

Variation to Licence Area Plan – Goulburn Radio – No.1 of 2014

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

Date 23 January 2015

Chris Chapman
[signed]
Member

Richard Bean
[signed]
Member/General Manager

1. Name of Instrument

This instrument is the *Variation to Licence Area Plan – Goulburn Radio – No. 1 of 2014*.

2. Commencement

This instrument commences on 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.comlaw.gov.au>.

3. Variation

The *Licence Area Plan - Goulburn (Radio) – June 1999* determined by the Australian Broadcasting Authority on 17 June 1999, is varied as follows:

- (a) rename the instrument as the “Licence Area Plan – Goulburn Radio”;
- (b) amend the heading on the title page so that it reads “Licence Area Plan – Goulburn Radio”;
- (c) on the first page of the instrument:

- (i) amend the heading so that it reads “Licence Area Plan – Goulburn Radio”;
- (ii) number the five paragraphs as clauses (1), (2), (3), (4) and (5), consecutively; and
- (iii) omit clauses (1) – (5) and substitute the following clauses:
 - “(1) This plan for broadcasting services in the Goulburn area of New South Wales is made under subsection 26(1) of the *Broadcasting Services Act 1992*.
 - (2) Seven national radio broadcasting services, two commercial radio broadcasting services and two open narrowcasting radio services 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 – 1.16 to this plan.
 - (3) One community radio service is to be available in the area described at Attachment 2.1 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 2.1 are set out in Schedule Two and Attachment 2.2 to this plan.
 - (4) One community radio service is to be available in the area described at Attachment 3.1 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 3.1 are set out in Schedule Three and Attachment 3.2 to this plan.
 - (5) A reference in this plan to a schedule or an attachment includes reference to that schedule or attachment as amended from time to time.”;

(d) immediately before Schedule One:

- (i) omit the heading “SCHEDULES”;
- (ii) omit the words “Each of the Schedules sets out:” and all eight paragraphs marked with dot points that follow;
- (iii) omit the sub-heading “Status column” and the five paragraphs immediately following the sub-heading; and

- (iv) omit the sub-heading “Frequency Column” and the dot point and paragraph that follow that sub-heading;
- (e) omit all Schedules and substitute all the Schedules of this instrument;
and
- (f) omit all Attachments and substitute all the Attachments of this instrument.

Schedule One

Licence Area Plan : Goulburn Radio

Licence Area : GOULBURN RA1

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
National	106.9 MHz	N/A	TS10003421	1.2	Crookwell
National	107.7 MHz	N/A	TS10003417	1.3	Crookwell
National	1098 kHz	N/A	TS1550001	1.4	Goulburn
National	88.7 MHz	N/A	TS3999002	1.5	Goulburn (town)
National	89.5 MHz	N/A	TS10007720	1.6	Goulburn (town)
National	90.3 MHz	N/A	TS7632001	1.7	Goulburn (town)
National	99.9 MHz	N/A	TS10008597	1.16	Goulburn (town)
Commercial	1368 kHz	SL4112	TS4112001	1.8	Goulburn
	96.1 MHz	SL4112	TS10008313	1.9	Braidwood
	106.1 MHz	SL4112	TS10009495	1.10	Crookwell
Commercial	93.5 MHz	SL10313	TS10004710	1.11	Goulburn
	95.3 MHz	SL10313	TS10008312	1.12	Braidwood
	103.7 MHz	SL10313	TS10009496	1.13	Crookwell
Open Narrowcasting	100.7 MHz	N/A	TS10008339	1.14	Goulburn (town)
Open Narrowcasting	94.3 MHz	N/A	TS10008394	1.15	Goulburn

Schedule Two

Licence Area Plan : Goulburn Radio

Licence Area : GOULBURN RA2

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
Community	103.3 MHz	SL3113	TS1137615	2.2	Goulburn

Schedule Three

Licence Area Plan : Goulburn Radio

Licence Area : BRAIDWOOD RA1

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
Community	94.5 MHz	SL1150816	TS10013016	3.2	Braidwood

Licence Area - GOULBURN RA1

Licence Area ID - 369

Commercial Radio Service Licence numbers: SL4112, SL10313

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

Area Description
Goulburn Mulwaree (A) (LGA)
Upper Lachlan (A) (LGA)
NSW CD 152108
NSW CD 152110
NSW CD 170505
NSW CD 170506
NSW CD 170508
NSW CD 170701
NSW CD 170702
NSW CD 170703
NSW CD 170704
NSW CD 170705
NSW CD 170707
NSW CD 200106

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 : Goulburn Radio

Category : National
 General Area Served : Crookwell (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003421

Transmitter Site :-

Nominal location : Broadcast Site Wades Hill CROOKWELL
 Australian Map Grid : Zone Easting Northing
 Reference 55 724172 6184481
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 106.9 MHz
 Polarisation : Mixed
 Maximum antenna height : 18 m

Output Radiation Pattern :-

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

Special Conditions :-

Minimum Level of Service Requirements, as detailed in the Technical Planning Guidelines clauses 38 and 39, do not apply to this specification.

LICENCE AREA PLAN : Goulburn Radio

Category : National
 General Area Served : Crookwell (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003417

Transmitter Site :-

Nominal location : Broadcast Site Wades Hill CROOKWELL
 Australian Map Grid : Zone Easting Northing
 Reference 55 724172 6184481
 Site Tolerance : Refer to *Broadcasting Services*
 (Technical Planning) Guidelines 2007

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 107.7 MHz
 Polarisation : Mixed
 Maximum antenna height : 18 m

Output Radiation Pattern :-

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

Special Conditions :-

Minimum Level of Service Requirements, as detailed in the Technical Planning Guidelines clauses 38 and 39, do not apply to this specification.

LICENCE AREA PLAN : Goulburn Radio

Category : National
 General Area Served : Goulburn (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS1550001

Transmitter Site :-

Nominal location : River Steet GOULBURN
 Australian Map Grid : Zone Easting Northing
 Reference 55 746761 6151659
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : MF-AM
 Carrier Frequency : 1098 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	140 V

LICENCE AREA PLAN : Goulburn Radio

Category : National
 General Area Served : Goulburn (town) (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS3999002

Transmitter Site :-

Nominal location : Telstra Site MT GRAY
 Australian Map Grid : Zone Easting Northing
 Reference 55 752849 6150221
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 88.7 MHz
 Polarisation : Mixed
 Maximum antenna height : 25 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Goulburn Radio

Category : National
 General Area Served : Goulburn (town) (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10007720

Transmitter Site :-

Nominal location : Telstra Site MT GRAY
 Australian Map Grid : Zone Easting Northing
 Reference 55 752849 6150221
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 89.5 MHz
 Polarisation : Mixed
 Maximum antenna height : 25 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Goulburn Radio

Category : National
 General Area Served : Goulburn (town) (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS7632001

Transmitter Site :-

Nominal location : Telstra Site MT GRAY
 Australian Map Grid : Zone Easting Northing
 Reference 55 752849 6150221
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 90.3 MHz
 Polarisation : Mixed
 Maximum antenna height : 25 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Goulburn Radio

Category : Commercial
 General Area Served : Goulburn (NSW)
 Service Licence Number : SL4112

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS4112001

Transmitter Site :-

Nominal location : River Street GOULBURN
 Australian Map Grid : Zone Easting Northing
 Reference 55 746761 6151659
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : MF-AM
 Carrier Frequency : 1368 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	440 V

Special Conditions :-

1. The facility will operate with a CMF not to exceed 690 V for all angles of azimuth, from one hour after local sunrise, to one hour before local sunset as defined at the transmitter site on the 15th day of each month (day-night switching).
2. The licensee should operate the transmission facility according to the ACMA's policy on implementation of day/night switching operation.

LICENCE AREA PLAN : Goulburn Radio

Category : Commercial
 General Area Served : Braidwood (NSW)
 Service Licence Number : SL4112

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10008313

Transmitter Site :-

Nominal location : Broadcast Site MT GILLAMATONG
 Australian Map Grid : Zone Easting Northing
 Reference 55 751468 6072745
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 96.1 MHz
 Polarisation : Mixed
 Maximum antenna height : 30 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Goulburn Radio

Category : Commercial
 General Area Served : Crookwell (NSW)
 Service Licence Number : SL4112

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10009495

Transmitter Site :-

Nominal location : Broadcast Site Wades Hill CROOKWELL
 Australian Map Grid : Zone Easting Northing
 Reference 55 724172 6184481
 Site Tolerance : Refer to *Broadcasting Services*
 (Technical Planning) Guidelines 2007

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 106.1 MHz
 Polarisation : Mixed
 Maximum antenna height : 18 m

Output Radiation Pattern :-

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

Special Conditions :-

Any transmission in accordance with this technical specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBuV/m against interference from other broadcasting services.

Minimum Level of Service Requirements, as detailed in the Technical Planning Guidelines clauses 38 and 39, do not apply to this specification.

LICENCE AREA PLAN : Goulburn Radio

Category : Commercial
 General Area Served : Goulburn (NSW)
 Service Licence Number : SL10313

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004710

Transmitter Site :-

Nominal location : Radio Goulburn Broadcast Tower MT GRAY

Australian Map Grid :	Zone	Easting	Northing
Reference	55	752799	6150081

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 93.5 MHz
 Polarisation : Mixed
 Maximum antenna height : 25 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	40 kW

LICENCE AREA PLAN : Goulburn Radio

Category : Commercial
 General Area Served : Braidwood (NSW)
 Service Licence Number : SL10313

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10008312

Transmitter Site :-

Nominal location : Broadcast Site MT GILLAMATONG
 Australian Map Grid : Zone Easting Northing
 Reference 55 751468 6072745
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 95.3 MHz
 Polarisation : Mixed
 Maximum antenna height : 30 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Goulburn Radio

Category : Commercial
 General Area Served : Crookwell (NSW)
 Service Licence Number : SL10313

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10009496

Transmitter Site :-

Nominal location : Broadcast Site Wades Hill CROOKWELL
 Australian Map Grid : Zone Easting Northing
 Reference 55 724172 6184481
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 103.7 MHz
 Polarisation : Mixed
 Maximum antenna height : 18 m

Output Radiation Pattern :-

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

Special Conditions :-

Any transmission in accordance with this technical specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBuV/m against interference from other broadcasting services.

Minimum Level of Service Requirements, as detailed in the Technical Planning Guidelines clauses 38 and 39, do not apply to this specification.

LICENCE AREA PLAN : Goulburn Radio

Category : Open Narrowcasting
 General Area Served : Goulburn (town) (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10008339

Transmitter Site :-

Nominal location : Telstra Site MT GRAY
 Australian Map Grid : Zone Easting Northing
 Reference 55 752849 6150221
 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 : 10 m

Output Radiation Pattern :-

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

Special Conditions :-

The 'coverage radius' of this transmission is 10 kilometres measured from a point with the following AMG co-ordinates: Zone: 55; Easting: 752849; Northing: 6150221.
 This point is the same as the nominal transmitter site.

LICENCE AREA PLAN : Goulburn Radio

Category : Open Narrowcasting
 General Area Served : Goulburn (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10008394

Transmitter Site :-

Nominal location : Telstra Site MT GRAY
 Australian Map Grid : Zone Easting Northing
 Reference 55 752849 6150221
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 94.3 MHz
 Polarisation : Mixed
 Maximum antenna height : 25 m

Output Radiation Pattern :-

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

Special Conditions :-

1. The 'coverage radius' of this transmission is 12 kilometres measured from a point with the following AMG co-ordinates: Zone: 55; Easting: 752849; Northing: 6150221. This point is the same as the nominal transmitter site.
2. Any transmission in accordance with this specification is planned on the basis that it will be protected to a minimum field strength of 66 dBuV/m against interference from other broadcasting services.

LICENCE AREA PLAN : Goulburn Radio

Category : National
 General Area Served : Goulburn (town) (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10008597

Transmitter Site :-

Nominal location : Telstra Site MT GRAY
 Australian Map Grid : Zone Easting Northing
 Reference 55 752849 6150221
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 99.9 MHz
 Polarisation : Mixed
 Maximum antenna height : 25 m

Output Radiation Pattern :-

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

Special Conditions :-

The service is interference limited, only field strength levels of 66dBuV/m and above will be protected from interference.

Licence Area - GOULBURN RA2

Licence Area ID - 1407

Community Radio Service Licence number: SL3113

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

Area Description
Goulburn Mulwaree (A) - Goulburn (SLA)
NSW CD 200101
NSW CD 200103
NSW CD 200104
NSW CD 200105
NSW CD 200107
NSW CD 200108
NSW CD 200112
NSW CD 200201
NSW CD 200206
NSW CD 200207

Note:

Standard terminology used by the Australian Bureau of Statistics:

- (SLA) = Statistical Local Area
- (A) = NSW Local Government Area (excluding Cities)
- (CD) = Collection District

LICENCE AREA PLAN : Goulburn Radio

Category : Community
 General Area Served : Goulburn (NSW)
 Service Licence Number : SL3113

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1137615

Transmitter Site :-

Nominal location : Telstra Site MT GRAY
 Australian Map Grid : Zone Easting Northing
 Reference 55 752849 6150221
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 103.3 MHz
 Polarisation : Mixed
 Maximum antenna height : 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	2 kW

Licence Area - BRAIDWOOD RA1

Licence Area ID - 1240

Community Radio Service Licence number: SL1150816

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 170702

NSW CD 170704

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

LICENCE AREA PLAN : Goulburn Radio

Category : Community
 General Area Served : Braidwood (NSW)
 Service Licence Number : SL1150816

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013016

Transmitter Site :-

Nominal location : Broadcast Site MT GILLAMATONG
 Australian Map Grid : Zone Easting Northing
 Reference 55 751468 6072745
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 94.5 MHz
 Polarisation : Mixed
 Maximum antenna height : 30 m

Output Radiation Pattern :-

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

Special Conditions :-

The service is interference limited, only field strength levels of 66dBuV/m and above will be protected from interference.