



Licence Area Plan – Bunbury Radio

made under subsection 26(1) of the
Broadcasting Services Act 1992

Compilation No. 2

Compilation date:	30 September 2017
Includes amendments up to:	F2017L01299

Prepared by the Australian Communications and Media Authority, Melbourne

About this compilation

This compilation

This is a compilation of the *Licence Area Plan – Bunbury Radio* that shows the text of the law as amended and in force on 30 September 2017 (the *compilation date*).

The notes at the end of this compilation (the *endnotes*) include information about amending laws and the amendment history of provisions of the compiled law.

Uncommenced amendments

The effect of uncommenced amendments is not shown in the text of the compiled law. Any uncommenced amendments affecting the law are accessible on the Federal Register of Legislation (www.legislation.gov.au). The details of amendments made up to, but not commenced at, the compilation date are underlined in the endnotes. For more information on any uncommenced amendments, see the series page on the Federal Register of Legislation for the compiled law.

Application, saving and transitional provisions for provisions and amendments

If the operation of a provision or amendment of the compiled law is affected by an application, saving or transitional provision that is not included in this compilation, details are included in the endnotes.

Modifications

If the compiled law is modified by another law, the compiled law operates as modified but the modification does not amend the text of the law. Accordingly, this compilation does not show the text of the compiled law as modified. For more information on any modifications, see the series page on the Federal Register of Legislation for the compiled law.

Self-repealing provisions

If a provision of the compiled law has been repealed in accordance with a provision of the law, details are included in the endnotes.

Licence Area Plan – Bunbury Radio

DETERMINATION

- (1) The Australian Broadcasting Authority hereby makes this plan for broadcasting services in the Bunbury area of Western Australia, under subsection 26(1) of the Broadcasting Services Act 1992.
- (2) Seven national radio broadcasting services, three commercial radio broadcasting services and four open narrowcasting radio services are to be available in the Bunbury 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 the Schedule One and Attachments 1.2 - 1.22 to this Determination.
- (3) One community radio broadcasting 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 specifications, of the services that are to be available in the area described at Attachment 2.1 are set out in Schedule Two and Attachment 2.2 to this Determination.
- (4) One community radio broadcasting 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 specifications, of the services that are to be available in the area described at Attachment 3.1 are set out in Schedule Three and Attachment 3.2 to this Determination.
- (5) One community radio broadcasting service is to be available in the area described at Attachment 4.1 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 4.1 are set out in Schedule Four and Attachment 4.2 to this Determination.
- (6) One community radio broadcasting service is to be available in the area described at Attachment 5.1 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 5.1 are set out in Schedule Five and Attachment 5.2 to this Determination.
- (7) A reference in this determination to a schedule or an attachment includes a reference to a schedule or attachment as amended from time to time.

(Determined by the Australian Broadcasting Authority on 12 November 1996)

Schedule One

Licence Area Plan : Bunbury Radio

Licence Area : BUNBURY RA1

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
National	93.3 MHz	N/A	TS10002140	1.2	Bunbury
National	94.1 MHz	N/A	TS10002142	1.3	Bunbury
National	684 kHz	N/A	TS1133175	1.4	Busselton
National	1269 kHz	N/A	TS1131023	1.5	Busselton
National	98.3 MHz	N/A	TS10002268	1.6	Augusta
National	99.1 MHz	N/A	TS10002269	1.7	Augusta
National	1152 kHz	N/A	TS1132618	1.20	Busselton
Commercial	963 kHz	SL10404	TS10002334	1.8	Bunbury
	1134 kHz	SL10404	TS10002336	1.9	Collie
	756 kHz	SL10404	TS10002344	1.10	Margaret River
	101.5 MHz	SL10404	TS1133501	1.19	Augusta
Commercial	95.7 MHz	SL10043	TS10002138	1.11	Bunbury
	96.7 MHz	SL10043	TS1133472	1.17	Collie
	100.3 MHz	SL10043	TS1133511	1.18	Margaret River
Commercial	621 kHz	SL10074	TS10002241	1.12	Bunbury
	1548 kHz	SL10074	TS10002747	1.13	Collie
	1494 kHz	SL10074	TS10002748	1.14	Margaret River
Open Narrowcasting	1017 kHz	N/A	TS10002242	1.15	Bunbury
Open Narrowcasting	1404 kHz	N/A	TS10002240	1.16	Busselton
Open Narrowcasting	855 kHz	N/A	TS1133531	1.21	Bunbury
Open Narrowcasting	1593 kHz	N/A	TS1133516	1.22	Collie

Schedule Two

Licence Area Plan : Bunbury Radio

Licence Area : COLLIE RA1

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
Community	1089 kHz	SL10062	TS10002158	2.2	Collie

Schedule Three

Licence Area Plan : Bunbury Radio

Licence Area : MARGARET RIVER RA1

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
Community	1332 kHz	SL10068	TS10002229	3.2	Margaret River

Schedule Four

Licence Area Plan : Bunbury Radio

Licence Area : HARVEY RA1

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
Community	96.5 MHz	SL1130120	TS1133509	4.2	Harvey

Schedule Five

Licence Area Plan : Bunbury Radio

Licence Area : AUGUSTA RA1

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
Community	97.1 MHz	SL1130119	TS1133510	5.2	Augusta

Attachment 1.1

Licence Area - BUNBURY RA1

Licence Area ID - 486

Commercial Radio Service Licence numbers: SL10043, SL10074, SL10404

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 8 August 2006, is:

Area Description	Area Description
Augusta-Margaret River (S)	WA CD 051001
(LGA)	WA CD 051002
Bunbury (C) (LGA)	WA CD 051003
Busselton (S) (LGA)	WA CD 051005
Capel (S) (LGA)	WA CD 051006
Collie (S) (LGA)	WA CD 051007
Dardanup (S) (LGA)	WA CD 051008
Harvey (S) (LGA)	WA CD 051009
Warroona (S) (LGA)	WA CD 051010
WA CD 050901	WA CD 051011
WA CD 050902	

Note:

Standard terminology used by the Australian Bureau of Statistics:

- (C) = City
- (LGA) = Local Government Area
- (CD) = Collection District
- (S) = Shire

Attachment 1.2

LICENCE AREA PLAN : Bunbury Radio

Category : National
General Area Served : Bunbury (WA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002140

Transmitter Site :-

Nominal location : Broadcast Site Mt Lennard BUNBURY
Australian Map Grid : Zone Easting Northing
Reference 50 399100 6304200
Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode VHF-FM
Carrier Frequency : 93.3 MHz
Polarisation Vertical
Maximum antenna height 156 m

Output Radiation Pattern :-

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

Attachment 1.3

LICENCE AREA PLAN : Bunbury Radio

Category : National
General Area Served : Bunbury (WA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002142

Transmitter Site :-

Nominal location : Broadcast Site Mt Lennard BUNBURY
Australian Map Grid : Zone Easting Northing
Reference 50 399100 6304200
Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode VHF-FM
Carrier Frequency : 94.1 MHz
Polarisation Mixed
Maximum antenna height 156 m

Output Radiation Pattern :-

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

Attachment 1.4

LICENCE AREA PLAN : Bunbury Radio

Category : National
General Area Served : Busselton (WA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS1133175

Transmitter Site :-

Nominal location : Broadcast Site BUSSELTON
Australian Map Grid : Zone Easting Northing
Reference 50 335674 6273998
Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 684 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	885 V

Attachment 1.5**LICENCE AREA PLAN : Bunbury Radio**

Category : National
General Area Served : Busselton (WA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS1131023

Transmitter Site :-

Nominal location : Broadcast Site BUSSELTON
Australian Map Grid : Zone Easting Northing
Reference 50 335674 6273998
Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 1269 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	885 V

Attachment 1.6

LICENCE AREA PLAN : Bunbury Radio

Category : National
General Area Served : Augusta (WA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002268

Transmitter Site :-

Nominal location : Broadcast Site Leeuwin Rd/Osnaburg St
Junction AUGUSTA

Australian Map Grid : Zone Easting Northing
Reference 50 330562 6200259

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode VHF-FM
Carrier Frequency : 98.3 MHz
Polarisation Mixed
Maximum antenna height 30 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	50 W

Attachment 1.7

LICENCE AREA PLAN : Bunbury Radio

Category : National
General Area Served : Augusta (WA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002269

Transmitter Site :-

Nominal location : Broadcast Site Leeuwin Rd/Osnaburg St
Junction AUGUSTA

Australian Map Grid : Zone Easting Northing
Reference 50 330562 6200259

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode VHF-FM
Carrier Frequency : 99.1 MHz
Polarisation Mixed
Maximum antenna height 30 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	50 W

LICENCE AREA PLAN : Bunbury Radio

Category : Commercial
General Area Served : Bunbury (WA)
Service Licence Number : SL10404

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10002334

Transmitter Site :-

Nominal location : Broadcast Site Wireless Rd 11 km E of
BUNBURY

Australian Map Grid : Zone Easting Northing
Reference 50 383800 6310100

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 963 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	450 V

Attachment 1.9

LICENCE AREA PLAN : Bunbury Radio

Category : Commercial

General Area Served : Collie (WA)

Service Licence Number : SL10404

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10002336

Transmitter Site :-

Nominal location : Broadcast Site 4 km ESE of COLLIE

Australian Map Grid : Zone Easting Northing
Reference 50 424901 6307301

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM

Carrier Frequency : 1134 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	450 V

Attachment 1.10**LICENCE AREA PLAN : Bunbury Radio**

Category : Commercial
General Area Served : Margaret River (WA)
Service Licence Number : SL10404

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10002344

Transmitter Site :-

Nominal location : Broadcast Site Taunton Farm Lot 2536
Bussell Hwy MARGARET RIVER

Australian Map Grid : Zone Easting Northing
Reference 50 326102 6257100

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 756 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	450 V

Attachment 1.11

LICENCE AREA PLAN : Bunbury Radio

Category : Commercial
General Area Served : Bunbury (WA)
Service Licence Number : SL10043

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002138

Transmitter Site :-

Nominal location : Broadcast Site Mt Lennard BUNBURY
Australian Map Grid : Zone Easting Northing
Reference 50 399100 6304200
Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode VHF-FM
Carrier Frequency : 95.7 MHz
Polarisation Mixed
Maximum antenna height 160 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 180°T	6 kW
180°T - 270°T	60 kW
270°T - 340°T	12 kW
340°T - 360°T	6 kW

Attachment 1.12**LICENCE AREA PLAN : Bunbury Radio**

Category : Commercial
General Area Served : Bunbury (WA)
Service Licence Number : SL10074

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10002241

Transmitter Site :-

Nominal location : Broadcast Site Wireless Rd 11 km E of
BUNBURY

Australian Map Grid : Zone Easting Northing
Reference 50 383800 6310100

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 621 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	450 V

Attachment 1.13**LICENCE AREA PLAN : Bunbury Radio**

Category : Commercial
General Area Served : Collie (WA)
Service Licence Number : SL10074

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10002747

Transmitter Site :-

Nominal location : Broadcast Site 4 km ESE of COLLIE

Australian Map Grid : Zone Easting Northing
Reference 50 424901 6307301

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 1548 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	450 V

Attachment 1.14**LICENCE AREA PLAN : Bunbury Radio**

Category : Commercial
General Area Served : Margaret River (WA)
Service Licence Number : SL10074

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10002748

Transmitter Site :-

Nominal location : Broadcast Site Taunton Farm Lot 2536
Bussell Hwy MARGARET RIVER

Australian Map Grid : Zone Easting Northing
Reference 50 326102 6257100

Site Tolerance : Refer to *Broadcasting Services*
(*Technical Planning*) *Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 1494 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	450 V

Attachment 1.15

LICENCE AREA PLAN : Bunbury Radio

Category : Open Narrowcasting
General Area Served : Bunbury (WA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10002242

Transmitter Site :-

Nominal location : Broadcast Site Wireless Rd 11 km E of
BUNBURY

Australian Map Grid : Zone Easting Northing
Reference 50 383800 6310100

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 1017 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	450 V

Attachment 1.16**LICENCE AREA PLAN : Bunbury Radio**

Category : Open Narrowcasting
General Area Served : Busselton (WA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10002240

Transmitter Site :-

Nominal location : Broadcast Site BUSSELTON
Australian Map Grid : Zone Easting Northing
Reference 50 335674 6273998
Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 1404 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	800 V

Attachment 1.17**LICENCE AREA PLAN : Bunbury Radio**

Category : Commercial
General Area Served : Collie (WA)
Service Licence Number : SL10043

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1133472

Transmitter Site :-

Nominal location : Broadcast Site 4 km ESE of COLLIE

Australian Map Grid : Zone Easting Northing
Reference 50 424901 6307301

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode VHF-FM
Carrier Frequency : 96.7 MHz
Polarisation Vertical
Maximum antenna height 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	80 W

Special Conditions :-

This service has potential to cause interference to the reception of Bunbury TV service ABSW5. Implementation of the proposed specification is subject to clearance of ABSW5 Bunbury or the licensee may increase the power gradually to determine the maximum ERP that will not cause any interference to the reception of ABSW5 Bunbury in Collie or surrounding areas. The licensee is responsible for alleviation of the interference.

Attachment 1.18**LICENCE AREA PLAN : Bunbury Radio**

Category : Commercial
General Area Served : Margaret River (WA)
Service Licence Number : SL10043

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1133511

Transmitter Site :-

Nominal location : SES Lot 25 to 26 Le Souef Street
MARGARET RIVER

Australian Map Grid : Zone Easting Northing
Reference 50 322164 6241481

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode VHF-FM
Carrier Frequency : 100.3 MHz
Polarisation Vertical
Maximum antenna height 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	25 W

Attachment 1.19

LICENCE AREA PLAN : Bunbury Radio

Category : Commercial
General Area Served : Augusta (WA)
Service Licence Number : SL10404

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1133501

Transmitter Site :-

Nominal location : Broadcast Site Leeuwin Rd/Osnaburg St
Junction AUGUSTA

Australian Map Grid : Zone Easting Northing
Reference 50 330562 6200259

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode VHF-FM
Carrier Frequency : 101.5 MHz
Polarisation Vertical
Maximum antenna height 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	80 W

Attachment 1.20**LICENCE AREA PLAN : Bunbury Radio**

Category : National
General Area Served : Busselton (WA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS1132618

Transmitter Site :-

Nominal location : Broadcast Site BUSSELTON
Australian Map Grid : Zone Easting Northing
Reference 50 335674 6273998
Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 1152 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
0°T - 0°T	0	1.005 kV
10°T - 10°T	0	680 V
20°T - 20°T	0	480 V
25°T - 25°T	8.9	425 V
30°T - 30°T	0	735 V
40°T - 40°T	0	1.105 kV
50°T - 50°T	0	1.335 kV
60°T - 60°T	0	1.35 kV
70°T - 70°T	0	1.17 kV
80°T - 80°T	0	890 V
90°T - 90°T	0	620 V
100°T - 100°T	0	455 V
110°T - 110°T	0	415 V
120°T - 120°T	0	410 V
130°T - 130°T	0	405 V
140°T - 140°T	0	395 V
150°T - 150°T	0	445 V
160°T - 160°T	0	610 V

170°T - 170°T	0	855 V
180°T - 180°T	0	1.12 kV
190°T - 190°T	0	1.305 kV
200°T - 200°T	0	1.34 kV
210°T - 210°T	0	1.165 kV
220°T - 220°T	0	800 V
230°T - 230°T	0	435 V
240°T - 240°T	0	565 V
250°T - 250°T	0	935 V
260°T - 260°T	0	1.21 kV
270°T - 270°T	0	1.345 kV
280°T - 280°T	0	1.385 kV
290°T - 290°T	0	1.375 kV
300°T - 300°T	0	1.365 kV
310°T - 310°T	0	1.38 kV
320°T - 320°T	0	1.405 kV
330°T - 330°T	0	1.415 kV
340°T - 340°T	0	1.375 kV
350°T - 350°T	0	1.25 kV

Attachment 1.21

LICENCE AREA PLAN : Bunbury Radio

Category : Open Narrowcasting
General Area Served : Bunbury (WA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS1133531

Transmitter Site :-

Nominal location : Broadcast Site Wireless Rd 11 km E of
BUNBURY

Australian Map Grid : Zone Easting Northing
Reference 50 383800 6310100

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 855 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	220 V

Attachment 1.22**LICENCE AREA PLAN : Bunbury Radio**

Category : Open Narrowcasting
General Area Served : Collie (WA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS1133516

Transmitter Site :-

Nominal location : Broadcast Site 4 km ESE of COLLIE

Australian Map Grid : Zone Easting Northing
Reference 50 424901 6307301

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM

Carrier Frequency : 1593 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	220 V

Attachment 2.1

Licence Area - COLLIE RA1

Licence Area ID - 779

Community Radio Service Licence numbers: SL10062

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 8 August 2006, is:

Area Description

Collie (S) (LGA)

Note:

Standard terminology used by the Australian Bureau of Statistics:

(LGA) = Local Government Area

(S) = Shire

Attachment 2.2

LICENCE AREA PLAN : Bunbury Radio

Category : Community
General Area Served : Collie (WA)
Service Licence Number : SL10062

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10002158

Transmitter Site :-

Nominal location : Broadcast Site 4 km ESE of COLLIE

Australian Map Grid : Zone Easting Northing
Reference 50 424901 6307301

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 1089 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	220 V

Attachment3.1

Licence Area - MARGARET RIVER RA1

Licence Area ID - 780

Community Radio Service Licence numbers: SL10068

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 8 August 2006, is:

Area Description
Augusta-Margaret River (S) (LGA)
Busselton (S) (LGA)

Note:

Standard terminology used by the Australian Bureau of Statistics:

(LGA) = Local Government Area

(S) = Shire

Attachment3.2

LICENCE AREA PLAN : Bunbury Radio

Category : Community
General Area Served : Margaret River (WA)
Service Licence Number : SL10068

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10002229

Transmitter Site :-

Nominal location : Broadcast Site Taunton Farm Lot 2536
Bussell Hwy MARGARET RIVER

Australian Map Grid : Zone Easting Northing
Reference 50 326102 6257100

Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode MF-AM
Carrier Frequency : 1332 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	220 V

Attachment4.1

Licence Area - HARVEY RA1

Licence Area ID - 1364

Community Radio Service Licence numbers: SL1130120

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 8 August 2006, is:

Area Description

Dardanup (S) - Pt A (SLA)

Harvey (S) - Pt A (SLA)

WA CD 061501

WA CD 061502

WA CD 061503

WA CD 061504

WA CD 061505

WA CD 061506

WA CD 061507

WA CD 061508

WA CD 061509

WA CD 061510

WA CD 061511

WA CD 061514

WA CD 061515

WA CD 061516

WA CD 061517

WA CD 061518

WA CD 061605

WA CD 061607

WA CD 061611

WA CD 061615

WA CD 061620

WA CD 5052305

Note:

Standard terminology used by the Australian Bureau of Statistics:

(SLA) = Statistical Local Area

(CD) = Collection District

(S) = Shire

LICENCE AREA PLAN : Bunbury Radio

Category : Community
 General Area Served : Harvey (WA)
 Service Licence Number : SL1130120

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1133509

Transmitter Site :-

Nominal location : 6HRV FM Site Honeymoon Road HARVEY
 Australian Map Grid : Zone Easting Northing
 Reference 50 400273 6342984
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode VHF-FM
 Carrier Frequency : 96.5 MHz
 Polarisation Vertical
 Maximum antenna height 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 180°T	10 W
180°T - 210°T	200 W
210°T - 270°T	400 W
270°T - 300°T	200 W
300°T - 360°T	10 W

Licence Area - AUGUSTA RA1

Licence Area ID - 1319

Community Radio Service Licence numbers: SL1130119

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 8 August 2006, is:

Area Description
WA CD 052304
WA CD 052305
WA CD 052306
WA CD 052307
WA CD 052308
WA CD 052310

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

LICENCE AREA PLAN : Bunbury Radio

Category : Community
 General Area Served : Augusta (WA)
 Service Licence Number : SL1130119

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1133510

Transmitter Site :-

Nominal location : Augusta Telecentre Bdlg 66 Allnutt Terrace
 AUGUSTA

Australian Map Grid : Zone Easting Northing
 Reference 50 330189 6201317

Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode VHF-FM
 Carrier Frequency : 97.1 MHz
 Polarisation Vertical
 Maximum antenna height 25 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	200 W

Endnotes

Endnote 1 – About the endnotes

The endnotes provide information about this compilation and the compiled law.

Endnote 2 (Abbreviation key) sets out abbreviations that may be used in the endnotes.

Endnote 3 (Legislation history) provides information about each law that has amended (or will amend) the compiled law. The information includes commencement details for amending laws and details of any application, saving or transitional provisions that are not included in this compilation.

Endnote 4 (Amendment history) provides information about the amendments at the provision (generally section or equivalent) level and includes information about any provision of the compiled law that has been repealed in accordance with a provision of the law.

It also includes information about any misdescribed amendment (that is, an amendment that does not accurately describe the amendment to be made). If, despite the misdescription, the amendment can be given effect as intended, the amendment is incorporated into the compiled law and the abbreviation “(md)” added to the details of the amendment included in the amendment history. If a misdescribed amendment cannot be given effect as intended, the abbreviation “(md not incorp)” is added to the details of the amendment included in the amendment history.

Endnote 2—Abbreviation key

ad = added or inserted

am = amended

rep. = repealed

rs. = repealed and substituted

Endnote 3—Legislation history

Name	Registration or Notification in Gazette	Commencement	Application, saving and transitional provisions
Licence Area Plan – Bunbury (Radio) – November 1996	27 November 1996 (<i>see Gazette</i> 1996, No. GN47)	12 November 1996	
Variation to Licence Area Plan – Bunbury (Radio) – No. 1 of 2010	26 October 2010 (<i>see F2010L02810</i>)	27 October 2010	
Broadcasting Services (Technical Planning) Guidelines (Consequential Amendments) Instrument 2017 (No. 1)	29 September 2017 (F2017L01299)	30 September 2017	

Endnote 4—Amendment history

ad. = added or inserted am. = amended rep. = repealed rs. = repealed and substituted

Provision affected	How affected
Clause (1).....	am. No.1 of 2010.
Clause (2).....	am. No.1 of 2010.
Clause (3).....	am. No.1 of 2010.
Clause (4).....	am. No.1 of 2010.
Clause (5).....	am. No.1 of 2010.
Clause (6).....	ad. No.1 of 2010.
Clause (7).....	ad. No.1 of 2010.
Schedule One.....	rs. No.1 of 2010.
Schedule Two.....	rs. No.1 of 2010.
Schedule Three.....	rs. No.1 of 2010.
Schedule Four.....	rs. No.1 of 2010.
Schedule Five.....	ad. No.1 of 2010.
Attachment 1.1.....	rs. No.1 of 2010.
Attachment 1.2.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.3.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.4.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.5.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.6.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.7.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.8.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.9.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.10.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.11.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.12.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.13.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.14.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.15.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.16.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 1.17.....	ad. No.1 of 2010; am. No.1 of 2017.
Attachment 1.18.....	ad. No.1 of 2010; am. No.1 of 2017.
Attachment 1.19.....	ad. No.1 of 2010; am. No.1 of 2017.
Attachment 1.20.....	ad. No.1 of 2010; am. No.1 of 2017.
Attachment 1.21.....	ad. No.1 of 2010; am. No.1 of 2017.
Attachment 1.22.....	ad. No.1 of 2010; am. No.1 of 2017.
Attachment 2.1.....	rs. No.1 of 2010.
Attachment 2.2.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 3.1.....	rs. No.1 of 2010.
Attachment 3.2.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 4.1.....	rs. No.1 of 2010.
Attachment 4.2.....	rs. No.1 of 2010; am. No.1 of 2017.
Attachment 5.1.....	ad. No.1 of 2010.
Attachment 5.2.....	ad. No.1 of 2010; am. No.1 of 2017.