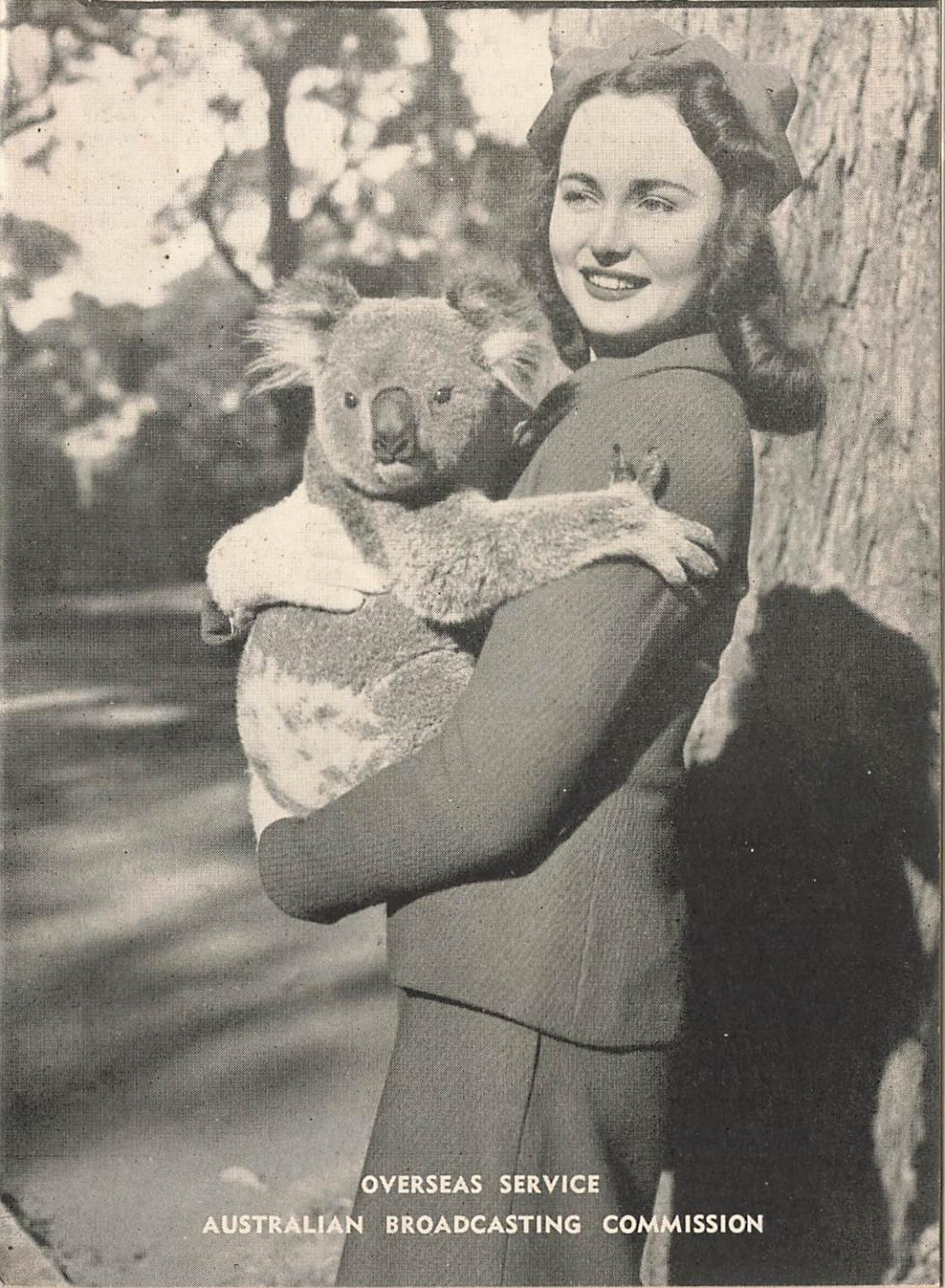


# Radio Australia



OVERSEAS SERVICE  
AUSTRALIAN BROADCASTING COMMISSION

# Australia's Research into Nuclear Physics

Professor E. W. Titterton gives a brief review of the work undertaken by the Research School of Physical Sciences of the Australian National University.

**The Australian National University, the buildings for which are now under construction in the heart of Australia's beautiful capital city, Canberra, is already a functioning unit.**

IT is a postgraduate University with four main Schools: Social Sciences, Pacific Studies, Medicine and Physical Sciences; all fields of great importance for the future of the Commonwealth and its neighbors. But I will confine my attention at the moment to the School of Physical Sciences of the University.

It was a splendid start for the School that the University was able to persuade a distinguished Australian, Professor M. L. Oliphant, to undertake the Directorship of the Laboratory. Professor Oliphant is a Fellow of the Royal Society and is one of the small band of men who, with Rutherford in Cambridge, established the groundwork of modern nuclear physics. The long term plan drawn up for the School involves work in Astronomy, Geophysics, Theoretical Physics and Nuclear Physics. Appointments to Chairs have already been made; Professor Woolley, who is Commonwealth Astronomer, is in charge of the Astronomy Department; Professor Jaeger has just been appointed to take charge of Geophysics and I have the honor to head the Department of Nuclear Physics.

Because of the Director's close interest and the great importance of the subject, it is not unnatural that a large part of the effort in the last three years has gone into establishing the Department of Nuclear Physics. In what follows I shall tell you something of the plans for this one Department of the School.

In order to study nuclear physics it is necessary to make and study nuclear reactions. For this purpose we accelerate nuclear particles to very high velocities and use these atomic bullets to bombard target

materials. Every once in a while one of the bombarding bullets gets close enough to a target nucleus to interact with it and cause a disintegration.

The products of this disintegration—or nuclear reaction as we call it—are detected and examined by special instruments. We shall instal two accelerating machines for this kind of work. The first, a modest machine to develop  $1\frac{1}{4}$  million volts, is already partly erected. It allows us to accelerate protons—hydrogen nuclei—to a velocity of 35 million miles per hour.

In this machine, which is air insulated, the atomic bullets are fired vertically downwards and move in a straight line towards the target. The accelerating tube, through which they pass, has to be 14 feet long to withstand the  $1\frac{1}{4}$  million volts. To prevent spark-over to the walls—which is very similar to a lightning flash and causes a resounding bang—a clearance of about 14 feet is needed in each direction. To house the machine, therefore, a building 40 feet high by 40 feet wide and 60 feet long is required. If we wanted still higher voltages the building would have to be increased in size, but the economics of the situation, difficulties with spark-over and other factors make the present size about the limit for this type of machine.

By enclosing the equipment in a pressure tank, voltages in the range 5 to 10 million can be achieved, but these are still not high enough for the purposes we have in mind.

With our second, and much larger, machine, we want eventually to accelerate particles to an energy equivalent to 2,000 million volts, and, from what has been said

above, it is clearly impossible to do this by direct application of the voltage.

Firstly such a voltage has never been made, and secondly we could not hope to construct a building or pressure tank big enough to hold it. To keep the size down we use a new principle—cyclotron principle invented by the American Nobel Prize Winner, Lawrence. Instead of firing the particles in a straight line we cause them to move in nearly circular paths between the poles of a large magnet. The atomic bullets are shot into the steady magnetic field from a specially designed gun and move in a circle like a stone on a string. Twice per revolution we apply a voltage which gives them a little kick making them go faster and so increasing the size of the circle. The path they follow in the magnetic field is shaped like the hair spring of a watch—the particles spiral out as they go faster and faster. The acceleration is thus achieved by the repeated application of quite low voltages which give the particles a push at the appropriate time. Because the particles get heavier as they go faster we have to take care to apply the push at the correct time—to synchronise it with the motion. So we call this machine a Synchro-Cyclotron.

The machine we are building in Canberra will use this idea to produce particles having an energy equivalent to 200 million volts when they reach the outermost part of the magnetic field. We hope to reach this stage early in 1954. Thereafter a new trick will be played on the particles to make them go still faster. This is the synchrotron principle conceived independently, and at about the same time, by McMillan in the U.S.A., Veksler in Russia and by the Australian Oliphant, at that time working in Birmingham, England.

When the particles reach the final orbit, about 50 in. radius in our case, they are accelerated again by the repeated ap-

plication of a small voltage. But this time they are held at constant radius by a strong pull towards the centre obtained by increasing the magnetic field. If we turn to our stone on a string analogy every small boy knows that the faster the stone goes the harder he has to pull on the string.

The limit to the energy we can get from our machine is determined by the strength of the pull we can exert. With a current of nearly a million amperes flowing in the air cored coils we expect to be able to accelerate particles to an energy somewhat over 2,000 million volts. We hope to achieve this by the end of 1955. This machine, which combines the principles of the cyclotron and synchrotron, has been named a Cyclo-Synchrotron by its inventor, Professor Oliphant. The one in Canberra will be the first to be built in the world. With it we shall be able to carry out experiments to determine what it is that holds the particles in a nucleus together and we shall be able to convert energy into matter to make, and study, the new entities known as mesons which have been discovered since the war in the cosmic radiation.

The men to work with these machines will be largely young Australian graduates. In the past most of the country's best students went abroad to obtain research training, but one of the important functions of the Australian National University is to provide facilities for such young men here in Australia. We also hope to have a sprinkling of research workers from England, Canada, the U.S.A. and Asia. The first such overseas scholar—a young Indian—will join the laboratory in March this year.

In this brief survey I hope I have said enough to indicate that we expect, within the next few years, to establish an active school of nuclear physics in Australia's National University.



Professor E. W. Titterton, the brilliant 36-year-old Professor of Nuclear Physics was appointed to the Australian National University in February, 1950.

In the early years of the 1939-45 war Professor Titterton worked on radar for H.M. Admiralty. In 1943 he was associated with the atomic bomb project being carried out by the British Department of Scientific and Industrial Research and later in the same year became a member of the British team, led by Sir James Chadwick, F.R.S., at Los Alamos, New Mexico, U.S.A. He was one of the group involved in testing the first atomic bomb at Alamogordo in New Mexico in July, 1945.

This Programme Guide covers Radio Australia transmissions commencing April 20th, 1952. The programme content will remain effective until October 26th. Frequencies shown in the following pages are, however, subject to alteration according to propagation requirements.

# A.B.C. Concert Season 1952

OVERSEAS listeners to Radio Australia will enjoy many fine concerts rebroadcast from the Home Service programmes during 1952. The general manager of the Australian Broadcasting Commission, Mr. Charles Moses, recently announced engagements of a number of prominent world artists, including Australians, for this year's concert season to be held in capital cities and towns throughout the Commonwealth.

Two of the Australians are singers John Brownlee and Kenneth Neate.



John Brownlee

Since he last toured Australia in 1939 for the A.B.C., John Brownlee has been one of the principals of the New York Metropolitan Opera, specialising in Mozart and Puccini operas. He was also outstanding in the Metropolitan's recent new production of "Die Fledermaus." Advantage will be taken of this visit to Australia to present him in opera seasons with the National Theatre Movement in Melbourne and with the N.S.W. National Opera, Inc., in Sydney.

Brownlee was a protege of Dame Nellie Melba, who launched him in London. He made his Paris debut in 1927 and joined the permanent roster of singers at the Paris Opera House. He was born in Geelong, Victoria.

Kenneth Neate, now 37, resigned from the Sydney police force in 1939 to become a professional singer. The A.B.C. engaged him to tour as associate artist with the Icelandic soprano, Maria Marken, and to sing with its orchestras at several celebrity concerts.

In 1941 Neate went to America, where he was sponsored by fellow-Australian John Brownlee, who also coached him.

He was engaged by Sir Thomas Beecham for the tenor part in Dvorak's "Stabat Mater" at the Montreal Festival and he sang in broadcasts of operas and other works on the American and Canadian radio networks before joining the Canadian Air Force.

After his discharge in 1946 he went to London, where he sang principal lyric tenor roles at Covent Garden from 1946 to 1950. He has also appeared in many of the leading French and Italian opera houses. Italy is now his headquarters.

Kenneth Neate was born in Cessnock, New South Wales.

Other visiting artists to be heard in Radio Australia's General Overseas and Asian Services include Dorothy Maynor (American negro soprano), Walter Gieseking (pianist); Elena Nikolaidi (Greek dramatic soprano); Michael Rabin (prodigy violinist); Badura-Skoda (young Viennese pianist); Burl Ives (American folk song interpreter) and the leading South American conductor Juan Jose Castro.

## "Happy to Know You"

RADIO Australia listeners in the British Isles and Europe will have enjoyed the new half-hour light-hearted feature "Happy to Know You," which made its appearance in our programme last month. The session, written by Donald Inghram Smith, is a programme by New Australians with entertainment value and human interest, striking occasionally a more serious note.

Recent British and European migrants to Australia and others not so recent, tell how they are settling down to a new life in this country. The compere are Home Service announcer Richard Trent and a young Sydney fashion designer, Margaret Nebenzahl, who came originally from Poland, and who is a graduate of the Sydney University.

"Happy To Know You" may be heard in the British Isles and Europe Service on Fridays at 0645 and 2115 GMT.



Kenneth Neate

# Australian Jubilee Competition Results

The Director-General of the Australian Jubilee celebrations, Lieutenant-General F. H. Berryman, recently announced the names of the successful competitors for the music and literary competitions open to British-born subjects throughout the world.

A British composer, Dr. David Moule-Evans, has won first prize of £1,000 in the Commonwealth Jubilee composers' competition. Second prize of £250 has been awarded to Mr.

Robert Hughes, of Melbourne, Australia, and the third, of £100, to Mr. Clive Douglas, of Sydney, Australia.

The competition was for a symphony for full symphony orchestra. It attracted 89 entries, including 36 from Australia and 42 from Great Britain.

Dr. Moule-Evans is a member of the professional staff of the Royal College of Music at London.

Mr. Hughes is music arranger for the A.B.C. in Melbourne.

Mr. Douglas, the third prize winner, is Victorian born, and is also with the A.B.C.

First prize of £1,000 in the Jubilee competition for novels was awarded to Mr. T. M. Ronan, of Katherine, in the Northern Territory (Australia). The novel, "Vision Splendid," describes life on a cattle-

station in the Territory over the past three decades. The judges commented that it is "written with breadth, individuality and authority," and "is a large and impressive achievement, a major work of fiction founded on factual observation, which seems likely to obtain a place in the future among the Australian novels that endure."

Lieutenant-General Berryman said that the winner of the second prize of £500 is the Sydney writer D'Arcy Niland with his book "The Big Smoke." At the request of the judges, a third prize of £300 has been awarded to "Provoke the Silent Dust" by Mrs. V. A. Dryvynsdy, of Vancouver, Canada.

The competition was open to British subjects, whether resident in Australia or overseas and there were nearly 300 entries, including a considerable number from overseas.



Robert Hughes

## The 1952 "Mobil Quest"

Radio Australia is again transmitting the Australian talent quest for singers, which this year is worth £2,200, an increase of £500 over last year's prize money. The sponsors of "Mobil Quest" decided on the increase to give keener competition to the Quest.

From an original entry of 673 contestants, 54 have been selected to take part in the 18 heats and six semi-finals of the contest.

There has been a slight alteration to the presentation of the programme which will be up to the usual high standard. Each competitor in the 1952 "Mobil Quest" will sing



Margaret Nesbitt, winner of the 1951 "Mobil Quest."

—Portrait by Dickinson - Monteath Studio.

a ballad or item from musical comedy, and either a selection of aria or oratorio. This will mean that each contestant will make two separate appearances on the programme and will give listeners a better opportunity of assessing their merits. As in past years, each singer will be accompanied by the Australian Symphony Orchestra under the direction of Hector Crawford.

The adjudicators will be Hector Crawford, Dr. Leslie Edgar Bainton, F.R.C.M., (London), Rev. Dr. Percy Jones, Ph.D.Mus., Mrs. Frank Tait (Viola Wilson), and Mr. Bruce Bellamy.

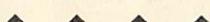
# Radio Australia Personalities

## Martin Manelis



Martin Manelis

MARTIN Manelis joined the staff of Radio Australia in 1947 and for the past several years has been in charge of the French language transmissions. A Master of Economics (Geneva), he also holds the teaching Diploma of the Alliance Française in Paris. Apart from documentary talks, his regular features include the "Economic Review" and "Mailbag" especially written for French-speaking listeners throughout the world. M. Manelis has published articles on Australia in France and other French-speaking countries. He is married with two children.

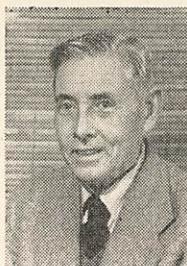


## Burt Millane

BURT Millane, officer-in-charge of Radio Australia's Indonesian Section, has been associated with the Radio Australia service for the past four years. He served with the Royal Australian Air Force in the islands north of Australia during World War II, and upon demobilization joined his brother in the commercial field.

Mr. Millane is a student of languages and his long-standing interest in Indonesia—intensified during the war years—led him to a career with Radio Australia. In 1948 he joined the Indonesian Section and in 1951 was given charge of the Section.

## Ralph Aston



Ralph Aston

MANCHESTER born Ralph Aston was admitted as a solicitor in London in 1905, and immediately afterwards joined the Siamese Ministry of Justice as a Legal Adviser. For 29 years he sat mostly as a judge of the mixed tribunals under the Appeal Court in Siam. He came to Australia in 1940, spending the next three years in the Censors' Office in Western Australia. Two years later, the A.B.C. engaged him to take charge of Siamese broadcasts from Australia. Mr. Aston has been presenting the Siamese programmes for the past seven years from Radio Australia and his voice is familiar to his radio audience in Siam.



## Our Cover Picture



The koala or "Native Bear" is the most lovable of all Australian animals, as all the world knows from its nursery replica, the Teddy Bear. It is not really a bear at all. It is a marsupial, and the baby Koala—one cub a season, born in winter time—spends its first few months in the mother's pouch, and then on her broad, thickly furred back.

The name Koala is taken from an aboriginal word meaning "no drink," and indeed all the drink the Koala takes is got from the juicy eucalypt leaves that are its only food, and from the dew.

## PROGRAMMES EN FRANCAIS

Pour TAHITI et l'EUROPE . . . 25 mètres 51

et l'INDOCHINE . . . 19 mètres 72

## RADIO AUSTRALIE

### DIMANCHE

GMT  
0555: Indicatif Musical  
0600: Jacko  
0602: "Maitres de la Musique"  
0615: Nouvelles d'Australie et d'outre-mer  
0625: "Chanteurs Australiens"  
0630: Causerie du Prof. Chisholm ou Courrier de M. Manelis  
0637: "Pianistes Australiens"  
0645: Fin.

### LUNDI

0555: Indicatif Musical  
0600: Jacko  
0602: "Musique de Danse"  
0615: Nouvelles d'Australie et d'outre-mer  
0625: "Musique Classique"  
0630: "Causerie Economique" de Martin Manelis  
0635: "Album de Chants"  
0645: Fin.

### MARDI

0555: Indicatif Musical  
0600: Jacko  
0602: "Le Charme de la Musique"  
0615: Nouvelles d'Australie et d'outre-mer  
0625: "Musique Classique"  
0630: Causerie "l'Australie au jour le jour"  
0635: "Ouvertures Populaires"  
0645: Fin.

### MERCREDI

0555: Indicatif Musical  
0600: Jacko  
0602: "Musique Classique"  
0615: Nouvelles d'Australie et d'outre-mer  
0625: "Chanteurs Australiens"  
0630: "Rapport de Canberra"  
0635: "Pour Tous les Gouts"  
0645: Fin.

### JEUDI

0555: Indicatif Musical  
0600: Jacko  
0602: "Cafe Chantant"  
0615: Nouvelles d'Australie et d'outre-mer  
0625: "Musique Classique"  
0630: "Alliance Française"  
0637: "Artistes Australiens"  
0645: Fin.

### VENDREDI

GMT  
0555: Indicatif Musical  
0600: Jacko  
0601: "Les Artistes Australiens"  
0615: Nouvelles d'Australie et d'outre-mer  
0625: "Musique Classique"  
0630: "Causerie Documentaire"  
0635: "Vedettes de la Chanson"  
0645: Fin.

### SAMEDI

0555: Indicatif Musical  
0600: Jacko  
0602: "Pour Danse"  
0615: Nouvelles d'Australie et d'outre-mer  
0625: "Musique Classique"  
0630: "Magazine de la Semaine"  
0637: "Pianiste de Jazz"  
0645: Fin.

### ATTENTION!

Jusqu'à nouvel avis,  
il n'y aura pas d'émission  
le samedi pour Tahiti et  
l'Europe.

### PROGRAMMES

#### POUR LA NOUVELLE CALEDONIE

... . . . 25 mètres 40

### GMT

0725: Indicatif Musical  
0730: Jacko  
0733: "Musique Liturgique"  
0745: Causerie du Prof. Chisholm ou Courrier de M. Manelis  
0755: "Intermezzo Musical"  
0800: Nouvelles d'Australie et d'outre-mer  
0810: Bulletin Meteorologique  
0812: "Disque de l'auditeur"  
0830: Fin.

### LUNDI

0725: Indicatif Musical  
0730: Jacko  
0733: "Les Artistes Australiens"  
0745: "Causerie Economique" de Martin Manelis  
0750: "Musique Classique"  
0800: Nouvelles d'Australie et d'outre-mer  
0810: Bulletin Meteorologique  
0812: "Musique Pour Tous"  
0830: Fin.

### MARDI

GMT  
0725: Indicatif Musical  
0730: Jacko  
0733: "Dix Minutes de Serenade"  
0745: Causerie "l'Australie au jour le jour"  
0750: "Executants Australiens"  
0800: Nouvelles d'Australie et d'outre-mer  
0810: Bulletin Meteorologique  
0812: "Musique Pour Tous"  
0830: Fin.

### MERCREDI

0725: Indicatif Musical  
0730: Jacko  
0733: "Cafe Chantant"  
0745: Causerie "Rapport de Canberra"  
0750: "Musique de Valse"  
0800: Nouvelles d'Australie et d'outre-mer  
0810: Bulletin Meteorologique  
0812: "Potpourri Musical"  
0830: Fin.

### JEUDI

0725: Indicatif Musical  
0730: Jacko  
0733: "Selection de Musique Legere"  
0745: "Alliance Française"  
0800: Nouvelles d'Australie et d'outre-mer  
0810: Bulletin Meteorologique  
0812: "Solistes Internationaux"  
0815: "Session Enfantine"  
0830: Fin.

### VENDREDI

0725: Indicatif Musical  
0730: Jacko  
0733: "Musique Legere"  
0745: Causerie Documentaire"  
0750: "Orchestres Internationaux"  
0800: Nouvelles d'Australie et d'outre-mer  
0810: Bulletin Meteorologique  
0812: "Les Artistes Australiens"  
0830: Fin.

### SAMEDI

0725: Indicatif Musical  
0730: Jacko  
0733: "Vos Chansons Preferees"  
0745: "Magazine de la Semaine"  
0755: "Pianistes Australiens"  
0800: Nouvelles d'Australie et d'outre-mer  
0810: Bulletin Meteorologique  
0812: "Au Bal du Samedi Soir"  
0830: Fin.

	SUNDAY	MONDAY	TUESDAY
2213	VLC opens (2229)	VLC opens	VLC opens
2215	"Australian Record Album" (2230)	"The Orchestra Plays"	"The Orchestra Plays"
2245	News Bulletin		
2300	"Masters of the Piano" (2255)	"Music While You Work"	"Music While You Work"
2315	"Recent Releases"	"World's Great Music" (VLA)	"Master Musicians" (VLA)
2330	"Divine Service (VLC)"	"Tunes at the Keyboard" (VLC)	"Music of the Theatre" (VLC)
	"Music of the Masters" (VLA)	"Kindergarten of the Air" (VLA)	"Kindergarten of the Air" (VLA)
0000	"Book Review" (VLA)	"Daily Devotional"	"Daily Devotional"
0015	"Music for Strings" (VLC)	"Popular Overtures"	"Popular Overtures"
	"Symphony Hour" (VLA)		
0030	"Operatic Half-Hour" (VLC)	"The World Applauds"	"The World Applauds"
0050	"Operatic Half-Hour" (VLA)	VLA, VLC close, VLG opens	VLA, VLC close, VLG opens
0100	"The Magic of Melody" (VLA)	"The Symphony Hour"— relayed from the Melbourne National Home Service studios	"The Symphony Hour"— relayed from the Melbourne National Home Service studios
	"Australian Radio Reel" (VLC)		
0115	"Song Folio" (VLC)		
0130	"News from Home"		
0140	"Young Australia Recital"		
0200	"As You Like It" (VLC)	"Tops of the Hit Parade"	"Tunes from Operettas"
0215	"The Showman" (VLA)	Serial—"Blue Hills"	Serial—"Blue Hills"
0230	"This is Britain" (VLC)	"Listeners' Choice"	"Listeners' Choice"
	"Midday Melody" (VLC)		
0245	"Mobil Quest"—compered by John Curtis (VLA)	VLG closes; VLA, VLC open	VLG closes; VLA, VLC open
		"Agricultural Talk" (0248)	"Agricultural Talk" (0248)
0300	News Bulletin	News Bulletin	News Bulletin
0315	"Lunchtime Favourites" (0310)	"Lunching and Listening" (VLC)	"Lunching and Listening"
		"I'll Pay That One" (VLA)	
0330	"Young Australia Recital"	"Young Australia Recital"	"Young Australia Recital"
0340	"Music of the Ballet" (0350)	"Sunshine and Shadow" (VLC)	"Melody on the Move"
		"Music of the Theatre" (VLA)	
0400	News Bulletin	News Bulletin	News Bulletin
0410	"Orchestral"	"Orchestral"	"Orchestral"
0415	VLA closes	VLA closes	VLA closes
	"For the Music Lover" (VLC)	"For the Music Lover" (VLC)	"For the Music Lover" (VLC)
0430	"Young Australia Recital"	"Australia's Amateur Hour"—compered by Terry Dear	"Twentieth Century Music"
0445	"Magazine of the Week"		Talk: "The Australian Scene" (0450)
0500	Overseas Mailbag—presented by Ron White		"Australian on Record"
0515	News Bulletin	News Bulletin	News Bulletin
0525	"Light Orchestral Interlude"	"Theatre Organist"	"Orchestral Interlude"
0530	"Band Parade"		
0545	"Songs and Their Singers"	"Music While You Work"	"Music While You Work"
0600	BBC News	BBC News	BBC News
0610	"Sunday Concert" relayed from the National Home Service	"Star Artist"	"Australians on Record"
0615		"The Best in Music"— relayed from the National Home Service	"The Best in Music"— relayed from the National Home Service
0630			"Tip Top Tunes"—with Jim Gussey and the ABC augmented Dance Band (0710)
0700	"Young Australia Recital"		
0715	"Symphony Hall"	"Australian Composers' Session"	
0730			"Famous Theatre Organists"
0745	"Famous Theatre Organists"	"Music of the Theatre"	"Evening Serenade"
0800	"Sunday Serenade"	VLC closes	VLC closes
0815	VLC closes		

## SOUTH AND SOUTH-EAST ASIA

WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
VLC opens "The Orchestra Plays"	VLC opens "The Orchestra Plays"	VLC opens "The Orchestra Plays"	VLC opens "The Orchestra Plays"
"Music While You Work"	"Music While You Work"	"Music While You Work"	"Music While You Work"
"Fine Music" (VLA)	"Everyman's Music" (VLA)	"World's Great Music" (VLA)	"Master Musician" (VLA)
"The World of Song" (VLC)	"The World of Song" (VLC)	"New Releases" (VLC)	"Song Time" (VLC)
"Kindergarten of the Air" (VLA)	"Kindergarten of the Air" (VLA)	"Kindergarten of the Air" (VLA)	"Kindergarten of the Air" (VLA)
"Daily Devotional"	"Daily Devotional"	"Daily Devotional"	"Daily Devotional"
"Popular Overtures"	"Popular Overtures"	"Popular Overtures"	"Popular Overtures"
Talk: "Calling Asia"	"The World Applauds"	"The World Applauds"	Talk: "Calling Asia"
VLA, VLC close, VLG opens	VLA, VLC close, VLG opens	VLA, VLC close, VLG opens	"The World Applauds" (0040)
"The Symphony Hour"— relayed from the Melbourne National Home Service studios	"The Symphony Hour"— relayed from the Melbourne National Home Service studios	"The Symphony Hour"— relayed from the Melbourne National Home Service studios	"The Symphony Hour" (VLA)
			"Turf News" (VLC)
			"Saturday Song Time" (VLC)
			"Melody on the Move" (VLC)
"Best Sellers"	"Music from the Films"	"South American Rhythm"	"Famous Dance Bands"— relayed from the Home Service
Serial—"Blue Hills"	Serial—"Blue Hills"	Serial—"Blue Hills"	"Midday Melody"
"Listeners' Choice"	"Listeners' Choice"	"Listeners' Choice"	"Luncheon Music"
VLG closes; VLA, VLC open	VLG closes; VLA, VLC open	VLG closes; VLA, VLC open	
"Agricultural Talk" (0248)	"Agricultural Talk" (0248)	"Agricultural Talk" (0248)	
News Bulletin	News Bulletin	News Bulletin	News Bulletin
"Lunching and Listening" (VLC)	"Lunching and Listening"	"Lunching and Listening" (VLC)	"Lunchtime Favourites" (0310)
"Young Australia Recital"	"Young Australia Recital"	"Young Australia Recital"	"Concerto Half-Hour" (0325)
"Everyman's Music"	"Music of the Masters"	"Famous Orchestras"	
News Bulletin	News Bulletin	News Bulletin	News Bulletin
"Orchestral"	"Orchestral"	"Orchestral"	"Orchestral"
VLA closes	VLA closes	VLA closes	VLA closes
"For the Music Lover" (VLC)	"For the Music Lover" (VLC)	"For the Music Lover" (VLC)	"For the Music Lover" (VLC)
			"News from Home" (0435)
"Mobil Quest"—compered by John Curtis	"Australian Artists Perform"	"Australian Artists Perform"	"Music for Millions"
			Talk: "Australian Arts Review" (0450)
Talk: "Behind the News"	"Australian Radio Reel"	"Australian Radio Reel"	"Australian Artists Perform"
News Bulletin	News Bulletin	News Bulletin	"Australian Artists Perform"
"Australian Pianist"	"Australian Dance Band"	"Orchestral Interlude"	News Bulletin
"Music While You Work"	"Music While You Work"	"Music While You Work"	"Singers and Their Songs"
			"Music of the British Isles"
BBC News	BBC News	BBC News	BBC News
"Star Artist"	"As You Like It"	"Everyman's Music"	"Listeners' Choice"
"The Best in Music"— relayed from the National Home Service	"The Best in Music"— relayed from the National Home Service	"The Best in Music"— relayed from the National Home Service	"Australian Radio Reel"
"Tip Top Tunes"—with Jim Gussey and the ABC augmented Dance Band (0710)	"The Village Glee Club" (0710)	"Evensong"—from Australian Anglican Cathedrals	"Melody Serenade"— relayed from the National Home Service (0630)
		"Australian Short Story"	
		"World's Great Music"	"Organists of Australia"
"Melody on the Move"	"New Releases"	"Music of the United Nations"	"Accent on Melody"
"Evening Serenade" VLC closes	"Evening Serenade" VLC closes	"Evening Serenade" VLC closes	"Evening Serenade" VLC closes

## PROGRAMMES FOR LISTENERS IN

GMT	SUNDAY	MONDAY	TUESDAY
0828	VLC opens; Jacko: Programme summary	VLC opens; Jacko: Programme summary	VLC opens; Jacko: Programme summary
0830	Feature programme relayed from the Home Service	"Dinner Music"	"Dinner Music"
0845	VLG opens. "Everyman's Music"	VLG opens. "Dinner Music"	VLG opens. "Dinner Music"
0900	News Bulletin	News Bulletin	News Bulletin
0910	"Orchestral"	"Concert Hall"	"Concert Hall"
0915	Talk: "Guest of Honour"		
0930	"Clive Amadio's Quintet"		"Calling Asia" (0950)
1000	"Star Parade" (VLC)	"Ring Up The Curtain" —15 minutes of operatic excerpts	"Australian Radio Reel"
	"Take It From Here" (VLA)		
1015	Indonesian Programme (VLC, VLG)	Indonesian Programme (VLC, VLG)	Indonesian Programme (VLC, VLG)
1030	"Sunday Night Play" (VLA)	"Wilfrid Thomas Show" (VLA)	"Village Glee Club" (VLA)
1045		"Star Artist" (VLA)	"Music of the Islands" (VLA)
1100	RBC News	BBC News	BBC News
1110	Australian News	Australian News	Australian News
1115	"Hall of Harmony" — presented by John Rovle (VLC, VLG)	"Fine Music"—arranged by Timothy Cousins (VLC, VLG)	ABC Home Service Recital or Concert (VLC, VLG)
	"In Quires and Places Where They Sing" (VLA)	"Singers and Their Songs" (VLA)	"Variety Half-Hour" (VLA)
1130	"Young Australia Recital" (VLA)	"Around the Bandstand" (VLA)	
1145	VLA closes	VLA closes	VLA closes
1200	"News from Home"	"Clive Amadio's Quintet" —a delayed broadcast presented from the Home Services Studios	"Records Seldom Heard"
1210	"Orchestral Interlude"		"Tuesday Night Story"
1215	"Mobil Quest" — compered by John Curtis	Talk: "Canberra Report"	"Continental Cabaret"— relayed from the Home Service
1230	"Pacific Mailbag"—presented by Ron White	Boxing Summary	"Rolling Round The World"— relayed from the Home Service
1245	News Bulletin	News Bulletin	News Bulletin
1300	"Australia's Amateur Hour"—compered by Terry Dear	"Australian Newspaper Editorial Opinions"	United Nations News
1310		"Composer of the Week"	United Nations News
1315		"Tip Top Tunes"—with Jim Gussey and the ABC Augmented Dance Band	"Album of Familiar Music"
1325		"Light Piano"	Talk: "The Australian Scene" (1330)
		"Listeners' Choice"	"Masters of the Piano" (1340)
1355	"Australian Pianist"		"Light Orchestral"
1402	"Australian DX-ers calling"—presented by Graham Hutchins	Talk: "Canberra Report"	"Australian on Record"
1415	"As You Like It"		Talk: "Calling Asia"
1430	News Bulletin	News Bulletin	News Bulletin
1440	"Celebrity Violinist"	"Orchestral Music"	"Around the Bandstand"
1445	"Magazine of the Week"	"Waltz Time"	
1502	"Australian on Record"	"Everyman's Music"	"Music of the Ballet"
1515	"Music to Charm"	"Melody on the Move"	Talk: "The Australian Scene"
1530	News Bulletin	News Bulletin	News Bulletin
1540	"Orchestral Music"	"Australian Newspaper Editorial Opinions"	"Australian Newspaper Editorial Opinions"
1545	"In Quires and Places Where They Sing"	"Music by Australian Composers"	"Australian Dance Bands"
1600	"Magazine of the Week"	Talk: "Canberra Report"	"World's Great Music"
1615	Close down	Close down	Close down

VLC 11

VLA 11

VLG 15

## SOUTH AND SOUTH-EAST ASIA

WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
VLC opens; Jacko: Programme summary "Dinner Music"	VLC opens; Jacko: Programme summary "Dinner Music"	VLC opens; Jacko: Programme summary "As I Like It"	VLC opens; Jacko: Programme summary "Sporting Roundup" — prepared by Ray McDonald
VLG opens. "Dinner Music"	VLG opens. "Dinner Music"	VLG opens. "As I Like It"	News Bulletin "Light Orchestral" "Weekend Magazine" (VLC) "Concert Hall" (VLG)
News Bulletin "Concert Hall"	News Bulletin "Concert Hall"	News Bulletin "Concert Hall"	"Pacific Mailbag" (VLC) Saturday Concert (VLA)
"Song Album" (0945)	"Singers and Their Songs" (0945)	Talk: "Calling Asia" (0950)	Indonesian Programme (VLC, VLG)
"Rhythm on Record"	Talk: "Economic Review"	"Master Musician"	"Calling Antarctica" (VLA)
			"Variety on Record" (VLA)
Indonesian Programme (VLC, VLG) "I'll Pay That One" (VLA)	Indonesian Programme (VLC, VLG) "Fred Hartley's Ensemble" (VLA)	Indonesian Programme (VLC, VLG) "Concerto Half-Hour" (VLA)	Indonesian Programme (VLC, VLG)
"Famous Tenors" (VLA)	"Variety on Record" (VLA)	BBC News Australian News ABC Home Service Recital or Concert (VLC, VLG)	BBC News Australian News ABC Home Service Recital or Concert (VLC, VLG)
BBC News Australian News "Ray's a Laugh" (VLC, VLG)	"Star Artist" (VLA)	"Sports Page from Australia" (VLA)	"Sports Page from Australia" (VLA)
"The Orchestral Half-Hour" (VLA)			
VLA closes	"Tops of the Hit Parade" (VLA)	"Song Time" (VLA)	VLA closes
	VLA closes	VLA closes	VLA closes
"Sporting Digest" (VLC, VLG)	Talk: "Behind the News"	Talk: "Economic Review" (1202)	Wrestling description from the West Melbourne Stadium, by Eric Welch (1145)
	"Music for Millions"	"Music for Millions" (1212)	"Tonight We Dance" "Australian Radio Reel"
"Rolling Round The World"— relayed from the Home Service	"I'll Pay That One"— compered by John Juan	"Clive Amadio's Quintet"	News Bulletin United Nations News
News Bulletin United Nations News	News Bulletin United Nations News	News Bulletin United Nations News	News Bulletin United Nations News
"Take It From Here"— with Joy Nicholls and Dick Bentley	"Music by Australian Composers"	Light Entertainment Feature	BBC Variety programme
Talk: "The Australian Scene" (1330)	"Australian Short Story" (1330)		
"Masters of the Piano" (1340)	"Tunes from the Movies" (1345)	"Music of the Masters" (1345)	"Music to Charm" (1345)
"Light Orchestral"	"Light Orchestral"	"Light Orchestral"	"Light Orchestral"
"Listeners' Choice"	"Listeners' Choice"	"Best Sellers"	"Listeners' Choice"
Talk: "Behind the News"	"Songs by Australian Composers"	Talk: "Calling Asia"	"Australian Radio Reel"
News Bulletin "Australian Singers"	News Bulletin "Australian Pianist"	News Bulletin "Music of the Theatre"	News Bulletin "Today's Ballad Singer" "Australian Artists Perform"
	Talk: "Economic Review"		"Music of the Masters"
"Listeners' Choice"	"As You Like It"	"Australian Dance Music"	Talk: "News from Home"
	"Australian Short Story"	"Australian Arts Review"	News Bulletin "Australian Artists Perform"
"Australian Sporting Digest"	"Australian Newspaper Editorial Opinions"	News Bulletin "Australian Newspaper Editorial Opinions"	"Music for Millions"
News Bulletin "Australian Newspaper Editorial Opinions"	"Songs by Australian Composers"	"Mobil Quest"—a nationwide search for Australian vocal talent; compered by John Curtis	
"Australian Dance Bands"			
	"Everyman's Music"	"Everyman's Music"	"Australian Singers"
Close down	Close down	Close down	Close down

Borneo, China, Celebes, add 8 hours; Malaya, Java, Sarawak, Borneo, add 7½ hours; South Sumatra, add 5½ hours; Afghanistan, West Pakistan, add 4½ hours; Iran, add 3½ hours.

VLC 11  
11.88 mc/s.  
25.32 m.VLC 11  
11.88 mc/s.  
25.25 m.Times shown above are Greenwich Mean Time. To convert to clock time in Western Australia, North Thailand, add 7 hours; Burma, North Sumatra, Assam, East Pakistan, add 6½ hours; India, Ceylon, VLA 11  
11.85 mc/s.  
25.32 m.

Page Ten

Page Eleven

## PROGRAMMES FOR THE FORCES IN

15	GMT	SUNDAY	MONDAY	TUESDAY
	2030	News Bulletin "Facing the Week"	News Bulletin "Australian Newspaper Editorial Opinions"	News Bulletin "Australian Radio Reel"
	2040		"In Quires and Places Where They Sing"	"Start the Day Right"
	2045	"Sunday Morning Serenade"	"Start the Day Right"	"Start the Day Right"
	2100	"Music by Australian Composers"	"Breakfast Session"	"Breakfast Session"
	2115	"Soft Lights and Sweet Music"	News Bulletin "Morning Melody"	News Bulletin "Morning Melody"
	2145	"Australian Record Album" (2230)	"Hospital Half-Hour"— Compered by Russ Tyson	"Hospital Half-hour" Compered by Russ Tyson
	2200	News Bulletin Close Down (2315)	News Bulletin Close Down	News Bulletin Close Down
	2215			
	2245			
	2300			

15	0156	Jacko: Prog. Summary "The Showman"	Jacko: Prog. Summary "Orchestral"	Jacko: Prog. Summary "Orchestral"
	0200	"Mobil Quest"—a nation-wide search for Australian vocal talent.	Agricultural Talk	Agricultural Talk
	0230		News Bulletin	News Bulletin
	0245		"I'll Pay That One"—a quiz programme, compered by John Juan	"Lunching and Listening"
	0246		"Young Australia Recital"	"Young Australia Recital"
	0248		"Music of the Ballet"	"Melody on the Move"
	0300		"Music of the Theatre"	Tonight's Programme
	0315		Tonight's Programme	News Bulletin
	0330		News Bulletin	Close Down
	0345			
	0358			
	0400			
	0415			

15	0800	"A.B.C. Hit Parade"	"Evening Serenade"	"Evening Serenade"
	0830	"Community Hymn Singing"	"Sporting Round-up"	"Sporting Round-up"
	0845			
	0900			
	0915	News Bulletin "Australia's Amateur Hour" Compered by Terry Dear (0910)	Serial News Bulletin "Tip Top Tunes"— With Jim Gussey and the ABC Dance Band	Serial News Bulletin "Over to You" (BBC)
	0930			
	0945			

15	0949	VLA Closes	VLA Closes	VLA Closes
	1000	"Take It From Here" (BBC) Relayed from the Home Service	"Wilfred Thomas Show" (1015) Relayed from the Home Service	"Village Glee Club" (1015) Relayed from the Home Service
	1030			
	1100			
	1115	BBC and Australian News "Hall of Harmony" Compered by John Royle	BBC and Australian News "Fine Music" Arranged and Annotated by Timothy Cousens	BBC and Australian News Concert or Recital (Relayed from the Home Service)

15	1145			
	1200	"News From Home" Prepared by Ron Stephens	"Clive Amadio's Quintet" (Delayed Broadcast presented from the Home Service)	"Records Seldom Heard"
	1215	"Mobil Quest"—a nation-wide search for Australian vocal talent. Comp. by John Curtis		"Tuesday Night Story"
	1230			

15	1245			
	1300	"Pacific Mailbag"	"Boxing Summary"	"Continental Cabaret" (Relayed from the Home Service)
	1310	News Bulletin "Australia's Amateur Hour" Compered by Terry Dear	News Bulletin "Australian Newspaper Editorial Opinions"	News Bulletin U.N. News from Lake Success
	1315		"Composer of the Week"	"Album of Familiar Music"

15	1330			
	1345		"Tip Top Tunes" (1325) (Delayed Broadcast)	Talk: "The Australian Scene" "Masters of the Piano" (1340)
	1355	Close Down	Close Down	Close Down

Times shown above are Greenwich Mean Time. To convert to clock time in Dutch New Guinea add 9½ hours.

VLB15  
15.16 mc/s.  
19.79 m.

VLB21  
21.54 mc/s.  
13.93 m.

## JAPAN AND NORTH PACIFIC ISLANDS

15	GMT	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	0156	Jacko: Prog. Summary "The Showman"	Jacko: Prog. Summary "Orchestral"	Jacko: Prog. Summary "Orchestral"	Jacko: Prog. Summary "Master Pianist"	Jacko: Prog. Summary "Celebrity Violinist"	News Bulletin "Australian Newspaper Editorial Opinions"	News Bulletin "Australian Newspaper Editorial Opinions"
	0200	"Mobil Quest"—a nation-wide search for Australian vocal talent.	Agricultural Talk	Agricultural Talk	Agricultural Talk	Agricultural Talk	"Australian Sporting Digest"	"Midday Melody"
	0230		News Bulletin	News Bulletin	News Bulletin	News Bulletin	"Australian Sporting Digest"	(Relayed from the National Home Service)
	0245		"I'll Pay That One"—a quiz programme, compered by John Juan	"Lunching and Listening"	"Lunching and Listening"	"Lunching and Listening"	"Young Australia Recital"	News Bulletin
	0246		"Young Australia Recital"	"Young Australia Recital"	"Young Australia Recital"	"Young Australia Recital"	"Famous Orchestras"	"Sporting Service"
	0248		"Music of the Ballet"	"Melody on the Move"	"Melody on the Move"	"Melody on the Move"	Tonight's Programme	Descriptions and Commentaries of Major Sporting Events interspersed with Music
	0300		"Music of the Theatre"	Tonight's Programme	Tonight's Programme	Tonight's Programme	News Bulletin	Close Down at 0730 GMT
	0315		Tonight's Programme	News Bulletin	News Bulletin	News Bulletin	Close Down	"Evening Serenade"
	0330		News Bulletin	Close Down				"Sporting Round-Up," prepared by Ray McDonald
	0345							News Bulletin
	0358							Light Entertainment Feature
	0400							Dictation News (VLA)
	0415							"Behind the Footlights" (0930) relayed from the Home Service
	0800							VLA Closes
	0830							"Calling Antarctica" (1015) compered by Lesley Hartung
	0845							"Saturday Night Playbill" relayed from the Home Service
	0900							
	0915							
	0930							
	0945							
	1000							
	1030							
	1100							
	1115							
	1145							
	1200							
	1215							
	1230							
	1245							
	1300							
	1310							
	1315							
	1330							
	1345							
	1355							

hours; New Zealand, Fiji, add 12 hours; China, Celebes, North Borneo, add 8 hours; Hong Kong, add 9 hours; Eastern Australia, New Guinea and Japan, add 10 hours.

VLB 9  
9.58 mc/s.  
31.32 m.

VLA 11  
11.85 mc/s.  
25.32 m.

## PROGRAMMES FOR LISTENERS IN

GMT	SUNDAY	MONDAY	TUESDAY
VLB 9	<b>MORNING</b> 0555 Tuning Signal 0600 Jacko: Programme Summary 0602 "Music for Millions" 0610 Talk: "News from Home"—a digest of the week's news for Australians living abroad	Tuning Signal Jacko: Programme Summary "Star Artist"	Tuning Signal Jacko: Programme Summary "Australians on Record"
	0615 Talk: "Canberra Report"	Talk: "The Australian Scene"	"Australian Sporting Digest"—presented by Ray McDonald
	0620 "World's Great Music"	Interlude — Orchestral News Bulletin	Interlude — Orchestral News Bulletin
	0625 News Bulletin	"Australian Newspaper Editorial Opinion"	"Australian Newspaper Editorial Opinion"
	0630 Interlude — Orchestral	"Mobil Quest"—a nationwide search for Australian vocal talent—comperc John Curtis	"Everyman's Music"
	0645 "In Quires and Places Where They Sing"—presented from Australian Churches and Cathedrals	"World's Great Music"	"Australian Artists Perform"
	0700 "Young Australia Recital"	"Tip Top Tunes" — a delayed broadcast presented from the Home Services studios, with Jim Gussey and the ABC Dance Band (0710)	Talk: "Behind the News" "The Village Glee Club"—a delayed broadcast presented from the Home Services studios (0710)
	0715 "Australian DX-ers calling"—presented by Graham Hutchins	"Australian Composers Session"	"Australian Short Story"
	0730 "Star Artist"	"Melody Time"	"World's Great Music"
	0741 Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down
VLC 9	<b>EVENING</b> 1955 Tuning Signal 2000 Jacko: Programme Summary 2002 "Young Australia Recital" 2015 "Overseas Mailbag" Presented by Ron White	Tuning Signal Jacko: Programme Summary "Australian Light Music"	Tuning Signal Jacko: Programme Summary "Tunes of the Day"
	2025 News Bulletin	Talk: "Canberra Report"	Talk: "The Australian Scene"
	2030 Talk: "Facing the Week"	"Orchestral Interlude"	"Orchestral Interlude"
	2040 News Bulletin	News Bulletin	News Bulletin
	2045 "In Quires and Places Where They Sing"	"Australian Newspaper Editorial Opinion"	"Australian Newspaper Editorial Opinion"
	2100 "Stars of Song"	"Australian Radio Reel"—a dramatised feature produced by Timothy Cousins	Talk: "Australian Sporting Digest" (2050)
	2110 "Readings from the Bible"	"Stars of Song"	"Stars of Song"
	2115 "Morning Melody" (VLC)	"Readings from the Bible"	"Readings from the Bible"
	"Breakfast Session"—conducted by Russ Tyson (VLA)	"Morning Melody" (VLC)	"Morning Melody" (VLC)
	2130 Magazine of the Week (VLC)	"Breakfast Session"—conducted by Russ Tyson (VLA)	"Breakfast Session"—conducted by Russ Tyson (VLA)
VLA 11	2145 News Bulletin	News Bulletin	News Bulletin
	2155 VLC Closes	VLC Closes	VLC Closes
	2200 Orchestral Interlude	"Australian Light Music"	"Australian Pianiste"
	"Morning Melody" relayed from the Home Service studios	"Morning Melody"	"Morning Melody"
	"Hospital Half-hour" Conducted by Russ Tyson	relayed from the Home Service studios	relayed from the Home Service studios
	2215 News Bulletin	"Hospital Half-hour" Conducted by Russ Tyson	"Hospital Half-hour" Conducted by Russ Tyson
	2245 News Bulletin	News Bulletin	News Bulletin
	2255 "Light Orchestral"	"Light Orchestral"	"Light Orchestral"
	2300 Close Down	Close Down	Close Down

Times shown above are Greenwich Mean Time. To convert to clock time in Sweden, Norway, Germany Lebanon, Egypt, add 2 hours.

VLB9  
9.58 mc/s.  
31.32 m.

VLA11  
11.76 mc/s.  
25.51 m.

## THE BRITISH ISLES AND EUROPE

WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Tuning Signal Jacko: Programme Summary "Australian Star Artist"	Tuning Signal Jacko: Programme Summary "As You Like It"	Tuning Signal Jacko: Programme Summary "Everyman's Music"	Tuning Signal Jacko: Programme Summary "Listeners' Choice"
"Australian Sporting Digest"—presented by Ray McDonald	Talk: "Economic Review"	Talk: "Australian Arts Review"	"Australian Radio Reel"—a dramatised feature produced by Timothy Cousins
Interlude — Orchestral News Bulletin	Interlude — Orchestral News Bulletin	Interlude — Orchestral News Bulletin	Interlude — Orchestral News Bulletin
"Australian Newspaper Editorial Opinion"	"Australian Newspaper Editorial Opinion"	"Australian Newspaper Editorial Opinion"	"Australian Newspaper Editorial Opinion"
"Everyman's Music"	"Australian Artists Perform"	"Happy to Know You"—Newcomers to Australia in story and song	"Australian Amateur Hour"—compered by Terry Dear
Talk: "Behind the News" "The Village Glee Club"—a delayed broadcast presented from the Home Services studios (0710)	"Australian Short Story"	"Australians on Record"	
Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down
Tuning Signal Jacko: Programme Summary "Star Artist"	Tuning Signal Jacko: Programme Summary "Australian Artists Perform"	Tuning Signal Jacko: Programme Summary "Everyman's Music"	Tuning Signal Jacko: Programme Summary "Kindergarten of the Air"—conducted by Anne Dryer
Talk: "Behind the News"	Talk: "Australian Arts Review"	"Great Music"	
"Orchestral Interlude"	"Orchestral Interlude"	"Orchestral Interlude"	"Orchestral Interlude"
News Bulletin	News Bulletin	News Bulletin	News Bulletin
"Australian Newspaper Editorial Opinion"	"Australian Newspaper Editorial Opinion"	"Australian Newspaper Editorial Opinion"	"Australian Newspaper Editorial Opinion"
Talk: "Australian Sporting Digest" (2050)	Talk: "Economic Review"	"I'll Pay That One"—delayed broadcast presented from the Home Service, compered by John Juan	"Orchestral Interlude"
"Stars of Song"	"Stars of Song"	"Stars of Song"	"Orchestral Interlude"
"Readings from the Bible"	"Readings from the Bible"	"Readings from the Bible"	News from Home"
"Morning Melody" (VLC)	"Morning Melody" (VLC)	"Morning Melody" (VLC)	News Bulletin
"Breakfast Session"—conducted by Russ Tyson (VLA)	"Breakfast Session"—conducted by Russ Tyson (VLA)	"Breakfast Session"—conducted by Russ Tyson (VLA)	VLC Closes
News Bulletin	News Bulletin	News Bulletin	VLC Closes
VLC Closes	VLC Closes	VLC Closes	"Orchestral"
"Australian Pianiste"	"Australian Pianiste"	"Morning Melody"	"Soft Lights and Sweet Music"
"Morning Melody"	"Morning Melody"	relayed from the Home Service studios	"Australian Record Album" (2235)
relayed from the Home Service studios	relayed from the Home Service studios	"Hospital Half-hour"	News Bulletin
"Hospital Half-hour" Conducted by Russ Tyson	"Hospital Half-hour" Conducted by Russ Tyson	Conducted by Russ Tyson	"Masters of the Piano"
News Bulletin	News Bulletin	News Bulletin	Close Down
"Light Orchestral"	"Light Orchestral"	"Light Orchestral"	Close Down
Close Down	Close Down	Close Down	

and Central European countries, add 1 hour; Finland, Rumania, Bulgaria, Greece, Turkey, Syria, Israel,

VLC9  
9.58 mc/s.  
31.32 m.

GMT	SUNDAY	MONDAY	TUESDAY
1155	Tuning Signal	Tuning Signal	Tuning Signal
1200	Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary
1202	"Young Australia Recital" (1201)	"Australians on Record"	"Everyman's Music"
1215	News Bulletin	News Bulletin	News Bulletin
1225	"In Quires and Places Where They Sing"	"Editorial Opinion"	"Editorial Opinion"
1230		"Tip Top Tunes" With Jim Gussey and the ABC Augmented Dance Band	"Village Glee Club" With the ABC Melbourne Singers Conductor, Dan Hardy
1245	"Guest of Honour" (1240)		
1300	"Overseas Mailbag" Presented by Ron White	"Magazine of the Week"	"Australian Short Story"
1315	News Bulletin	News Bulletin	News Bulletin
1330	"Mobil Quest"—a nationwide search for Australian vocal talent.	Talk: "Canberra Report"	Talk: "The Australian Scene"
1345		"As You Like It" (1340)	"Australian Composers' Session" (1340)
1358	Tomorrow's Programme	Tomorrow's Programme	Tomorrow's Programme
1400	Programme for Central States	Programme for Central States	Programme for Central States

## PROGRAMMES FOR LISTENERS IN NORTH AMERICA—CENTRAL AND MOUNTAIN AREAS

1359½	Tuning Signal	Tuning Signal	Tuning Signal
1400	Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary
1402	"Australian DX-ers Calling"	"Listeners' Choice"	"Australians on Record"
1415	"As You Like It"	Talk: "Canberra Report"	Talk: "Calling Asia"
1430	News Bulletin	News Bulletin	News Bulletin
1440	"Celebrity Violinist"	"Orchestral Interlude"	"Around the Bandstand"
1445	"Magazine of the Week"	"Waltz Time"	

## PROGRAMMES FOR LISTENERS IN NORTH AMERICA—WEST COAST

1500	Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary
1502	"Australian Pianist"	"Everyman's Music"	"Music of the Ballet"
1515	"Music to Charm"	"Melody on the Move"	Talk: "The Australian Scene"
1530	News Bulletin	News Bulletin	News Bulletin
1540	Orchestral Interlude	"Editorial Opinion"	"Editorial Opinion"
1545	"In Quires and Places Where They Sing"	"Music by Australian Composers"	"Australian Dance Bands"
1600	"Magazine of the Week"	Talk: "Canberra Report"	"World's Great Music"
1612	Tomorrow's Programme	Tomorrow's Programme	Tomorrow's Programme
1615	Close Down	Close Down	Close Down
0429	Tuning Signal	Tuning Signal	Tuning Signal
0430	Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary
0431	"Young Australia Recital"	"Australia's Amateur Hour," compered by Terry Dear	"Twentieth Century Music"
0445	"Magazine of the Week"		Talk: "The Australian Scene" (0450)
0500	"Overseas Mailbag," presented by Ron White		"Australians on Record"
0515	News Bulletin	News Bulletin	News Bulletin
0525	Orchestral Interlude	Orchestral Interlude	Orchestral Interlude
0530	"Australian DX-ers Calling"	"In Quires and Places Where They Sing"	"Everyman's Music"
0542	Tomorrow's Programme	Tomorrow's Programme	Tomorrow's Programme
0545	Close Down	Close Down	Close Down

Times shown above are Greenwich Mean Time. To convert to Eastern Standard Time subtract 5 hours;

VLA11  
11.81 mc/s.  
25.40 m.

## NORTH AMERICA — EAST COAST

WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Tuning Signal	Tuning Signal	Tuning Signal	Tuning Signal
Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary
"World's Great Music"	Talk: "Economic Review"	"Composer of the Week"	"Music for Millions"
News Bulletin	News Bulletin	News Bulletin	News Bulletin
"Editorial Opinion"	"Editorial Opinion"	"Editorial Opinion"	"Editorial Opinion"
"The ABC Hit Parade," with Jim Gussey and the ABC Augmented Dance Band	"Australia's Amateur Hour," compered by Terry Dear	"Clive Amadio's Quintet" delayed broadcast presented from the Sydney Home Service Studios.	"Behind the Footlights" With ABC Melbourne Dance Band, Conducted by MacDuff Williams
	Talk: "Behind the News"	Talk: "Australian Arts Review"	"Kindergarten of the Air" conducted by Anne Dreyer.
	News Bulletin "Australianiana" (1325)	News Bulletin "Australian Artists Perform"	News Bulletin "Australian Radio Reel" a dramatised feature.
	"Australian Sporting Digest"	"Australian Dance Bands"	"News From Home"
Tomorrow's Programme	Tomorrow's Programme	Tomorrow's Programme	Tomorrow's Programme
Programme for Central States	Programme for Central States	Programme for Central States	Programme for Central States

Tuning Signal	Tuning Signal	Tuning Signal	Tuning Signal
Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary
"Listeners' Choice"	"Listeners' Choice"	"Best Sellers"	"Listeners' Choice"
Talk: "Behind the News"	"Songs by Australian Composers"	Talk: "Calling Asia"	"Australian Radio Reel"
News Bulletin "Australian Singers"	News Bulletin "Australian Pianist"	News Bulletin "Music of the Theatre"	News Bulletin "Today's Ballad Singer"
"Australian Singers"	Talk: "Economic Review"	Talks Feature	"Australian Artists"

Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary
"Listeners' Choice"	"As You Like It"	"Australian Short Story"	"Music of the Masters"
"Australian Sporting Digest"	Talk: "The Australian Scene"	News Bulletin "Editorial Opinion"	"Australian Radio Reel" a dramatised feature
News Bulletin "Editorial Opinion"	"Songs by Australian Composers"	News Bulletin "Editorial Opinion"	News Bulletin "Music for Millions"
"Mobil Quest"—a nationwide search for Australian vocal talent.	"Australian Dance Bands"	"Australian Artists Perform"	
"Everyman's Music"	"Everyman's Music"	"Australian Singers"	"Australian Singers"
Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down

Tuning Signal	Tuning Signal	Tuning Signal	Tuning Signal
Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary	Jacko: Programme Summary
"Mobil Quest"—a nationwide search for Australian vocal talent.	"Australian Artists Perform"	Talk: "Australian Arts Review"	"Star Artist"
"Everyman's Music"	"Australian Radio Reel"	"Australian Artists Perform"	"News From Home" (0435)
Tomorrow's Programme Close Down	News Bulletin "Australian Pianist"	News Bulletin "Australian Dance Band"	"Music for Millions"
	"Music for Millions"	News Bulletin "Orchestral Interlude"	"Australians on Record"
		"Australian Sporting Digest"	News Bulletin "Orchestral Interlude"
		Tomorrow's Programme Close Down	"Singers and their Songs"
		Tomorrow's Programme Close Down	Tomorrow's Programme Close Down

Central Standard Time, subtract 6 hours; Mountain Time, subtract 7 hours; Pacific Standard Time, subtract 8 hours.

VLA15  
15.20 mc/s.  
19.74 m.

## PROGRAMMES FOR

VLB 21 VLA 15	GMT	SUNDAY	MONDAY	TUESDAY	
	0429 0429½	Tuning Signal Jacko: Programme Summary "Young Australia Recital" "Magazine of the Week"	Tuning Signal Jacko: Programme Summary "Australia's Amateur Hour," compered by Terry Dear	Tuning Signal Jacko: Programme Summary "Twentieth Century Music" Talk: "The Australian Scene" (0450)	"Australians on Record"
	0500	"Mailbag," American and African Edition			
	0515 0530	News Bulletin "Australian DX-ers Call- ing"—presented by Graham Hutchins	News Bulletin "In Quires and Places Where They Sing"	News Bulletin "Everyman's Music"	
	0542 0545	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	
	1329½ 1400	Tuning Signal Jacko: Programme summary "Australian DX-ers Call- ing"—presented by Graham Hutchins	Tuning Signal Jacko: Programme summary "Listeners' Choice"	Tuning Signal Jacko: Programme summary "Australians on Record"	
	1402	"As You Like It"		Talk: "Canberra Report"	Talk: "Calling Asia"
	1415				Talk: "Behind the News"
	1430 1440 1445	News Bulletin "Celebrity Violinist" "Magazine of the Week"	News Bulletin "Orchestral Music" "Waltz Time"	News Bulletin "Around the Bandstand"	News Bulletin "Australian Singers"
	1502 1515	"Australians on Record" "Music to Charm"	"Everyman's Music" "Melody on the Move"	"Music of the Ballet" Talk: "The Australian Scene"	"Australian Pianist" Talk: "Economic Review"
	1530 1540	News Bulletin "Orchestral Music"	News Bulletin "Australian Newspaper Editorial Opinions"	News Bulletin "Australian Newspaper Editorial Opinions"	"Listeners' Choice" "Australian Sporting Digest"
	1545	"In Quires and Places Where They Sing"	"Music by Australian Composers"	"Australian Dance Bands"	"As You Like It" "Australian Short Story"
	1600 1615	"Magazine of the Week" Close Down	Talk: "Canberra Report" Close Down	World's Great Music" Close Down	News Bulletin "Australian Newspaper Editorial Opinions" "Songs by Australian Composers"

## PROGRAMMES FOR

SIARAN BAHASA INDONESIA DITUDJUKAN KE INDONESIA . . . . .

VLG 15 VLC 11 Waktu Djawa	MINGGU	SENIN.	SELASA.
	Pembukaan "Pilihan para Pendengar" WARTA BERITA "Kantong Surat"	Pembukaan "Rujuan Randauan" WARTA BERITA "Orkes Ringan" "AUSTRALIA DEWASAINI" "Ragam Aneka-Warna"	Pembukaan "Marilah Kita Berdansah" WARTA BERITA "Orkes Ringan" "Lopuran Canberra"
	1745 1747 1800 1812 1815		"Pemain Piano Australia" Penutup
	1825		
	1829	Penutup	Penutup

## PROGRAMMES FOR

FRIDAYS 1215-1245 GMT. — 1915-1945 BANGKOK TIME: . . . . .

PRESENTED BY

1214½: Tuning Signal, 1215: Jacko. Opening announcements, 1216: News Bulletin.  
1245: VLG joins English

Times shown above are Greenwich Mean Time. To convert to clock time in South Africa, Rhodesia, add

## LISTENERS IN AFRICA

WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Tuning Signal Jacko: Programme Summary "Mobil Quest"—a nation- wide search for Aus- tralian vocal talent	Tuning Signal Jacko: Programme Summary "Australian Artists' Perform"	Tuning Signal Jacko: Programme Summary "Music for Millions" Talk: "Australian Arts Review" (0450)	Tuning Signal Jacko: Programme Summary "Star Artist" "News From Home" (0435) "Music for Millions" (0445) "Australians on Record"
Talk: "The Australian Scene"	"Australian Radio Reel" —a dramatised feature produced by Timothy Cousins	"Australian Artists Perform"	
News Bulletin "Music for Millions"	News Bulletin "Australian Sporting Digest"—presented by Ray McDonald	News Bulletin "Music to Charm"	News Bulletin "Singers and Their Songs"
Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down
Tuning Signal Jacko: Programme summary "Listeners' Choice"	Tuning Signal Jacko: Programme summary "Listeners' Choice"	Tuning Signal Jacko: Programme summary "Best Sellers"	Tuning Signal Jacko: Programme summary "Listeners' Choice"
Talk: "Behind the News"	"Songs by Australian Composers"	Talk: "Calling Asia"	"Australian Radio Reel" —a dramatised feature
News Bulletin "Australian Singers"	News Bulletin "Australian Pianist" Talk: "Economic Review"	News Bulletin "Music of the Theatre"	News Bulletin "Today's Ballad Singer" "Australian Artists Perform"
"Listeners' Choice" "Australian Sporting Digest"	"As You Like It" "Australian Short Story"	"Australian Dance Music" Talk: "Australian Arts Review"	"Music of the Masters" Talk: "News from Home"
News Bulletin "Australian Newspaper Editorial Opinions"	News Bulletin "Australian Newspaper Editorial Opinions"	News Bulletin "Australian Newspaper Editorial Opinions" "Mobil Quest"—a nation- wide search for Aus- tralian vocal talent	News Bulletin "Australian Newspaper Editorial Opinions"
"Songs by Australian Composers"	"Australian Dance Bands" Close Down	"Everyman's Music" Close Down	"Australian Singers" Close Down

## LISTENERS IN INDONESIA

. . . . . 19.59 metres dan 25.25 metres

RABU	KAMIS	DJUM'AT	SABTU
Pembukaan "Pilihan para Pendengar" WARTA BERITA "Orkes Ringan" "AUSTRALIA DEWASAINI" "Rujuan Pulau"	Pembukaan "Seni Suara Australia" WARTA BERITA "Orkes Ringan" "KESEBAYAN di AUSTRALIA" "Rujuan Pulau"	Pembukaan "Orkes Serba-Neka" WARTA BERITA "Orkes Ringan" "AUSTRALIA DARI SEHARI KESEHARI" "Lagu Mars"	Pembukaan "Pilihan para Pendengar" WARTA BERITA "Rujuan Wals"
Penutup	Penutup	Penutup	Penutup

## LISTENERS IN THAILAND

. . . . . VLG 15, 15.32 mc/s., 19.59 metres

Mr. R. W. ASHTON

1228: Light Orchestral Music, 1242: Announcements, 1244: Thai Anthem.  
language Asian Service.2 hours; Indo-China, add 8 hours; New Caledonia, add 11 hours; Thailand, add 7 hours; Tahiti, subtract  
10 hours.

## PROGRAMMES FOR

VLB 21 VLA 15	GMT	SUNDAY	MONDAY	TUESDAY	
	0429 0429½	Tuning Signal Jacko: Programme Summary "Young Australia Recital" "Magazine of the Week"	Tuning Signal Jacko: Programme Summary "Australia's Amateur Hour," compered by Terry Dear	Tuning Signal Jacko: Programme Summary "Twentieth Century Music" Talk: "The Australian Scene" (0450)	"Australians on Record"
	0500	"Mailbag," American and African Edition			
	0515 0530	News Bulletin "Australian DX-ers Call- ing"—presented by Graham Hutchins	News Bulletin "In Quires and Places Where They Sing"	News Bulletin "Everyman's Music"	
	0542 0545	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	
	1329½ 1400	Tuning Signal Jacko: Programme summary "Australian DX-ers Call- ing"—presented by Graham Hutchins	Tuning Signal Jacko: Programme summary "Listeners' Choice"	Tuning Signal Jacko: Programme summary "Australians on Record"	
	1402	"As You Like It"		Talk: "Canberra Report"	Talk: "Calling Asia"
	1415				
	1430 1440 1445	News Bulletin "Celebrity Violinist" "Magazine of the Week"	News Bulletin "Orchestral Music" "Waltz Time"	News Bulletin "Around the Bandstand"	
	1502 1515	"Australians on Record" "Music to Charm"	"Everyman's Music" "Melody on the Move"	"Music of the Ballet" Talk: "The Australian Scene"	
	1530 1540	News Bulletin "Orchestral Music"	News Bulletin "Australian Newspaper Editorial Opinions"	News Bulletin "Australian Newspaper Editorial Opinions"	
	1545	"In Quires and Places Where They Sing"	"Music by Australian Composers"	"Australian Dance Bands"	
	1600 1615	"Magazine of the Week" Close Down	Talk: "Canberra Report" Close Down	World's Great Music" Close Down	

## PROGRAMMES FOR

SIARAN BAHASA INDONESIA DITUDJUKAN KE INDONESIA . . . . .

VLG 15 VLC 11 Waktu Djawa	MINGGU	SENIN.	SELASA.
	Pembukaan "Pilihan para Pendengar" WARTA BERITA "Kantong Surat"	Pembukaan "Rajuan Randuan" WARTA BERITA "Orkes Ringan" "AUSTRALIA DEWASA INI" "Ragam Aneka-Warna"	Pembukaan "Marilah Kita Berdansah" WARTA BERITA "Orkes Ringan" "Lopuran Canberra"
	1745 1747 1800 1812 1815		
	1825	Penutup	"Pemain Piano Australia" Penutup
	1829		

## PROGRAMMES FOR

FRIDAYS 1215-1245 GMT. — 1915-1945 BANGKOK TIME: . . . . .

PRESENTED BY

1214½: Tuning Signal, 1215: Jacko. Opening announcements, 1216: News Bulletin.

1245: VLG joins English

Times shown above are Greenwich Mean Time. To convert to clock time in South Africa, Rhodesia, add

## LISTENERS IN AFRICA

WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Tuning Signal Jacko: Programme Summary "Mobil Quest"—a nation- wide search for Aus- tralian vocal talent	Tuning Signal Jacko: Programme Summary "Australian Artists' Perform"	Tuning Signal Jacko: Programme Summary "Music for Millions" Talk: "Australian Arts Review" (0450)	Tuning Signal Jacko: Programme Summary "Star Artist" "News From Home" (0435) "Music for Millions" (0445) "Australians on Record"
Talk: "The Australian Scene"	"Australian Radio Reel" —a dramatised feature produced by Timothy Cousins	"Australian Artists Perform"	"Australian Artists Perform"
News Bulletin "Music for Millions"	News Bulletin "Australian Sporting Digest"—presented by Ray McDonald	News Bulletin "Music to Charm"	News Bulletin "Singers and Their Songs"
Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down	Tomorrow's Programme Close Down
Tuning Signal Jacko: Programme summary "Listeners' Choice"	Tuning Signal Jacko: Programme summary "Listeners' Choice"	Tuning Signal Jacko: Programme summary "Best Sellers"	Tuning Signal Jacko: Programme summary "Listeners' Choice"
Talk: "Behind the News"	"Songs by Australian Composers"	Talk: "Calling Asia"	"Australian Radio Reel" —a dramatised feature
News Bulletin "Australian Singers"	News Bulletin "Australian Pianist"	News Bulletin "Music of the Theatre"	News Bulletin "Today's Ballad Singer" "Australian Artists Perform"
"Listeners' Choice" "Australian Sporting Digest"	"As You Like It" "Australian Short Story"	"Australian Dance Music" Talk: "Australian Arts Review"	"Music of the Masters" Talk: "News from Home"
News Bulletin "Australian Newspaper Editorial Opinions"	News Bulletin "Australian Newspaper Editorial Opinions"	News Bulletin "Australian Newspaper Editorial Opinions"	News Bulletin "Australian Newspaper Editorial Opinions"
"Music by Australian Composers"	"Songs by Australian Composers"	"Mobil Quest"—a nation- wide search for Aus- tralian vocal talent	"Australian Artists Perform"
"Australian Dance Bands"	"Everyman's Music" Close Down	Close Down	"Australian Singers" Close Down

## LISTENERS IN INDONESIA

. . . . . 19.59 metres dan 25.25 metres

RABU	KAMIS	DJUM'AT	SABTU
Pembukaan "Pilihan para Pendengar" WARTA BERITA "Orkes Ringan" "AUSTRALIA DEWASA INI" "Ragam Aneka-Warna"	Pembukaan "Seni Suara Australia" WARTA BERITA "Orkes Ringan" "KESEBATAK di AUSTRALIA" "Rajuan Pulau"	Pembukaan "Orkes Serba-Neka" WARTA BERITA "Orkes Ringan" "PEMANDANGAN PEREKONOMIAN" "Rajuan Wals"	Pembukaan "Pilihan para Pendengar" WARTA BERITA "Orkes Ringan" "SEHARI KESEHARI" "Lagu Mars"
Penutup	Penutup	Penutup	Penutup

## LISTENERS IN THAILAND

. . . . . VLG 15, 15.32 mc/s., 19.59 metres

Mr. R. W. ASHTON

1228: Light Orchestral Music, 1242: Announcements, 1244: Thai Anthem.  
language Asian Service.2 hours; Indo-China, add 8 hours; New Caledonia, add 11 hours; Thailand, add 7 hours; Tahiti, subtract  
10 hours.



This view depicts the 50 kilowatt Radio Australia transmitter, VLC.

## DAILY SHORTWAVE BROADCASTS FROM RADIO AUSTRALIA

*Schedule effective April 20th, 1952*

Greenwich Mean Time	Programme for band Metres	Wave- band Metres	Greenwich Mean Time	Programme for band Metres
<b>2000-2155</b>	British Isles & Europe	<b>31</b>	<b>0800-0930</b>	North Pacific Islands
<b>2000-2300</b>	British Isles & Europe	<b>25</b>	<b>0800-1355</b>	Forces in Japan
<b>2030-2300</b>	Forces in Japan	<b>19</b>	<b>0828-1400</b>	South-east Asia
<b>2213-0050</b>	New Zealand, South & South-east Asia	<b>16</b>	<b>0845-1015</b>	South Asia
<b>2315-0245</b>	South-east Asia	<b>19</b>	<b>0930-0950</b>	News at Dictation
<b>0245-0415</b>	Forces in Japan	<b>13</b>	<b>1000-1145</b>	Speed
<b>0245-0415</b>	South & South-east Asia	<b>16, 19</b>	<b>1015-1100</b>	South-east Asia
<b>0415-0815</b>	South & South-east Asia	<b>16</b>	<b>1100-1400</b>	Indonesia (Indonesian)
<b>0430-0545</b>	North America (West Coast)	<b>19</b>	<b>1200-1400</b>	... 19, 25
<b>0430-0545</b>	Africa	<b>19</b>	<b>1215-1245</b>	South Asia
<b>0600-0645</b>	French Indo - China (French)	<b>19</b>	<b>1400-1615</b>	North America (East Coast)
<b>0600-0645</b>	Tahiti, Europe (French)	<b>25</b>	<b>1400-1500</b>	... 25
<b>0600-0745</b>	British Isles, Europe	<b>31</b>		Thailand (Fridays only Thai Half-Hour)
<b>0645-0745</b>	and New Zealand	<b>25</b>		South & South-east Asia
<b>0645-0715</b>	South-east Asia	<b>19</b>	<b>1400-1615</b>	... 25
<b>0730-0830</b>	New Caledonia (French)	<b>25</b>	<b>1500-1615</b>	North America (Central & Mountain)
				Africa
				... 31
				North America (West Coast)
				25

## Australian Broadcasting Commission OVERSEAS SERVICE

G.P.O. Box 780H — Melbourne, Australia