



**Australian
Broadcasting
Authority**

LICENCE AREA PLAN MURRAY BRIDGE RADIO

DECEMBER 2001

LICENCE AREA PLAN – MURRAY BRIDGE RADIO – DECEMBER 2001

The Australian Broadcasting Authority hereby makes this plan for broadcasting services in the Murray Bridge area of South Australia, under subsection 26(1) of the *Broadcasting Services Act 1992*.

Two commercial radio broadcasting services are to be available in the area described at Attachment 1.1 to this Determination with the use of the broadcasting services bands. The characteristics, including technical specifications, of the services that are to be available in the area described at Attachment 1.1 are set out in Schedule One and Attachments 1.2 - 1.5 to this Determination.

One community radio service is to be available in the area described at Attachment 2.1 to this Determination with the use of the broadcasting services bands. The characteristics, including technical specification, of the service that is to be available in the area described at Attachment 2.1 is set out in Schedule Two and Attachment 2.2 - 2.4 to this Determination.

One community radio service is to be available in the area described at Attachment 3.1 to this Determination with the use of the broadcasting services bands. The characteristics, including technical specification, of the service that is to be available in the area described at Attachment 3.1 is set out in Schedule Three and Attachment 3.2 to this Determination.

SCHEDULES

Each of the Schedules sets out:

- the category of each of the services that are to be available in that area (column one).
- The status of the service (column two) does not form part of the licence area plan decision and is included for reference only.
- The frequency for each transmitter (column three) does not form part of the licence area plan decision and is included for reference only.
- the service licence number which has been allocated to the service, if appropriate (column four); N/A = Not Applicable, as the *Broadcasting Services Act 1992* only requires service licences for Commercial and Community services.
- the number of transmitters required to transmit the service,
- the transmitter specification number which has been allocated to each transmitter (column five),
- the identifying number of the attachment where the technical specifications for each transmitter are described (column six). (Each set of technical specifications referred to in the Schedules is an attachment to this determination).
- the general area served by each transmitter (column seven).

Status Column

Licensed	:	service is already licensed
Available	:	new licence available for allocation
Proposed	:	transmitter for existing broadcasting service licence
Alternative	:	alternative channel proposed for licensed service
Reserved	:	capacity reserved for a national or community service in accordance with Ministerial notification

Frequency Column

- The frequency shown is the centre frequency of the channel.

The information in the frequency column is provided as additional information to the licence area plan, and is accurate as at the date of publication.

SCHEDULE ONE

Licence Area Plan : Murray Bridge Radio - December 2001

Licence Area : MURRAY BRIDGE RA1

Service Category	Status	Frequency	Service Licence No	Technical Specification No	Attach No	Area Served
Commercial	Licensed	1125 kHz	SL4194	TS4194001	1.2	Murray Bridge
Commercial	Licensed	98.7 MHz	SL10361	TS10005489	1.3	Murray Bridge
	Proposed	100.3 MHz	SL10361	TS10010683	1.4	Mount Barker
	Proposed	99.7 MHz	SL10361	TS10010685	1.5	Victor Harbor

SCHEDULE TWO

Licence Area Plan : Murray Bridge Radio - December 2001

Licence Area : VICTOR HARBOR RA1

Service Category	Status	Frequency	Service Licence No	Technical Specification No	Attach No	Area Served
Community	Available	89.3 MHz	SL1150781	TS10010844	2.2	Victor Harbor
	Available	94.7 MHz	SL1150781	TS10010700	2.3	Strathalbyn
	Available	88.3 MHz	SL1150781	TS10010699	2.4	Yankallila

SCHEDULE Three

Licence Area Plan : Murray Bridge Radio - December 2001

Licence Area : VICTOR HARBOR RA2

Service Category	Status	Frequency	Service Licence No	Technical Specification No	Attach No	Area Served
Community	Available	90.1 MHz	SL1150786	TS10010687	3.2	Victor Harbor

LICENCE AREA FOR SERVICE LICENCE NUMBERS: SL4194, 10361**MURRAY BRIDGE COMMERCIAL RADIO**

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 6 August 1996, is:

Area Description	Area Description
Mannum (DC)	SA CD 4061110
Mount Pleasant (DC)	SA CD 4061111
Murray Bridge (RC)	SA CD 4061112
Onkaparinga (DC)	SA CD 4061113
Port Elliot & Goolwa (DC)	SA CD 4061114
Victor Harbor (DC)	SA CD 4061207
SA CD 4041901	SA CD 4061212
SA CD 4041902	SA CD 4061213
SA CD 4041903	SA CD 4061301
SA CD 4041904	SA CD 4061302
SA CD 4042001	SA CD 4061303
SA CD 4042002	SA CD 4061304
SA CD 4042003	SA CD 4061305
SA CD 4042004	SA CD 4061306
SA CD 4061001	SA CD 4061309
SA CD 4061002	SA CD 4061310
SA CD 4061003	SA CD 4061401
SA CD 4061004	SA CD 4061402
SA CD 4061005	SA CD 4061403
SA CD 4061006	SA CD 4061404
SA CD 4061007	SA CD 4061405
SA CD 4061008	SA CD 4061406
SA CD 4061009	SA CD 4061601
SA CD 4061010	SA CD 4061602
SA CD 4061011	SA CD 4061603
SA CD 4061012	SA CD 4061604
SA CD 4061013	SA CD 4061605
SA CD 4061014	SA CD 4061607
SA CD 4061015	SA CD 4061608
SA CD 4061101	SA CD 4061609
SA CD 4061102	
SA CD 4061103	
SA CD 4061104	
SA CD 4061105	
SA CD 4061106	
SA CD 4061107	
SA CD 4061108	
SA CD 4061109	

Note:

Standard terminology used by the Australian Bureau of Statistics:

(RC)	=	Rural City
(CD)	=	Collection District
(DC)	=	District Council

LICENCE AREA PLAN : Murray Bridge Radio - December 2001

Category : Commercial

General Area Served : Murray Bridge (SA)

Service Licence Number : SL4194

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS4194001

Transmitter Site :-

Nominal location : Gifford Hill

Australian Map Grid : Zone Easting Northing
Reference 54 337302 6108405

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode MF-AM

Carrier Frequency : 1125 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
0°T	0	950 V
10°T	0	840 V
20°T	0	750 V
30°T	0	670 V
40°T	0	600 V
50°T	0	470 V
60°T	0	420 V
70°T	0	340 V
80°T	0	340 V
90°T	0	300 V
100°T	0	340 V
110°T	0	340 V
120°T	0	420 V
130°T	0	470 V
140°T	0	600 V
150°T	0	670 V

160°T	0	750 V
170°T	0	840 V
180°T	0	950 V
190°T	0	1.1 kV
200°T	0	1.1 kV
210°T	0	1.2 kV
220°T	0	1.2 kV
230°T	0	1.2 kV
240°T	0	1.2 kV
250°T	0	1.2 kV
260°T	0	1.2 kV
270°T	0	1.2 kV
280°T	0	1.2 kV
290°T	0	1.2 kV
300°T	0	1.2 kV
310°T	0	1.2 kV
320°T	0	1.2 kV
330°T	0	1.2 kV
340°T	0	1.1 kV
350°T	0	1.1 kV

LICENCE AREA PLAN : Murray Bridge Radio - December 2001

Category : Commercial

General Area Served : Murray Bridge (SA)

Service Licence Number : SL10361

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005489

Transmitter Site :-

Nominal location : Gifford Hill

Australian Map Grid : Zone Easting Northing
Reference 54 337400 6108400

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 98.7 MHz

Polarisation Mixed

Maximum antenna height 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 45°T	20 kW
45°T - 135°T	10 kW
135°T - 360°T	20 kW

LICENCE AREA PLAN : Murray Bridge Radio - December 2001

Category : Commercial

General Area Served : Mt Barker (SA)

Service Licence Number : SL10361

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10010683

Transmitter Site :-

Nominal location : Echunga

Australian Map Grid : Zone Easting Northing
Reference 54 300566 6113372

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 100.3 MHz
Polarisation Mixed

Maximum antenna height 30 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW

Special Condition:

Should interference to the reception of Port Adelaide Community allotment occur, the licensee will be required to reduce the effective radiated power (ERP) of the service towards Port Adelaide to eliminate the interference.

LICENCE AREA PLAN : Murray Bridge Radio - December 2001

Category : Commercial

General Area Served : Victor Harbor (SA)

Service Licence Number : SL10361

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10010685

Transmitter Site :-

Nominal location : Newland Hill

Australian Map Grid : Zone Easting Northing
Reference 54 280121 6060032

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 99.7 MHz

Polarisation Mixed

Maximum antenna height 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW

LICENCE AREA FOR SERVICE LICENCE NUMBER: SL1150781

VICTOR HARBOR COMMUNITY RADIO

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 6 August 1996, is:

Area Description

Port Elliot & Goolwa (DC)

Strathalbyn (DC)

Victor Harbor (DC)

Yankalilla (DC)

Note:

Standard terminology used by the Australian Bureau of Statistics:

(DC) = District Council

LICENCE AREA PLAN : Murray Bridge Radio - December 2001

Category : Community

General Area Served : Victor Harbor (SA)

Service Licence Number : SL1150781

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10010844

Transmitter Site :-

Nominal location : Brown Hill

Australian Map Grid : Zone Easting Northing
Reference 54 286416 6068145

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 89.3 MHz

Polarisation Mixed

Maximum antenna height 10 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW

LICENCE AREA PLAN : Murray Bridge Radio - December 2001

Category : Community

General Area Served : Strathalbyn (SA)

Service Licence Number : SL1150781

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10010700

Transmitter Site :-

Nominal location : Summer Hill

Australian Map Grid : Zone Easting Northing
Reference 54 310800 6094900

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 94.7 MHz
Polarisation Vertical

Maximum antenna height 17 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	100 W

LICENCE AREA PLAN : Murray Bridge Radio - December 2001

Category : Community

General Area Served : Yankalilla (SA)

Service Licence Number : SL1150781

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10010699

Transmitter Site :-

Nominal location : Normanville

Australian Map Grid : Zone Easting Northing
Reference 54 258345 6074346

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 88.3 MHz

Polarisation Vertical

Maximum antenna height 17 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	100 W

LICENCE AREA FOR SERVICE LICENCE NUMBER: SL1150786

VICTOR HARBOR COMMUNITY RADIO

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 6 August 1996, is:

Area Description

Victor Harbor (DC)

SA CD 4061806

SA CD 4061703

SA CD 4061709

SA CD 4061805

SA CD 4061704

SA CD 4061712

SA CD 4061803

SA CD 4061305

SA CD 4061702

SA CD 4061706

SA CD 4061802

SA CD 4061701

SA CD 4061812

SA CD 4061708

SA CD 4061310

SA CD 4061707

SA CD 4061807

SA CD 4061705

SA CD 4061804

SA CD 4061711

SA CD 4061710

SA CD 4061811

SA CD 4061810

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

(DC) = District Council

LICENCE AREA PLAN : Murray Bridge Radio - December 2001

Category : Community

General Area Served : Victor Harbor (SA)

Service Licence Number : SL1150786

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10010687

Transmitter Site :-

Nominal location : Brown Hill

Australian Map Grid : Zone Easting Northing
Reference 54 286416 6068145

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 90.1 MHz

Polarisation Horizontal

Maximum antenna height 10 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW