

Variation to Licence Area Plan – Mudgee Radio – 2022 (No. 1)

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

Dated:

Member

Member/General Manager

Australian Communications and Media Authority

1 Name

 This is the *Variation to Licence Area Plan – Mudgee Radio – 2022 (No. 1)*.

2 Commencement

 This instrument commences at the start of the day after the day it is registered on the Federal Register of Legislation.

Note: The Federal Register of Legislation may be accessed free of charge at [www.legislation.gov.au](http://www.legislation.gov.au).

3 Authority

 This instrument is made under subsection 26(2) of the *Broadcasting Services Act 1992*.

4 Amendments

 The instrument that is specified in Schedule 1 is amended as set out in the applicable items in that Schedule.

Schedule 1—Amendments

(section 4)

Licence Area Plan – Mudgee (Radio) – June 1997 (F2005B00622)

1 Name of instrument

Rename the instrument as the ‘Licence Area Plan – Mudgee Radio’.

2 Title page

Omit:

**LICENCE AREA PLAN**

**Mudgee (Radio)**

substitute:

**Licence Area Plan – Mudgee Radio**

3 Headings before clauses

Repeal the headings, substitute:

 **LICENCE AREA PLAN – MUDGEE RADIO**

4 Clause (1)

Repeal the clause, substitute:

 (1) This plan for broadcasting services in the Mudgee area of New South Wales is made under subsection 26(1) of the *Broadcasting Services Act 1992*.

5 Clause (2)

Repeal the clause, substitute:

 (2) Four national radio broadcasting services, one commercial radio broadcasting service and one open narrowcasting radio service are to be available in the area described at Attachment 1.1 to this plan 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 to 1.9 to this plan.

6 Clause (3)

Repeal the clause.

7 Clause (4)

Omit ‘Determination’, substitute ‘plan’ (each occurrence).

8 Clause (5)

Omit ‘Determination’, substitute ‘plan’ (each occurrence).

9 Clause (6)

Repeal the clause, substitute:

 (6) In this plan, unless the contrary intention appears:

 (a) a reference to a schedule or an attachment is a reference to a schedule or an attachment to this plan;

 (b) a reference to a legislative instrument is a reference to that instrument as in force from time to time;

 (c) a reference to any other kind of instrument or writing is a reference to that other kind of instrument or writing as in force or in existence at the time the reference was included in this plan.

Note 1: For references to Commonwealth Acts, see section 10 of the *Acts Interpretation Act 1901*; and see also subsection 13(1) of the *Legislation Act 2003* for the application of the *Acts Interpretation Act 1901* to legislative instruments.

Note 2: All Commonwealth Acts and legislative instruments are registered on the Federal Register of Legislation.

10 After clause (6)

Omit ‘(Determined by the Australian Broadcasting Authority on 26 June 1997)’.

11 Schedule One

Repeal the schedule, substitute:

Schedule One

Licence Area Plan : Mudgee Radio

Licence Area : MUDGEE RA1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Service Category | Channel/ Frequency | Service Licence No | Transmitter Specification No | Attach No | Area Served |
| Commercial | 1449 kHz | SL10251 | TS10004233 | 1.2 | Mudgee |
|  | 97.1 MHz | SL10251 | TS12000907 | 1.3 | Mudgee |
|  | 101.5 MHz | SL10251 | TS12000831 | 1.4 | Kandos |
| National | 99.5 MHz | N/A | TS10002537 | 1.5 | Mudgee Town |
| National | 96.3 MHz | N/A | TS10002542 | 1.7 | Kandos |
| National | 100.3 MHz | N/A | TS10002544 | 1.8 | Kandos |
| National | 101.1 MHz | N/A | TS1130958 | 1.9 | Mudgee Town |
| Open Narrowcasting | 90.9 MHz | N/A | TS10004643 | 1.6 | Mudgee Town |

12 Schedule Two

Repeal the schedule.

13 Schedule Three

Repeal the schedule, substitute:

Schedule Three

Licence Area Plan : Mudgee Radio

Licence Area : KANDOS RA1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Service Category | Channel/ Frequency | Service Licence No | Transmitter Specification No | Attach No | Area Served |
| Community | 98.7 MHz | SL10255 | TS10002541 | 3.2 | Kandos |

14 Schedule Four (heading)

Omit ‘– August 2008’.

15 Attachments

Reorder the attachments in ascending numerical order.

16 Attachment 1.1

Omit ‘numbers’, substitute ‘number’.

17 Attachment 1.2

 (1) For the General Area Served, after ‘Mudgee’ insert ‘(NSW)’.

 (2) Omit ‘2 Kilometers Northwest of Town’, substitute ‘21 Putta Bucca Rd MUDGEE’.

 (3) Omit:

Australian Map Grid : Zone Easting Northing

Reference 55 741211 6392007

 substitute:

Nominal Co-ordinates Latitude Longitude

(GDA94) : -32.582103 149.570818

 (4) Omit ‘Technical Planning Guidelines’, substitute ‘*Broadcasting Services (Technical Planning) Guidelines 2017*’.

 (5) After ‘Frequency Band & Mode’, insert ‘:’.

 (6) Omit the output radiation pattern table, substitute:

Output Radiation Pattern :-

| Bearing or Sector (Clockwise direction) | Elevation | Maximum CMF |
| --- | --- | --- |
| 0°T | 0 | 1.145 kV |
| 10°T | 0 | 1.145 kV |
| 20°T | 0 | 1.145 kV |
| 30°T | 0 | 1.145 kV |
| 40°T | 0 | 1.145 kV |
| 50°T | 0 | 1.145 kV |
| 60°T | 0 | 1.145 kV |
| 70° T | 0 | 1.145 kV |
| 80°T | 0 | 1.145 kV |
| 90°T | 0 | 1.145 kV |
| 98°T | 45 | 330 V |
| 100°T | 0 | 1.145 kV |
| 110°T | 0 | 1.145 kV |
| 118°T | 6 | 660 V |
| 120°T | 0 | 1.145 kV |
| 130°T | 0 | 1.145 kV |
| 140°T | 0 | 1.145 kV |
| 150°T | 0 | 1.145 kV |
| 160°T | 0 | 1.145 kV |
| 170°T | 0 | 1.145 kV |
| 180°T | 0 | 1.145 kV |
| 188°T | 33 | 320 V |
| 190°T | 0 | 1.145 kV |
| 200°T | 0 | 1.145 kV |
| 210°T | 0 | 1.145 kV |
| 220°T | 0 | 1.145 kV |
| 230°T | 0 | 1.145 kV |
| 240°T | 0 | 1.145 kV |
| 250°T | 0 | 1.145 kV |
| 260°T | 0 | 1.145 kV |
| 270°T | 0 | 1.145 kV |
| 280°T | 0 | 1.145 kV |
| 290°T | 0 | 1.145 kV |
| 300°T | 0 | 1.145 kV |
| 310°T | 0 | 1.145 kV |
| 320°T | 0 | 1.145 kV |
| 330°T | 0 | 1.145 kV |
| 340°T | 0 | 1.145 kV |
| 350°T | 0 | 1.145 kV |

 (7) Omit the notes after the output radiation pattern table, substitute:

Special Condition :-

The CMF at all elevations must not exceed the specified CMF at 0 degrees elevation for all angles of azimuth.

Availability of TS10004233:-

TS10004233 ceases to be available for SL10251 28 days after the first day on which the service provided under SL10251 is transmitted by transmitter TS12000907 in accordance with the specifications set out at Attachment 1.3.

18 After Attachment 1.2

Insert Attachments 1.3 and 1.4 at Schedule 2 to this instrument.

19 Attachment 1.5

 (1) For the General Area Served, omit ‘(town)’, substitute ‘Town’.

 (2) Omit ‘Endicott Hill Mudgee’, substitute ‘Translator Site Endicott Hill Mount Misery Rd MUDGEE’.

 (3) Omit:

Australian Map Grid : Zone Easting Northing

Reference 55 740587 6388844

 substitute:

Nominal Co-ordinates Latitude Longitude

(GDA94) : -32.610018 149.565358

 (4) Omit ‘Technical Planning Guidelines’, substitute ‘*Broadcasting Services (Technical Planning) Guidelines 2017*’.

 (5) After each of ‘Frequency Band & Mode’, ‘Polarisation’ and ‘Maximum antenna height’, insert ‘:’.

 (6) Omit ‘10 m’, substitute ‘12 m’.

20 Attachment 1.6

 (1) For the General Area Served, omit ‘(town)’, substitute ‘Town’.

 (2) Omit ‘Endicott Hill Mudgee’, substitute ‘Nominal Planning Site Endicott Hill Mount Misery Rd MUDGEE’.

 (3) Omit:

Australian Map Grid : Zone Easting Northing

Reference 55 740587 6388844

 substitute:

Nominal Co-ordinates Latitude Longitude

(GDA94) : -32.610133 149.565064

 (4) Omit ‘Technical Planning Guidelines’, substitute ‘*Broadcasting Services (Technical Planning) Guidelines 2017*’.

 (5) After each of ‘Frequency Band & Mode’, ‘Polarisation’ and ‘Maximum antenna height’, insert ‘:’.

 (6) Omit the special condition, substitute:

Advisory Note :-

The coverage area of this transmission is defined as a circle radius of 20 km measured from a point with the following GDA94 co-ordinates: -32.610133, 149.565064. This point is the same as the transmitter site nominal location.

21 Attachment 1.7

 (1) Omit ‘Mt Cumber Melon’, substitute ‘Broadcast Australia Site Baldy Peak KANDOS’.

 (2) Omit:

Australian Map Grid : Zone Easting Northing

Reference 55 780008 6359097

 substitute:

Nominal Co-ordinates Latitude Longitude

(GDA94) : -32.871868 149.989601

 (3) Omit ‘Technical Planning Guidelines’, substitute ‘*Broadcasting Services (Technical Planning) Guidelines 2017*’.

 (4) After each of ‘Frequency Band & Mode’, ‘Polarisation’ and ‘Maximum antenna height’, insert ‘:’.

 (5) Omit ‘30 m’, substitute ‘23 m’.

22 Attachment 1.8

 (1) Omit ‘Mt Cumber Melon’, substitute ‘Broadcast Australia Site Baldy Peak KANDOS’.

 (2) Omit:

Australian Map Grid : Zone Easting Northing

Reference 55 780008 6359097

 substitute:

Nominal Co-ordinates Latitude Longitude

(GDA94) : -32.871868 149.989601

 (3) Omit ‘Technical Planning Guidelines’, substitute ‘*Broadcasting Services (Technical Planning) Guidelines 2017*’.

 (4) After each of ‘Frequency Band & Mode’, ‘Polarisation’ and ‘Maximum antenna height’, insert ‘:’.

 (5) Omit ‘30 m’, substitute ‘23 m’.

23 After Attachment 1.8

Insert Attachment 1.9 at Schedule 3 to this instrument.

24 Attachments 2.1 and 2.2

Repeal the attachments.

25 Attachment 3.1

Omit ‘numbers’, substitute ‘number’.

26 Attachment 3.2

 (1) Omit ‘Mt Cumber Melon’, substitute ‘Shire Council Tower Baldy Peak KANDOS’.

 (2) Omit:

Australian Map Grid : Zone Easting Northing

Reference 55 780008 6359097

 substitute:

Nominal Co-ordinates Latitude Longitude

(GDA94) : -32.871847 149.990393

 (3) Omit ‘Technical Planning Guidelines’, substitute ‘*Broadcasting Services (Technical Planning) Guidelines 2017*’.

 (4) After each of ‘Frequency Band & Mode’, ‘Polarisation’ and ‘Maximum antenna height’, insert ‘:’.

27 Attachment 4.1

Omit ‘numbers’, substitute ‘number’.

28 Attachment 4.2

 (1) Before ‘Magpie Hill’, insert ‘Broadcast/Country Energy Site’.

 (2) Omit:

Australian Map Grid : Zone Easting Northing

Reference 55 740740 6407338

 substitute:

Nominal Co-ordinates Latitude Longitude

(GDA94) : -32.443431 149.561955

 (3) Omit ‘Technical Planning Guidelines’, substitute ‘*Broadcasting Services (Technical Planning) Guidelines 2017*’.

 (4) After each of ‘Frequency Band & Mode’, ‘Polarisation’ and ‘Maximum antenna height’, insert ‘:’.

 (5) Omit ‘30 m’, substitute ‘50 m’.

29 Attachment 4.3

 (1) Omit:

Australian Map Grid : Zone Easting Northing

Reference 55 757443 6366615

 substitute:

Nominal Co-ordinates Latitude Longitude

(GDA94) : -32.806630 149.750663

 (2) Omit ‘Technical Planning Guidelines’, substitute ‘*Broadcasting Services (Technical Planning) Guidelines 2017*’.

 (3) After each of ‘Frequency Band & Mode’, ‘Polarisation’ and ‘Maximum antenna height’, insert ‘:’.

 (4) Omit ‘30 m’, substitute ‘15 m’.

Schedule 2—Attachments 1.3 and 1.4

(Schedule 1, item 18)

Attachment 1.3

LICENCE AREA PLAN : Mudgee Radio

Category : Commercial

General Area Served : Mudgee (NSW)

Service Licence Number : SL10251

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000907

Transmitter Site :-

Nominal location : Broadcast/Country Energy Site Magpie Hill Gulgong MUDGEE

Nominal Co-ordinates Latitude Longitude
(GDA94) : -32.443431 149.561955

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 : 50 m

Output Radiation Pattern :-

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

Attachment 1.4

LICENCE AREA PLAN : Mudgee Radio

Category : Commercial

General Area Served : Kandos (NSW)

Service Licence Number : SL10251

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000831

Transmitter Site :-

Nominal location : Communal Site Mt Bocoble BOCOBLE

Nominal Co-ordinates Latitude Longitude
(GDA94) : -32.806630 149.750663

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 101.5 MHz

Polarisation : Mixed

Maximum antenna height : 15 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| 0°T - 215°T | 250 W |
| 215°T - 245°T | 100 W |
| 245°T - 305°T | 60 W |
| 305°T - 335°T | 100 W |
| 335°T - 360°T | 250 W |

Schedule 3—Attachment 1.9

(Schedule 1, item 23)

Attachment 1.9

LICENCE AREA PLAN : Mudgee Radio

Category : National

General Area Served : Mudgee Town (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1130958

Transmitter Site :-

Nominal location : Translator Site Endicott Hill Mount Misery Rd MUDGEE

Nominal Co-ordinates Latitude Longitude
(GDA94) : -32.610018 149.565358

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 101.1 MHz

Polarisation : Mixed

Maximum antenna height : 12 m

Output Radiation Pattern :-

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