

Licence Area Plan – Bourke 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 – Bourke 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If a provision of the compiled law has been repealed in accordance with a provision of the law, details are included in the endnotes.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 – Bourke

## DETERMINATION

1. The Australian Broadcasting Authority hereby makes this plan for community radio broadcasting services and open narrowcasting services in the Bourke area of New South Wales, under section 26(1) of the *Broadcasting Services Act 1992*.
2. One community radio broadcasting service and nine open narrowcasting radio services are to be available in the Bourke 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 is set out in the Schedule and Attachments 1.2 - 1.13 and 1.15 - 1.17 to this Determination.
3. One community radio broadcasting service is to be available in the Bourke area described at Attachment 2.1 to this determination with the use of the broadcasting services bands. The characteristics, including technical specifications, of the service that is to be available in the area described at Attachment 2.1 is set out in the Schedule and Attachments 2.2 – 2.6  to this Determination.
4. One community radio broadcasting service and one open narrowcasting radio service is to be available in the Lightning Ridge 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 is set out in the Schedule and Attachments 3.2 to 3.3 to this Determination.
5. One community radio broadcasting service is to be available in the Wilcannia area as described at Attachment 4.1 to this plan with the use of the broadcasting services bands. The characteristics, including technical specifications, of the service that is to be available in the area described at Attachment 4.1 are set out in Schedule Four and Attachment 4.2 to this plan.
6. A reference in this plan 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 10 December 1996)

Schedule One

Licence Area Plan : Bourke Radio

Licence Area : BOURKE RA1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Service Category | Channel/ Frequency | Service Licence No | Transmitter Specification No | Attach No | Area Served |
| Community | 585 kHz | SL10211 | TS10004346 | 1.2 | Bourke |
|  | 91.1 MHz | SL10211 | TS10004446 | 1.3 | Coonamble |
|  | 90.5 MHz | SL10211 | TS10003539 | 1.4 | Lightning Ridge |
|  | 100.7 MHz | SL10211 | TS10002774 | 1.5 | Nyngan |
|  | 104.3 MHz | SL10211 | TS10003540 | 1.6 | Walgett |
|  | 99.9 MHz | SL10211 | TS10003545 | 1.7 | Wilcannia |
| Open Narrowcasting | 96.1 MHz | N/A | TS10004314 | 1.8 | Bourke |
| Open Narrowcasting | 94.5 MHz | N/A | TS10004315 | 1.9 | Bourke |
| Open Narrowcasting | 96.1 MHz | N/A | TS10004500 | 1.10 | Brewarrina |
| Open Narrowcasting | 94.5 MHz | N/A | TS10004501 | 1.11 | Brewarrina |
| Open Narrowcasting | 97.1 MHz | N/A | TS10004338 | 1.12 | Collarenebri |
| Open Narrowcasting | 95.5 MHz | N/A | TS10004339 | 1.13 | Collarenebri |
| Open Narrowcasting | 99.5 MHz | N/A | TS10004343 | 1.15 | Walgett |
| Open Narrowcasting | 96.7 MHz | N/A | TS10004344 | 1.16 | Wilcannia |
| Open Narrowcasting | 98.3 MHz | N/A | TS10004345 | 1.17 | Wilcannia |

Schedule Two

Licence Area Plan : Bourke Radio

Licence Area : BOURKE RA2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Service Category | Channel/ Frequency | Service Licence No | Transmitter Specification No | Attach No | Area Served |
| Community | 106.5 MHz | SL10212 | TS10004309 | 2.2 | Bourke |
|  | 97.7 MHz | SL10212 | TS10013226 | 2.3 | Goodooga |
|  | 96.1 MHz | SL10212 | TS10013227 | 2.4 | Lightning Ridge |
|  | 102.7 MHz | SL10212 | TS10013228 | 2.5 | Walgett |
|  | 100.5 MHz | SL10212 | TS10013229 | 2.6 | Weilmoringle |

Schedule Three

Licence Area Plan : Bourke Radio

Licence Area : LIGHTNING RIDGE RA1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Service Category | Channel/ Frequency | Service Licence No | Transmitter Specification No | Attach No | Area Served |
| Community | 89.7 MHz | SL10414 | TS10004341 | 3.2 | Lightning Ridge |
| Open Narrowcasting | 98.5 MHz | N/A | TS10004340 | 3.3 | Lightning Ridge |

Schedule Four

Licence Area Plan : Bourke Radio

Licence Area : WILCANNIA RA1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Service Category | Channel/ Frequency | Service Licence No | Transmitter Specification No | Attach No | Area Served |
| Community | 103.1 MHz | SL1130134 | TS1133585 | 4.2 | Wilcannia |

Attachment 1.1

Licence Area - BOURKE RA1

Licence Area ID - 443

Community Radio Service Licence number: SL10211

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

| Area Description |
| --- |
| Bourke (A) (LGA) |
| Brewarrina (A) (LGA) |
| NSW CD 020105 |
| NSW CD 021002 |
| NSW CD 021006 |
| NSW CD 030101 |
| NSW CD 030102 |
| NSW CD 030103 |
| NSW CD 030104 |
| NSW CD 030105 |
| NSW CD 030109 |
| NSW CD 030110 |
| NSW CD 031402 |
| NSW CD 040102 |
| NSW CD 040103 |
| NSW CD 040104 |
| NSW CD 040201 |
| NSW CD 040202 |
| NSW CD 040203 |
| NSW CD 040204 |
| NSW CD 040205 |
| NSW CD 040206 |
| NSW CD 040207 |
| NSW CD 040306 |
| NSW CD 040401 |
| NSW CD 040402 |
| NSW CD 040404 |
| NSW CD 040405 |
| NSW CD 040406 |
| NSW CD 040407 |
| NSW CD 042901 |
| NSW CD 042902 |
| NSW CD 042903 |
| NSW CD 042904 |
| NSW CD 042905 |
| NSW CD 042906 |
| NSW CD 042907 |
| NSW CD 042908 |
| NSW CD 042909 |
| NSW CD 042910 |

Note:

Standard terminology used by the Australian Bureau of Statistics:

(LGA) = Local Government Area

(A) = NSW Local Government Area (excluding Cities)

(CD) = Collection District

Attachment 1.2

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Bourke (NSW)

Service Licence Number : SL10211

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10004346

Transmitter Site :-

Nominal location : Broadcast Site, 3km E of BOURKE

Australian Map Grid : Zone Easting Northing  
Reference 55 401800 6669400

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

Emission :-

Frequency Band & Mode : MF-AM

Carrier Frequency : 585 kHz

Output Radiation Pattern :-

|  |  |  |
| --- | --- | --- |
| Bearing or Sector (Clockwise direction) | Elevation | Maximum CMF |
| 0°T - 0°T | 0 | 270 V |
| 10°T - 10°T | 0 | 420 V |
| 20°T - 20°T | 0 | 670 V |
| 30°T - 30°T | 0 | 850 V |
| 40°T - 40°T | 0 | 1.1 kV |
| 50°T - 50°T | 0 | 1.2 kV |
| 60°T - 60°T | 0 | 1.2 kV |
| 70°T - 70°T | 0 | 1.2 kV |
| 80°T - 80°T | 0 | 1.2 kV |
| 90°T - 90°T | 0 | 1.2 kV |
| 100°T - 100°T | 0 | 1.2 kV |
| 110°T - 110°T | 0 | 1.2 kV |
| 115°T - 115°T | 9 | 1.2 kV |
| 120°T - 120°T | 0 | 1.2 kV |
| 130°T - 130°T | 0 | 1.2 kV |
| 134°T - 134°T | 16 | 980 V |
| 140°T - 140°T | 0 | 1.1 kV |
| 150°T - 150°T | 0 | 850 V |
| 160°T - 160°T | 0 | 600 V |
| 170°T - 170°T | 0 | 380 V |
| 180°T - 180°T | 0 | 300 V |
| 190°T - 190°T | 0 | 480 V |
| 200°T - 200°T | 0 | 750 V |
| 205°T - 205°T | 12 | 870 V |
| 210°T - 210°T | 0 | 950 V |
| 220°T - 220°T | 0 | 1.1 kV |
| 230°T - 230°T | 0 | 1.2 kV |
| 240°T - 240°T | 0 | 1.2 kV |
| 250°T - 250°T | 0 | 1.2 kV |
| 260°T - 260°T | 0 | 1.3 kV |
| 270°T - 270°T | 0 | 1.3 kV |
| 280°T - 280°T | 0 | 1.3 kV |
| 290°T - 290°T | 0 | 1.2 kV |
| 300°T - 300°T | 0 | 1.2 kV |
| 310°T - 310°T | 0 | 1.2 kV |
| 320°T - 320°T | 0 | 1.1 kV |
| 330°T - 330°T | 0 | 950 V |
| 340°T - 340°T | 0 | 670 V |
| 350°T - 350°T | 0 | 420 V |

Special Conditions :-

The licensee of this service will not cause interference to the protected coverage of the adjacent and co-channel Sydney services. Should interference occur then the licensee will be required to reduce power to avoid this interference**.**

Attachment 1.3

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Coonamble (NSW)

Service Licence Number : SL10211

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004446

Transmitter Site :-

Nominal location : Water Tank, COONAMBLE

Australian Map Grid : Zone Easting Northing  
Reference 55 632800 6573800

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 91.1 MHz

Polarisation : Mixed

Maximum antenna height : 22 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| 0°T - 250°T | 250 W |
| 250°T - 265°T | 500 W |
| 265°T - 335°T | 1 kW |
| 335°T - 350°T | 500 W |
| 350°T - 360°T | 250 W |

Attachment 1.4

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Lightning Ridge (NSW)

Service Licence Number : SL10211

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003539

Transmitter Site :-

Nominal location : Broadcast Site, Wooloroo 2km N of LIGHTNING RIDGE

Australian Map Grid : Zone Easting Northing  
Reference 55 594200 6746400

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 90.5 MHz

Polarisation : Mixed

Maximum antenna height : 60 m

Output Radiation Pattern :-

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

Attachment 1.5

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Nyngan (NSW)

Service Licence Number : SL10211

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002774

Transmitter Site :-

Nominal location : Broadcast Site, Water Tank, Terangion St. NYNGAN

Australian Map Grid : Zone Easting Northing  
Reference 55 518100 6507600

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 100.7 MHz

Polarisation : Mixed

Maximum antenna height : 30 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| 0°T - 90°T | 1 kW |
| 90°T - 270°T | 500 W |
| 270°T - 360°T | 1 kW |

Attachment 1.6

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Walgett (NSW)

Service Licence Number : SL10211

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003540

Transmitter Site :-

Nominal location : Broadcast Site, 1km NE of WALGETT

Australian Map Grid : Zone Easting Northing  
Reference 55 609300 6679700

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 104.3 MHz

Polarisation : Mixed

Maximum antenna height : 22 m

Output Radiation Pattern :-

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

Attachment 1.7

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Wilcannia (NSW)

Service Licence Number : SL10211

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003545

Transmitter Site :-

Nominal location : Broadcast Site, WILCANNIA

Australian Map Grid : Zone Easting Northing  
Reference 54 725900 6506600

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 99.9 MHz

Polarisation : Vertical

Maximum antenna height : 26 m

Output Radiation Pattern :-

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

Attachment 1.8

LICENCE AREA PLAN : Bourke Radio

Category : Open Narrowcasting

General Area Served : Bourke (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004314

Transmitter Site :-

Nominal location : Broadcast Site, Sturt St. BOURKE

Australian Map Grid : Zone Easting Northing  
Reference 55 398500 6670500

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 96.1 MHz

Polarisation : Vertical

Maximum antenna height : 15 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 10 W |

Attachment 1.9

LICENCE AREA PLAN : Bourke Radio

Category : Open Narrowcasting

General Area Served : Bourke (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004315

Transmitter Site :-

Nominal location : Broadcast Site, Sturt St. BOURKE

Australian Map Grid : Zone Easting Northing  
Reference 55 398500 6670500

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 94.5 MHz

Polarisation : Vertical

Maximum antenna height : 15 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 10 W |

Attachment 1.10

LICENCE AREA PLAN : Bourke Radio

Category : Open Narrowcasting

General Area Served : Brewarrina (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004500

Transmitter Site :-

Nominal location : Broadcast Site, Bathurst St. BREWARRINA

Australian Map Grid : Zone Easting Northing  
Reference 55 486900 6685100

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 96.1 MHz

Polarisation : Vertical

Maximum antenna height : 15 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 10 W |

Attachment 1.11

LICENCE AREA PLAN : Bourke Radio

Category : Open Narrowcasting

General Area Served : Brewarrina (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004501

Transmitter Site :-

Nominal location : Broadcast Site, Bathurst St. BREWARRINA

Australian Map Grid : Zone Easting Northing  
Reference 55 486900 6685100

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 94.5 MHz

Polarisation : Vertical

Maximum antenna height : 15 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 10 W |

Attachment 1.12

LICENCE AREA PLAN : Bourke Radio

Category : Open Narrowcasting

General Area Served : Collarenebri (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004338

Transmitter Site :-

Nominal location : Broadcast Site, 4km SW of Post Office, COLLARENEBRI

Australian Map Grid : Zone Easting Northing  
Reference 55 649500 6727600

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 97.1 MHz

Polarisation : Mixed

Maximum antenna height : 45 m

Output Radiation Pattern :-

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

Attachment 1.13

LICENCE AREA PLAN : Bourke Radio

Category : Open Narrowcasting

General Area Served : Collarenebri (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004339

Transmitter Site :-

Nominal location : Broadcast Site, 4km SW of Post Office, COLLARENEBRI

Australian Map Grid : Zone Easting Northing  
Reference 55 649500 6727600

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 95.5 MHz

Polarisation : Mixed

Maximum antenna height : 45 m

Output Radiation Pattern :-

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

Attachment 1.15

LICENCE AREA PLAN : Bourke Radio

Category : Open Narrowcasting

General Area Served : Walgett (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004343

Transmitter Site :-

Nominal location : Broadcast Site, 1km NE of WALGETT

Australian Map Grid : Zone Easting Northing  
Reference 55 609300 6679700

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 99.5 MHz

Polarisation : Mixed

Maximum antenna height : 22 m

Output Radiation Pattern :-

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

Attachment 1.16

LICENCE AREA PLAN : Bourke Radio

Category : Open Narrowcasting

General Area Served : Wilcannia (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004344

Transmitter Site :-

Nominal location : Broadcast Site, WILCANNIA

Australian Map Grid : Zone Easting Northing  
Reference 54 725900 6506600

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 : 26 m

Output Radiation Pattern :-

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

Attachment 1.17

LICENCE AREA PLAN : Bourke Radio

Category : Open Narrowcasting

General Area Served : Wilcannia (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004345

Transmitter Site :-

Nominal location : Broadcast Site, WILCANNIA

Australian Map Grid : Zone Easting Northing  
Reference 54 725900 6506600

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 98.3 MHz

Polarisation : Vertical

Maximum antenna height : 26 m

Output Radiation Pattern :-

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

Attachment 2.1

Licence Area - BOURKE RA2

Licence Area ID - 767

Community Radio Service Licence number: SL10212

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

| Area Description |
| --- |
| Bourke (A) (LGA) |
| Brewarrina (A) (LGA) |
| NSW CD 020105 |
| NSW CD 021002 |
| NSW CD 021006 |
| NSW CD 030101 |
| NSW CD 031402 |
| NSW CD 040102 |
| NSW CD 040103 |
| NSW CD 040104 |
| NSW CD 040201 |
| NSW CD 040202 |
| NSW CD 040203 |
| NSW CD 040204 |
| NSW CD 040205 |
| NSW CD 040206 |
| NSW CD 040207 |
| NSW CD 042901 |
| NSW CD 042902 |
| NSW CD 042903 |
| NSW CD 042904 |
| NSW CD 042905 |
| NSW CD 042906 |
| NSW CD 042907 |
| NSW CD 042908 |
| NSW CD 042909 |
| NSW CD 042910 |

Note:

Standard terminology used by the Australian Bureau of Statistics:

(LGA) = Local Government Area

(A) = NSW Local Government Area (excluding Cities)

(CD) = Collection District

Attachment 2.2

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Bourke (NSW)

Service Licence Number : SL10212

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004309

Transmitter Site :-

Nominal location : Broadcast Site, Mt Oxley, BOURKE

Australian Map Grid : Zone Easting Northing  
Reference 55 426800 6658700

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 106.5 MHz

Polarisation : Mixed

Maximum antenna height : 30 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 10 kW |

Attachment 2.3

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Goodooga (NSW)

Service Licence Number : SL10212

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013226

Transmitter Site :-

Nominal location : 2CUZ Site, GOODOOGA

Australian Map Grid : Zone Easting Northing  
Reference 55 543781 6778994

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 97.7 MHz

Polarisation : Vertical

Maximum antenna height : 20 m

Output Radiation Pattern :-

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

Attachment 2.4

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Lightning Ridge (NSW)

Service Licence Number : SL10212

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013227

Transmitter Site :-

Nominal location : Water Tower, Butterfly Street, LIGHTNING RIDGE

Australian Map Grid : Zone Easting Northing  
Reference 55 595152 6742955

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 96.1 MHz

Polarisation : Vertical

Maximum antenna height : 30 m

Output Radiation Pattern :-

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

Attachment 2.5

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Walgett (NSW)

Service Licence Number : SL10212

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013228

Transmitter Site :-

Nominal location : 2CUZ Site, WALGETT

Australian Map Grid : Zone Easting Northing  
Reference 55 607686 6678831

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 102.7 MHz

Polarisation : Vertical

Maximum antenna height : 20 m

Output Radiation Pattern :-

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

Attachment 2.6

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Weilmoringle (NSW)

Service Licence Number : SL10212

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013229

Transmitter Site :-

Nominal location : 2CUZ Site, WEILMORINGLE

Australian Map Grid : Zone Easting Northing  
Reference 55 297549 6762506

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 100.5 MHz

Polarisation : Vertical

Maximum antenna height : 20 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 20 W |

Attachment 3.1

Licence Area - LIGHTNING RIDGE RA1

Licence Area ID - 781

Community Radio Service Licence number: SL10414

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

| Area Description |
| --- |
| NSW CD 042901 |
| NSW CD 042903 |
| NSW CD 042907 |
| NSW CD 042908 |

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

Attachment 3.2

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Lightning Ridge (NSW)

Service Licence Number : SL10414

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004341

Transmitter Site :-

Nominal location : Broadcast Site, :Wooloroost Site,: LIGHTNING RIDGE

Australian Map Grid : Zone Easting Northing  
Reference 55 594200 6764400

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 89.7 MHz

Polarisation : Mixed

Maximum antenna height : 60 m

Output Radiation Pattern :-

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

Attachment 3.3

LICENCE AREA PLAN : Bourke Radio

Category : Open Narrowcasting

General Area Served : Lightning Ridge (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004340

Transmitter Site :-

Nominal location : Broadcast Site, : Wooloroost, : 2km N of LIGHTNING RIDGE

Australian Map Grid : Zone Easting Northing  
Reference 55 594200 6746400

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 98.5 MHz

Polarisation : Mixed

Maximum antenna height : 60 m

Output Radiation Pattern :-

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

Attachment 4.1

Licence Area - WILCANNIA RA1

Licence Area ID - 1316

Community Radio Service Licence number: SL1130134

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

| Area Description |
| --- |
| NSW CD 021006 |

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

Attachment 4.2

LICENCE AREA PLAN : Bourke Radio

Category : Community

General Area Served : Wilcannia (NSW)

Service Licence Number : SL1130134

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1133585

Transmitter Site :-

Nominal location : CDEP Bdlg, 39 Reid St. WILCANNIA

Australian Map Grid : Zone Easting Northing  
Reference 54 725700 6505842

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 103.1 MHz

Polarisation : Mixed

Maximum antenna height : 15 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 50 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**

Table of Instruments

| **Year** | **Date of notification  in Gazette or registration** | **Date of commencement** | **Application, saving or transitional provisions** |
| --- | --- | --- | --- |
| Community and Open Narrowcasting Radio Licence Area Plan Bourke (Radio) | 8 January 1997  (F2011C00225) | 8 January 1997 |  |
| Variation to Licence Area Plan Bourke (Radio) | 3 November 2004  (F2005B00659) | 3 November 2004 |  |
| Variation to the Licence Area Plan for Bourke Radio – No. 1 of 2011 | 24 March 2011  (F20101L00476) | 25 March 2011 |  |
| Broadcasting Services (Technical Planning) Guidelines (Consequential Amendments) Instrument 2017 (No. 1) | 29 September 2017  (F2017L01299) | 30 September 2017 |  |

Endnote 4 - Table of Amendments

|  | |
| --- | --- |
| Provision affected | How affected |
| Clause (1)…………….......... | am. No.1 of 2011. |
| Clause (2)…………….......... | am. No.1 of 2011. |
| Clause (3)………………….. | am. No.1 of 2011. |
| Clause (4)………………….. | am. No.1 of 2011. |
| Clause (5)………………….. | ad. No.1 of 2011. |
| Clause (6)………………….. | ad. No.1 of 2011. |
| Schedule One……………… | am. Variation of October 2004, rs. No.1 of 2011. |
| Schedule Two……………… | am. Variation of October 2004, rs. No.1 of 2011. |
| Schedule Three……………. | rs. No.1 of 2011. |
| Schedule Four……………... | ad. No.1 of 2011. |
| Attachment 1.1………..…… | am. Variation of October 2004, rs. No.1 of 2011. |
| Attachment 1.2.................... | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.3.................... | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.4.................... | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.5.................... | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.6.................... | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.7.................... | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.8.................... | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.9.................... | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.10.................. | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.11.................. | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.12.................. | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.13.................. | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.15.................. | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.16.................. | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 1.17.................. | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 2.1.................... | am. Variation of October 2004, rs. No.1 of 2011. |
| Attachment 2.2.................... | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 2.3.................... | ad. Variation of October 2004, rs. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 2.4.................... | ad. Variation of October 2004, rs. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 2.5.................... | ad. Variation of October 2004, rs. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 2.6.................... | ad. Variation of October 2004, rs. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 3.1.................... | am. Variation of October 2004, rs. No.1 of 2011. |
| Attachment 3.2.................... | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 3.3.................... | ad. No.1 of 2011; am. No. 1 of 2017. |
| Attachment 4.1.................... | ad. No.1 of 2011. |
| Attachment 4.2.................... | ad. No.1 of 2011; am. No. 1 of 2017. |