

# Variation to Licence Area Plan for Bourke Radio – No.1 of 2011

## 1. Enabling legislation

The Australian Communications and Media Authority makes this instrument under subsection 26(2) of the *Broadcasting Services Act 1992*.

## 2. Name of Instrument

This instrument is the *Variation to the Licence Area Plan for Bourke Radio – No. 1 of 2011*.

## 3. Commencement

This instrument commences the day after it is registered.

*Note:* An instrument is registered when it is recorded on the Federal Register of Legislative Instruments (FRLI) in electronic form: see the *Legislative Instruments Act 2003*, s4 (definition of register). The FRLI may be accessed at <http://www.frli.gov.au>

## 4. Variation

The *Community and Open Narrowcasting Radio Licence Area Plan for Bourke Radio* determined by the Australian Broadcasting Authority on 10 December 1996 and varied on 21 October 2004 is varied as follows:

- (a) rename the instrument as the “Licence Area Plan for Bourke Radio”;
- (b) number each of the clauses consecutively as clauses (1), (2), (3) and (4);
- (c) insert the following clauses after clause (4):
  - “(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.
- (d) immediately before Schedule One:
  - (i) omit the heading “SCHEDULES”;
  - (ii) omit the words “The Schedules set out:” and all six paragraphs marked with dots points that follow;

- (e) omit Schedules One, Two and Three and substitute Schedules One, Two and Three to this instrument;
- (f) insert Schedule Four of this instrument immediately after Schedule Three;
- (g) omit all the Attachments and insert the Attachments to this instrument.

The Common Seal of the  
Australian Communications and Media Authority  
was affixed to this document  
in the presence of:

*[signed]*

*[signed]*

\_\_\_\_\_

\_\_\_\_\_

Signature of Member

Signature of Member/~~General Manager~~

CHRIS CHAPMAN

Richard Lancelot Bean

\_\_\_\_\_

\_\_\_\_\_

Name (Please Print)

Name (Please Print)

Dated this 11<sup>th</sup> day of *March* 2011.

## 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

**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:

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

**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 2007*

**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 2007*

#### **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



**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, Woolaroo 2km N of  
 LIGHTNING RIDGE

Australian Map Grid : Zone Easting Northing  
 Reference 55 594200 6746400

Site Tolerance : Refer to *Broadcasting Services  
 (Technical Planning) Guidelines 2007*

***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

**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 2007*

***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

**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 2007*

***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

**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 2007*

***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

**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 2007*

***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

**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 2007*

***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

**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 2007*

***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

**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 2007*

***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



**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 2007*

***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

**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 : Reference	Zone	Easting	Northing
	55	649500	6727600

Site Tolerance : Refer to *Broadcasting Services  
 (Technical Planning) Guidelines 2007*

***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

**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 2007*

***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

**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 2007*

**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

**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 2007*

***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

**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:

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

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(LGA) = Local Government Area

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

(CD) = Collection District

**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 2007*

***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

**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 2007*

***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



**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 2007*

***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

**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 2007*

***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

**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 2007*

***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

**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:

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**Area Description**

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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

**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 2007*

***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

**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 Site, :  
 LIGHTNING RIDGE

Australian Map Grid : Zone Easting Northing  
 Reference 55 594200 6746400

Site Tolerance : Refer to *Broadcasting Services  
 (Technical Planning) Guidelines 2007*

***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

**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:

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**Area Description**

NSW CD 021006

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

**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 Bldg, 39 Reid St. WILCANNIA

Australian Map Grid :	Zone	Easting	Northing
Reference	54	725700	6505842

Site Tolerance : Refer to *Broadcasting Services  
 (Technical Planning) Guidelines 2007*

***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