "V." Mention of this Philippine station is a reminder

that on 635 k/cs, closing at midnight, appears to be RW28 Vladivostok. Signals from this station have been heard at good strength, but never with an English programme. It appears that RW28 is a relay unit of RW54 (540) and RW52 (556). The closure at 3.0 a.m. E.S.T. corresponds to 2.0 a.m. at Khabarovsk. We would suggest that any reports on reception be forwarded, not to any of the individual Siberian stations, but to Inna Marr, Radio Centre, Moscow. Below the Siberian station we find MTCY (560), closing at 12.30 a.m. E.S.T. 580 k/cs provides two stations, one being JFCK (Taichu), and the other XQHA (Shanghai). The former station closes at midnight, and the Chinese three hours later. KZRM closes at 1.0 a.m. E.S.T., and after the closure of this station XHHK comes in well at times on 620 k/cs, and closes at 2.0 a.m. E.S.T.

G. W. Rouse (Potts Point) has received confirmation of reception from XENT (916), Neuvo Laredo, Mexico, and KROW (930), Oakland, Calif. This latter station says: "Always delighted to hear from Australian listeners. Keep a look-out for us again." Our contributor has received from JOJG (1696) not only confirmation of his reception, but also a lengthy technical description of the transmitting equipment. Mr. Rouse strikes an appreciative note by saying that "the thoroughness with which the Japanese go about their business is exceeded only by their extreme courtesy." KGMB, in a letter of confirmation, suggests that Australian listeners watch for KHBC, in Hilo, Hawaii, on 1400 kcs., and Mr. Rouse points out that, excepting Tuesday and Thursday evenings, when 2ZO, Palmerston North, is on the air, the 1400 kc. channel is clear.

C. Adams, Ravenshoe, Q., asks that all times given in these notes be given as eastern standard time, and, whilst this has long been our practice, we welcome our friend's suggestion, and in all cases times may be read as E.S.T. unless specifically stated to be otherwise. A further suggestion from Mr. Adams is that the times of expected reception be given in all cases. You will find in the "Call Sign Book" times for best reception from all quarters, and we will watch your request in future notes.

2YC, Wellington (840), an auxiliary station of the New Zealand Broadcasting Board, may be heard quite well from 5.30 p.m. until 9 p.m., Mondays to Saturdays, inclusive, and on Sundays from 4.30 p.m. until 8.30 p.m. It is necessary, however, to use a superheterodyne to separate 2YC from 3GI, 2YA and 1YA are mostly clear and steady in Pleystowe, N.Q., reports Mrs. W. A. Graham, and we now suggest that 2YC should be well heard.

We are indebted to the New Zealand DX Radio Association for the schedules of transmissions from Indian stations: VVB (855), Mon. to Sat., 10 p.m.-3.30 a.m., Sun. 9.0 p.m.-3.30 a.m.; VVC (810) and 6109kc., Mon. to Sat., 9.36 p.m.-3.6 a.m.; VUD (882), daily, 9.30 p.m.-3.30 a.m.; VUM (770), daily, 10 p.m.-12 p.m.; VPB (700), 11 p.m.-2.30 a.m. These stations are being well received over in W.A., according to J. D. Scott, of Perth. Welcome back to these pages, J.D., and we are pleased to learn of your success in logging XHHK. This station will verify reports, and the address is 120 Thibet Road, Shanghai. No J.D., we find it well nigh impossible to tune American broadcasters these evenings, because of excessive interference, Algiers, and Göteborg (Sweden) both operate on 841 kcs. A new Tasmanian 7QT, Queenstown, operates on 909 kcs. and should provide a good "scarp" for you. It is anticipated that 2BE, Bega, will be transmitting early in September, on a frequency of 1490 kcs., and an aerial rating of 103 watts.

N. S. Griffin (Deloraine, Tas.) Thank you for your letter, to which we will reply personally.

READERS' QUERIES ANSWERED

B.R. (Windsor) has a "Beam Standard" which will not operate properly and appears to choke up with the slightest signal, at the same time humming very badly.

A.—We recently encountered a "Beam Standard" with similar symptoms, and finally tracked the trouble to the autodyne valve. Whilst it seems almost incredible that this valve can cause hum and choking up in the audio end of the set, we proved it in this case. The coil kit used was a cheap affair called a "manufacturer's type," and needed a little extra care around the autodyne valve. The first thing we did was to lift the padder away from the base, this being always desirable with autodynes. Immediately the set operated fairly normally, but was far more sensitive below 2GB than above and so we fitted a 10,000 ohm potentiometer in place of the autodyne bias resistor, and tried various by-pass values, and experimented with the potentiometer arm, and finally found that with this particular 57 type valve and these coils the best results were obtained with a 4000 ohm resistance, and a .002 by-pass. On another set which we tried we found that 2000 ohms by-passed with .01 mfd. gave best all-round results, whilst the maker's recommendation is 5000 ohms by-passed with .001 or .0015. If in doubt we suggest that you do as we did, fitting a 10,000 ohm potentiometer as a rheostat, and varying the bias resistance and noting results.

K.P. (Darlinghurst) sends a circuit for approval.

A.—Yes, the circuit seems quite O.K., but there are one or two points to watch. The first is that the full 385 volts will be placed across the voltage divider, and this unit will have to be a special heavy duty type to stand such a voltage as the current passed will be nearly double the normal. The use of a 275 volt or 250 volt power transformer would be another solution, but we don't advise it, as later you are almost certain to want to use the transformer with a bigger set. The socket connections appear O.K., but in the case of the 57 and 58 the G is the cap of the valve, and is not on the socket at all. The 80 millamp choke should be quite suitable.

A.D.S. (Esk Island) writes in great praise of his "Pentagrid Four."

A.—So far we have not experimented with the application of inverse feedback to audio systems using transformer coupling, and so we cannot give you any reliable data on the subject. As soon as we get settled we hoped to go into this matter fully but at the moment all that we can suggest is that you sit tight and await developments. Tubular condensers of .01 to .05 mfd. are quite O.K. for tone control circuits. The use of a higher value resistance in the tone control will allow high note response, but in many cases with commercial sets it is not this control which limits the highs, but rather the capacity of the by-pass condensers which are used to stop oscillation trouble.

B.W.C. (Grenfell) has built up a two-valve battery set, but finds that it won't stop oscillating, even with the reaction condenser right out.

A.—We regret that there is nothing in the circuit to suggest why the set should behave in this way. Possibly you have caused it by putting the valves too close together, by having the coil too near to the audio transformer, running the headphone leads too close to the coil or the aerial or some other arrangement of the layout which allows feedback from one part of the circuit to another for re-amplification. Of course the reaction winding may be too large and the coils too close to each other. But theoretically the circuit is sound enough, although it is good practice to bias the audio valve a volt or two with a negative voltage for the grid.

H.O.M. (Auckland, N.Z.) wants to know which circuit we recommend as a radio-gramophone job to give best range, tonal qualities and output, the "Beam Standard" or the "£50 Prize-winner."

A.—As originally described, neither of these circuits was suitable for gramophone work. By the time the gramo conversion has been carried

out the "Prizewinner" is then the best for tonal qualities, the range of both sets is about the same, and the "Beam Standard" has the greatest power output ability, although it will be hard to get full power output on gramophone reproduction, a high-voltage type of crystal pick-up being necessary to give sufficient input signal, as the audio amplification will not be high.

V.D. (Bunrwahl) wants to know the relation between metres and kilocycles.

A.—To find one when you know the other you need only to take the number 300,000 and divide by the one you have, and the answer will be the one you want. For example, 300 metres is 1000 kc.; 500 metres is 600 kc.; 200 metres is 1500 kc. When you get down to short-waves you get better practice at arithmetic—30 metres being 10,000 kc.; 15 metres is 20,000 kc.; 20 metres is 15,000 kc., and so on. By the time you have worked out that 32.9 metres is 9113 kc., you will get more mental exercise than from working out radio ciphers.

J.C. (Preston, Vic.) has built the "Inversed Four," and says that it has proved really fine, but the volume is too good, the volume control giving insufficient control to cut down the strength of the locals.

A.—It should be a simple matter to get as much control voltage for the r.f. amplifier as it will take, by simply moving the volume control clip on the voltage divider towards the high tension end. The value of the volume control is not important, and it is to be expected that a 50,000 ohm control will still have only the

same effect. But shifting the coil should give so much control that distortion is introduced. If such is the case and still more control is necessary it will be found desirable to fit an aerial switch or other form of "local-distance" control.

J.McC. (Borambela) writes and asks us to send a couple of circuits, one for a crystal battery set with one valve, and the other a four-valve battery set circuit.

A.—We regret to have to point out that you don't read your "Wireless Weekly" carefully, otherwise you would have noticed the query service coupon which is printed in every issue. This lays down the conditions and rules governing the supply of technical information, and you will notice that we do not undertake to design special circuits nor to supply them and pay postage on sending them out. We are quite unable to undertake services of this kind.

A.J.S. (Exeter) wants data for coil for 175 kc. for an oscillator.

A.—In all such cases the quickest way to get a suitable tuning circuit is to use an old intermediate transformer of this type. One of the windings, when tuned by its original trimmer will be sure to be capable of resonating at the required frequency.

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J.R. (North Queensland) wants to know how to calculate the candle-power of electric lamps. He also mentions that he has a brother working in one of the shops of a prominent English radio firm who tells him that television receivers can now be purchased for only £49.

A.—The candle-power rating seems to have been entirely dropped, and we know of no way that you can tell the actual efficiency of a lamp from looking at it, for that is what it amounts to. The old carbon filament lamp wouldn't give a candle power for each watt of power used, then came along the metal filament lamps which gave about a candle power for each watt, and then the highly efficient gas-filled lamps which gave a candle-power for each half-watt. In themselves these also vary in efficiency, and are improved from time to time, and of course the new sodium lights and high-pressure mercury vapor lighting systems are still more efficient. Doubtless there are ways of calculating the efficiency of these different types, but it is out of our line. Unless you want great accuracy for some special purpose we suggest that you consider the metal filament lamps at 1 watt per candle power, and the gas-filled lamps as a half watt per candle-power.

The mention of the price of the television sets is interesting, but you must remember that exchange alone would increase the price to about £65 in Australian money.

Minnieam (Bexley) is a miniature camera enthusiast who is interested in our photographic competition.

A.—Yes we are glad to help readers with problems of any kind, so long as we have a source of information. In regard to photography we are fortunate, being in close touch with several professionals and keen amateurs. In a nutshell we would say that the following steps are essential to get satisfactory prints

from miniature negatives: The use of panatomic film ample exposure, perfect rigidity of the camera during the exposure (making speeds of greater than a fiftieth desirable for shots taken without a tripod), as brief a development as possible in a tank, and using the D76 (borax) formula or other recognised "fine grain" developer, the greatest care possible in hardening and drying—and then your troubles start! Accuracy of focus is very important, of course, and generally speaking the whole game of handling miniature work calls for special care. Incidentally, if you can't get a copy of the D76 formula we will be pleased to let you have it.

Digger (Helensburgh) is having trouble with a crackling noise which comes on at irregular periods and makes reception impossible. He mentions that other listeners are troubled the same way.

A.—As you have probably guessed, the fact that noise troubles other sets is sure proof that it does not indicate any fault in your receiver, but is an extraneous noise. All such noises can best be cured at their origin, and there is little which can be done to the set which is likely to be anywhere near as effective as suppressing the source. It may be a faulty insulator on a street lighting pole, an electric machine of some sort, a defective house fuse, or even a defective lamp. If you can't find the trouble you should enlist the aid of the postmaster, as mentioned on your listener's licence, or write to the Radio Inspector, Haymarket Post Office, Sydney. Before doing so be sure that your listener's licence is current.

C.C. (South Brisbane) wants to know whether a certain commercial aerial system is difficult.

A.—Frankly, we don't know, not having tried one nor heard any reports either for or against the particular aerial equipment you mention. We imagine, however, that it is somewhat similar to the doublet antenna covered in the leaflet which has been posted to you as requested.

A.G.C. (Goulburn) has a D.C. mains set which was built with a 75-watt lamp in the filament circuit, but with no provision for the dial light. Now a dial light has been fitted with another lamp in series, this time a 60-watt, but our friend thinks this is not economical.

A.—Quite right—there is no need to use this method, and it is very wasteful. We suggest that since you have a lamp which takes the same current as the valves, .3 of an ampere, there is no reason why you can't have the dial light in series with the filaments and using the original 75-watt lamp. If you have any doubts about how to carry out this wiring, we can only suggest that you get the assistance of a good radio man.

A.W.A. (Ashford) is inquiring about a station which operates on 44.3 metres.

A.—We have forwarded your letter to our short-wave correspondent, and if you watch the short-wave pages you will probably see an answer to your query.

R.J.O.B. (Dockyard) writes for the antenna leaflet, mentioning that he encloses stamped and addressed envelope.

A.—We regret to advise that your letter came to hand without the stamped envelope mentioned, and so we are awaiting further advice from you.

T.H. (Dripstone) mentions that he once saw in our paper that a wire from the speaker could be fixed to minimise interference.

A.—We can't recall any such statement nor even imagine that it could have been published. Sometimes with hum trouble or instability it is found advisable to earth the framework of the speaker by connecting a wire from the

NO EAVESDROPPING

Radio-Telephone Privacy

Radio telephony between ships and shore suggests possibilities of curious listeners overhearing conversations. It transpires, however, that ingenious equipment prevents any such possibility. The laboratory research workers of Amalgamated Wireless have recently developed a new radio telephone privacy device. One of these appliances is to be found on the trans-Tasman liner, Awatea. If any listener happened to tune his receiver upon the frequency employed by the Awatea, he would hear only a strange jumble of noises. The equipment "inverts" the speech—in other words distorts it into unintelligible form by transmitting the low tones as high tones and the high as low. At the receiving station a special type of modulator produced by A.W.A. again inverts the speech, bringing it back to normal.

The A.W.A. equipment is technically known as a four-wire system. It occupies only about 3ft. 6in. of standard panels. Highly selective filters are included in the equipment using low loss iron-dust cores. The modulator used is a development of the well-known suppressed carrier modulator with the additional feature of having means for accurately balancing out applied modulation voltages.

frame of the speaker to the metal of the set chassis, but we doubt if this is likely to have any effect upon interference.

T.K. (Newcastle) wants to know whether any modern American radio receivers are available in Australia.

A.—No. The importation of modern American receivers for commercial purposes is forbidden. Travellers returning from America are sometimes permitted to bring them in for their own use, but only on payment of a very heavy duty—amounting to about £15 in all for a small set. Frankly we can't advise you to worry about American sets unless you want something out of the ordinary, such as a special communications-type receiver. The ordinary cheap and medium priced receivers have no advantage over our locally-built sets, in fact most Australian jobs are built with infinitely better parts and more carefully and receive more accurate adjustment and checking before delivery. American sets are cheap in America, but they would be dear by the time the duty was paid.



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A.R.C. REFRIGERATION DIVISION
(Principal, L. B. Graham),
Broadway, Sydney.

FREE BOOK

Dear Sir,—Please send me without obligation on my part, the free book, "Opportunities in Refrigeration."

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Address



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To the "Wireless Weekly" Radio Information Service, Box 3366PP, G.P.O., Sydney.

PLEASE ANSWER THE ACCOMPANYING QUERY:

(a) Free of charge through the columns of "Wireless Weekly."

(b) In a special letter. I enclose one shilling in stamps postal note money order

RULES:

(1) Readers are requested to be as concise as possible; (2) Information cannot be given over the telephone; (3) No special circuits and no designs for transformers, coils or other such apparatus can be given; (4) All questions are answered sincerely and efficiently to the best of the ability of the Technical Editor, and to the extent of the channels of information available to him. No liability attaches to "Wireless Weekly" for any misinterpretation or misdirection of the information thus supplied.

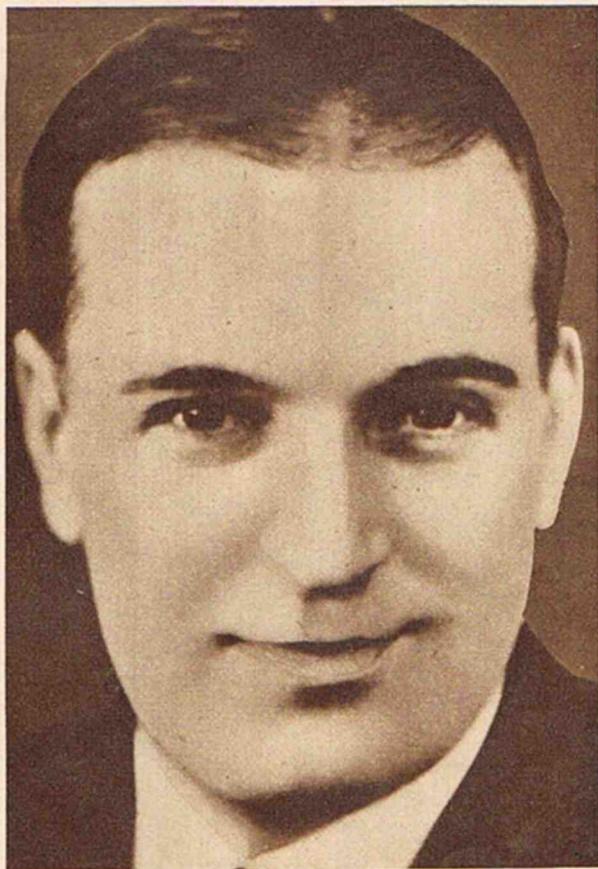
NAME (in block letters).....

ADDRESS..... STATE.....

"RADIO'S PRINCE of MIMICS"

MIMICRY
VERY
POPULAR
on
ENGLISH
RADIO

By
OSWALD
ANDERSON



● NAVARRE

AUSTRALIANS are not, on the whole, very good mimics—we have the lyre bird, of course—it can imitate most things, but our legitimate stage and music hall have not produced outstanding talent in this direction.

In England mimicry is easier to acquire—you live in the centre of things—you rub shoulders every day with every nationality and dialect—and you can listen first-hand, if you want to, to Lancashire, Welsh and worse doing their best.

At the Farr-Neusel fight last week the announcements were made in German, Welsh and English, but the middle chap might have been talking in Martian for all I could make out.

The B.B.C. presents a remarkable array of clever mimics and impersonators. There are scores of imitators of dialecticians—Scotch, Irish and "Eh Choom" men are legion. Last night I heard a Swiss singer, a woman who sang four songs from Lehar's new opera. The voices she portrayed covered a high tenor, a shrill soprano, a soulful contralto and a rumbling bass. Extraordinary! Had the B.B.C. announcer not given us his word that the one larynx served it up we would have been quite ironical.

Navarre stands at the top of the tree as a legitimate impersonator of male singers. He is being clamored for everywhere, yet two years ago he was an ordinary straight baritone with a good voice.

One day, however, at his agent's, he was filling in time with scrappy imitations of Tauber, and the astute agent hearing this seized on the idea and set Navarre to work to cultivate this more profitable form of entertainment.

To-day Navarre is regularly booked on the B.B.C. and appears on the halls, the films and on the treadmill that constitutes the English field of entertainment. There are no half measures here in the show business—you are (a) out in the cold with plenty of time on your hands, or (b) you are right in the middle with more work to do than you can manage.

Navarre's fine voice with its flexibility and wide range makes it possible for him to crowd into his act lifelike impersonations of Chaliapin, Tauber, McCormack, Crooks, Robeson and Tibbett singing their songs in original keys and gagging his way through in broken English when required.

Some enterprising entrepreneur should book this chap to go on to Australia after he does his South African tour later on in the year. He knows Australia well. I met him in Sydney some time ago and find it hard now to reconcile a singer of opera, oratorio and lieder in those days, with the

versatile artist I have heard and seen so many times in London.

Although the B.B.C. mixes many mimics and impersonators in its variety programmes, it frowns on the doubling of voices in plays and presentations. Should it be necessary to use the same voice for more than one part this fact is well established, for the listeners must "not be misled."

All this is not a plea for more studio attention to mimicry in Australia. Conditions there are different—Australians as a rule are poor copyists. They try to originate.

Switching off this for a moment—the other night I heard a sketch, "While the Billy Boils," and found out that all those taking part were Australians. The B.B.C. has found from experience that the Australian "accent" cannot be copied by their ordinary actors, so there is a currying-off whenever a rare Aussie programme appears. "While the Billy Boils" was quite a good effort, some excellent musical numbers with Gundagai sung in 1937 style. Chatting with a few of the "shearers" and "station hands" after the show I wanted to know why they went out of their way to be particularly gruff in manner and speech. It appears that a scene of our outback has to be "rough," otherwise the average listener would not think it reflected our conditions. It is still generally unknown in London that Australia is not all bush, that the people understand English if addressed gently, and that the white population of Sydney is second to London in the cities of our Empire.

But on the reverse side of the picture here is a true story:—

At Australia House at a function held some little time ago a hefty son of the bush was asked by an English acquaintance, "Of course you're staying over for the Coronation?" "No blanky fear," replied our country friend. "I've got to get back in time for the Jamboroo Races."

Have you ever been to the Jamboroo Races?

HOTSPOTS FROM HISTORY

№ 8 THE REAL REASON WHY NELSON DIDN'T SEE THE SIGNAL AT COPENHAGEN...



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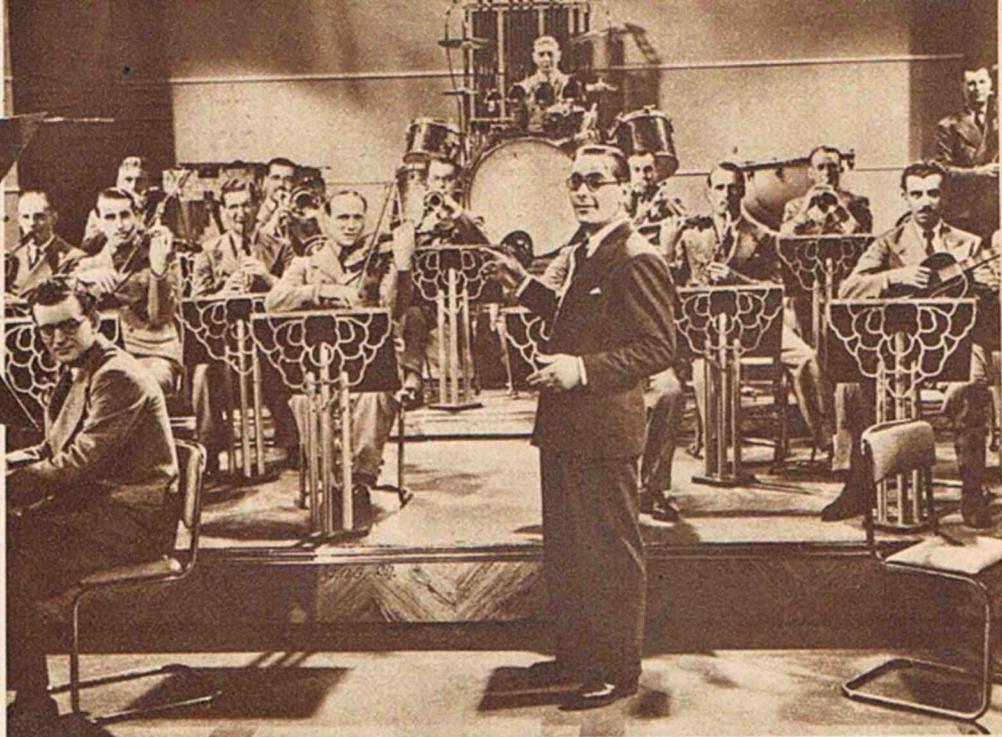
● FACING
the MUSIC

This is the face the players see when Professor Georg Schneevoigt conducts, and before he sets the inscrutable conductor's mask, which dares you to say it wasn't a good interpretation, and turns and bows to the applause.



Above:
Larry Adler

Right:
Carroll Gibbons
with
Orchestra

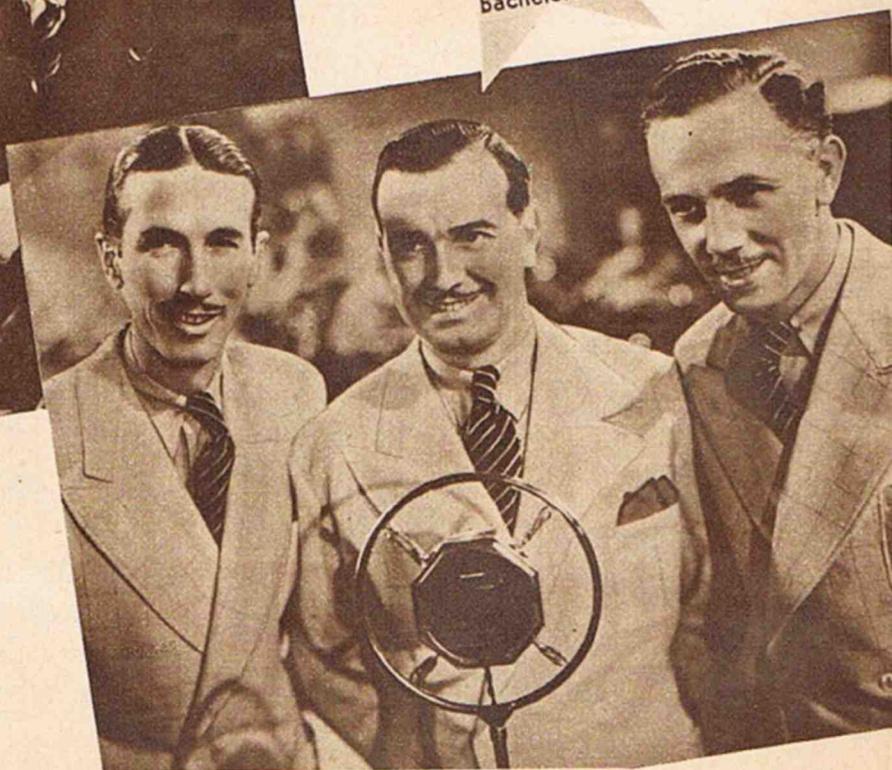


Scenes from the film "CALLING ALL STARS," which will be broadcast through 2FC on Wednesday night, August 4, at 9.10 o'clock. The cast includes Carroll Gibbons, Larry Adler, Turner Layton, Flotsam and Jetsam, Ambrose and his Orchestra, Evelyn Dall, "The Twelve Aristocrats," "Buck and Bubbles," the "Three Canadian Bachelors," "Revnell and West" and the Nicholas Brothers.



Above:
Flotsam and
Jetsam

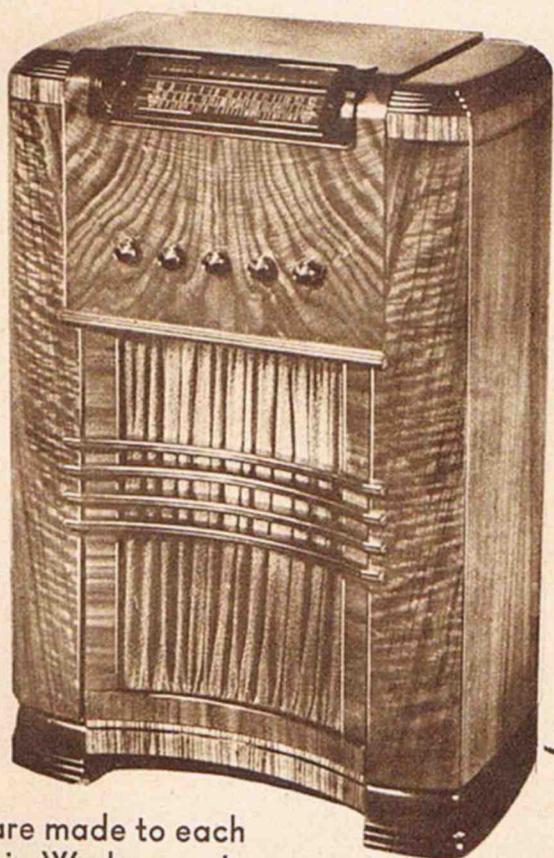
Below:
Three
"Canadian
Bachelors"



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No. 4

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RADIOLA**

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THREE SMART GIRLS

Here you see three smart girls who "put across" their radio act a la famous Boswell Sisters. They are the Paige Sisters, Connie, Thelma and Sally (seated), frequently heard on 2CH Community programmes.

EVER since the days when they sang at school concerts, with long curls and huge ribbon bows, they have worked together. In addition to singing, Sally plays the accompaniments and Thelma is taking up tap dancing.

Rehearsing is the main difficulty. Sally works at 2CH Community Singing invariably four afternoons weekly, and at the studio every night, while Connie holds down a 9-till-5 job in the advertising department of a leading city store, and Thelma is a milliner with

set hours, too. So that they are rarely home at the same time. They prefer ballad singing, but generally choose popular modern numbers for their broadcasts.

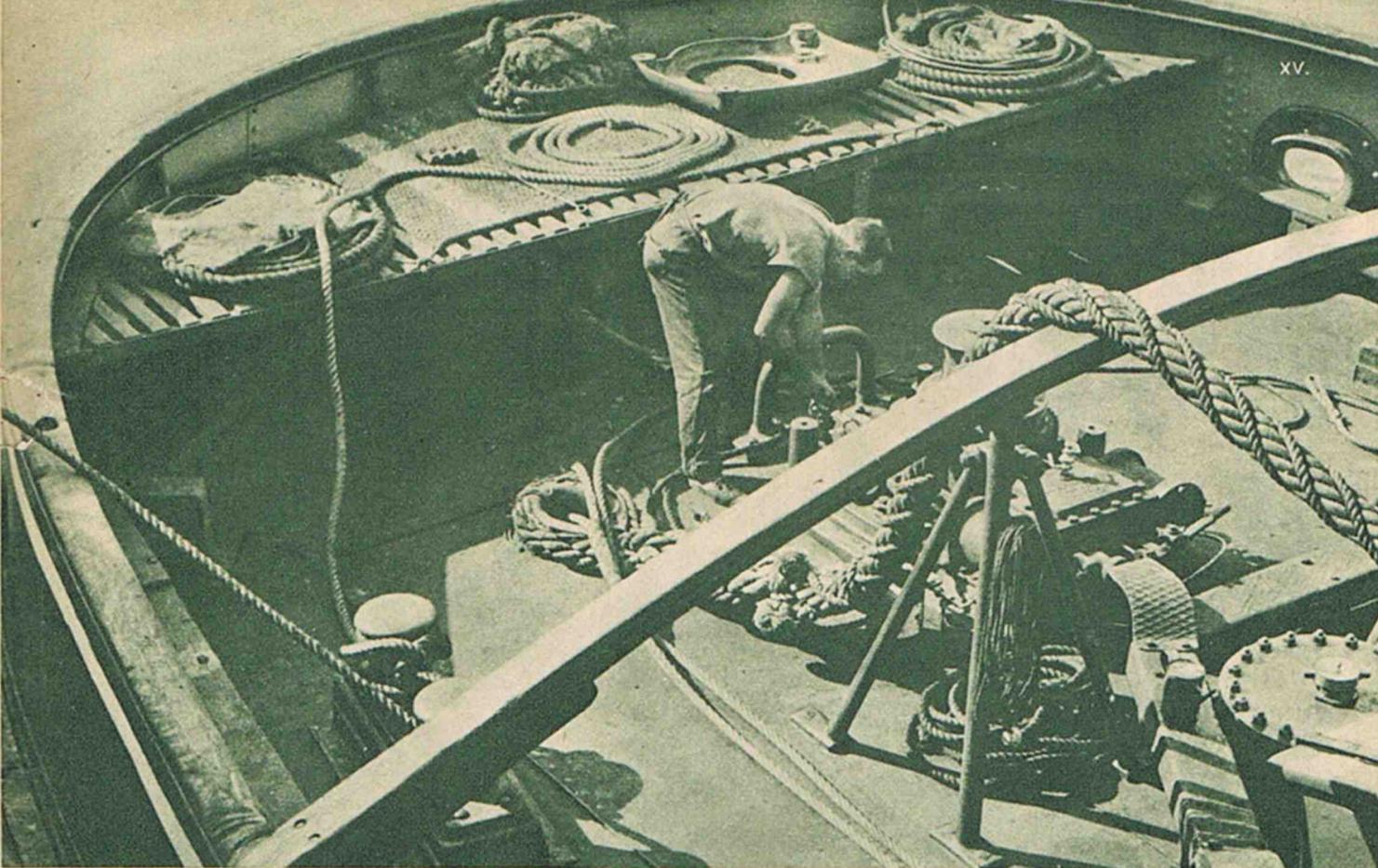
Thanks to Thelma's clever fingers, they are always smartly hatted, but do not dress alike. Connie is keen on horse-riding; Sally just rides, and Thelma a very little.

Their big ambition is to whistle the chorus of songs, but although they can manage it separately, as soon as the three start, one or the other finds it hard not to get the giggles. Connie and

Thelma manage to beg time off from their jobs when they get a break as a trio in a broadcast programme, but it means such a rush, that Thelma fainted at the last Hurstville "show." Still, its enthusiasm that gets them there.

Incidentally, they are sisters; and Hawse is the real name off the air.

As a trio, they also broadcast on the 2BL community programme on July 20 and Sally sometimes secures engagements with the Commission; as on July 26, when she broadcast with Zena Moller as "Sally and Joan," from 2FC, at 7.40 p.m.



Every week we award a prize for the best photograph received. The prize is 10/6 in cash, but one guinea is awarded if the photograph also contains radio interest. Unless the print is of approximately a suitable size to fit our page, the negative should be sent along with the print. All unused entries are returned. This week's winner is: Mr. A. McLEOD, OF NEWMAN AVENUE, CAMP HILL, COOPAROO, QUEENSLAND, who forwarded the above picture

RADIO in Other PLACES

FOR THE FIRST TIME in the history of the world, the Dutch broadcasters broadcast from an Amsterdam diamond-cutting business, on June 3, a most successful broadcast, aggravated by a background of machinery grinding away at the baubles.

THE RECENT Californian air manoeuvres were reported over the N.B.C. network, partly by radio reporters by short-wave from bombers in the air, and partly by reporters at high observation posts.

ALTHOUGH the B.B.C. is directing and broadcasting the concerts, seats for Toscanini's first London concert were sold out two hours after the box-office opened, and seats for the June 16 concert were sold out a month in advance.

IN VIENNA, a radio academy is to train announcers, commentators, etc., and to teach radio technique to artists.

EUROPEAN LISTENERS

	Dec. 31, 1935.	Dec. 31, 1936.	Increase.	No. of Licences.
Great Britain	7,403,109	7,914,506	6.91	46,067
Germany	7,192,952	8,167,957	13.55	572,498
France	1,625,677	3,218,541	22.58	53,304
Holland*	946,844	989,115	4.46	—
Sweden	834,143	944,487	13.23	2,524
Czechoslovakia	847,955	928,112	9.45	6,024
Belgium	746,395	890,323	19.28	13,196
Denmark	609,226	652,255	7.06	40,754
Austria	560,120	593,815	6.01	14,838
Italy	530,000	622,962	17.54	2,294
Poland	491,823	677,404	37.73	1,683
Switzerland	418,499	464,332	10.95	1,249
Hungary	352,907	365,354	3.53	2,521
Norway	191,378	240,251	25.54	3,360
Finland	144,721	177,376	22.56	685
Rumania	127,041	162,766	28.12	518
Latvia	82,175	96,332	17.23	5,449
Yugoslavia	81,385	96,660	18.77	611
Irish Free State	78,627	88,949	25.85	172
Egypt	41,370	57,633	39.31	—
Algiers	41,344	56,467	36.58	434
Portugal	40,409	53,659	32.79	127
Danzig	29,000	32,464	12.00	1,264
Lithuania	26,763	35,234	31.65	391
Estonia	24,193	37,800	56.24	—
Morocco	23,079	29,448	27.59	5,000
Bulgaria	17,213	15,000	12.85**	220
Luxembourg*	15,000	25,000	66.67	—
Palestine	12,200	20,358	67.11	—
Iceland	12,183	12,938	6.20	100
Tunic	10,592	13,383	26.47	—
Greece	6,317	13,717	117.14	—
Turkey	6,175	9,033	46.28	—
Syria & Levant	4,307	6,345	47.32	—

* No licence required. ** Decrease.
In Spain no return has been made since December, 1935, when the number of listeners was 303,983.

MORE ABOUT Howard Jacobs, by a London writer:

To proceed with which I had lunch the other day with one of my oldest friends, that superb saxophonist Howard Jacobs. You will remember that he came over here

in the early nineteen-twenties, and for ten years was at the Savoy and the company's allied hotels, Claridges and the Berkeley. About four months ago he returned from Australia, where for six months he had acted as a sort of Henry Hall for the Australian Broadcasting Commission.

To me Howard has always been one of life's problems. Such an artist ought to be working day and night, yet he finds it difficult to get jobs. One reason is that he has been used to getting anything up to £100 a week (that was his personal salary at the Savoy), and so far no one seems to have been able to get him to work for much less. Yet he ought to be able to make up the figure if only he would put his back into it. But he does not. He appears unable to realise that to-day one has to be something more than a fine instrumentalist with a charming personality. One has to make one's own jobs in this precarious profession, and that means being a business man and having imagination. Howard is not a business man. He is too kind, honest, and easy going. He has the temperament of the artist he is.

Nevertheless, it looks as though luck may soon come his way again. One of his oldest and greatest friends is Rudy Vallee, the man whose voice has made him a millionaire in America, even though his singing was thought too bad for him to be allowed to indulge in it when he was a member of the Savoy bands some eight or nine years ago. Rudy has never failed to appreciate Howard's unique abilities as a musician, and is talking about fixing up a job for him in the States. If it comes off it is more than likely that Howard will take with him one of our greatest dance band musician-arrangers. At the moment I am under a pledge of secrecy not to disclose the name of the contemplated lucky person, but when it is made public it is likely to cause considerable surprise, not to mention consternation in the famous band of which he is now an almost indispensable member. The negotiations between Rudy and Howard have been proceeding during the former's recent visit to London. Judging by what has been going on over their radio the Americans seem to have been almost as excited about our Coronation as we were, and Rudy was sent over because the Royal Gelatin Company, for which he broadcasts, thought that a couple of his weekly hours during our festive period would have a greater appeal if they were transmitted from London and featured British and European artists over here for the occasion.

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