

Variation to Licence Area Plan – Mount Isa Radio – No.1 of 2013

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 Licence Area Plan – Mount Isa Radio – No.1 of 2013*.

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.comlaw.gov.au>

4. Variation

The *Licence Area Plan – Mount Isa (Radio) – September 1996* determined by the Australian Broadcasting Authority on 16 September 1996 is varied as follows:

- (a) rename the instrument as “Licence Area Plan – Mount Isa Radio”;
- (b) amend the heading on the title page so that it reads “Licence Area Plan – Mount Isa Radio”;
- (c) on page one:
 - (i) amend the heading so that it reads “Licence Area Plan – Mount Isa Radio”; and
 - (ii) omit the sub-heading “DETERMINATION”;
 - (iii) omit the three paragraphs of text and substitute the following clauses:
 - “(1) This plan for radio broadcasting services in the Mount Isa area of Queensland is made under subsection 26(1) of the *Broadcasting Services Act 1992*.
 - (2) Six national services, two commercial services and two open narrowcasting radio broadcasting services are to be available in the Mount Isa 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 - 1.13 to this plan.

- (3) Two community services are to be available in the Mount Isa area described at Attachment 2.1 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 2.1 are set out in Schedule Two and Attachments 2.2 and 2.3 to this plan.
- (4) 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) on page two:

- (i) omit the heading “SCHEDULE”; and
- (ii) omit the words “The Schedule sets out:” and all six paragraphs marked with dots points that follow;

(e) omit all Schedules and substitute all Schedules of this instrument;

(f) omit all Attachments and substitute all Attachments of this instrument.

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

[signed]

Signature of Member

Chris Chapman

Name (Please Print)

[signed]

Signature of Member/~~General~~
~~Manager~~

Richard Lancelot Bean

Name (Please Print)

Dated this 18th day of February 2013.

Schedule One

Licence Area Plan : Mount Isa Radio

Licence Area : MOUNT ISA RA1

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
National	101.7 MHz	N/A	TS10003946	1.2	Mount Isa
National	104.1 MHz	N/A	TS10003945	1.3	Mount Isa
National	106.5 MHz	N/A	TS10003943	1.4	Mount Isa
National	107.3 MHz	N/A	TS10003941	1.5	Mount Isa
National	104.9 MHz	N/A	TS10003723	1.13	Mount Isa
National	107.7 MHz	N/A	TS10003916	1.6	Cloncurry
Commercial	666 kHz	SL10224	TS10003721	1.7	Mount Isa
	693 kHz	SL10224	TS10003732	1.8	Cloncurry
Commercial	102.5 MHz	SL10226	TS10003831	1.9	Mount Isa
	104.5 MHz	SL10226	TS10004176	1.10	Cloncurry
Open Narrowcasting	103.7 MHz	N/A	TS10004027	1.11	Cloncurry
Open Narrowcasting	103.3 MHz	N/A	TS10004031	1.12	Mount Isa

Schedule Two

Licence Area Plan : Mount Isa Radio

Licence Area : MOUNT ISA RA2

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
Community	105.7 MHz	SL10158	TS10003944	2.2	Mount Isa
Community	100.9 MHz	SL10305	TS10004644	2.3	Mount Isa

Licence Area - MOUNT ISA RA1**Licence Area ID - 453****Commercial Radio Service Licence numbers: SL10224, SL10226**

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

Area Description	Area Description
QLD CD 020603	QLD CD 020815
QLD CD 020605	QLD CD 020816
QLD CD 020701	QLD CD 020817
QLD CD 020702	QLD CD 020818
QLD CD 020703	QLD CD 020819
QLD CD 020705	QLD CD 020820
QLD CD 020706	QLD CD 020901
QLD CD 020707	QLD CD 020902
QLD CD 020708	QLD CD 020903
QLD CD 020709	QLD CD 020904
QLD CD 020710	QLD CD 020905
QLD CD 020711	QLD CD 020906
QLD CD 020712	QLD CD 020907
QLD CD 020713	QLD CD 020908
QLD CD 020714	QLD CD 020909
QLD CD 020715	QLD CD 020910
QLD CD 020801	QLD CD 020911
QLD CD 020802	QLD CD 020912
QLD CD 020803	QLD CD 020913
QLD CD 020804	QLD CD 020914
QLD CD 020805	QLD CD 020915
QLD CD 020806	QLD CD 020916
QLD CD 020807	QLD CD 021003
QLD CD 020808	QLD CD 021005
QLD CD 020809	QLD CD 021006
QLD CD 020810	QLD CD 021007
QLD CD 020811	QLD CD 021008
QLD CD 020812	QLD CD 021009
QLD CD 020813	QLD CD 021301
QLD CD 020814	

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

LICENCE AREA PLAN : Mount Isa Radio

Category : National

General Area Served : Mount Isa (QLD)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003946

Transmitter Site :-

Nominal location : Broadcast Tower Broadcast Australia Site
DCA Hill 2.5 km SE of MOUNT ISA

Australian Map Grid :	Zone	Easting	Northing
Reference	54	344993	7706363

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

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 101.7 MHz

Polarisation Mixed

Maximum antenna height 31 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Mount Isa Radio

Category : National

General Area Served : Mount Isa (QLD)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003945

Transmitter Site :-

Nominal location : Broadcast Tower Broadcast Australia Site
DCA Hill 2.5 km SE of MOUNT ISA

Australian Map Grid :	Zone	Easting	Northing
Reference	54	344993	7706363

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

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 104.1 MHz

Polarisation Mixed

Maximum antenna height 31 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Mount Isa Radio

Category : National

General Area Served : Mount Isa (QLD)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003943

Transmitter Site :-

Nominal location : Broadcast Tower Broadcast Australia Site
DCA Hill 2.5 km SE of MOUNT ISA

Australian Map Grid :	Zone	Easting	Northing
Reference	54	344993	7706363

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 31 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Mount Isa Radio

Category : National

General Area Served : Mount Isa (QLD)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003941

Transmitter Site :-

Nominal location : Broadcast Tower Broadcast Australia Site
DCA Hill 2.5 km SE of MOUNT ISA

Australian Map Grid :	Zone	Easting	Northing
Reference	54	344993	7706363

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

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 107.3 MHz

Polarisation Mixed

Maximum antenna height 31 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Mount Isa Radio

Category : National

General Area Served : Cloncurry (QLD)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003916

Transmitter Site :-

Nominal location : Telstra Radio Terminal Mount Avarice
3.5 km SE of CLONCURRY

Australian Map Grid :	Zone	Easting	Northing
Reference	54	451900	7708302

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 60 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Mount Isa Radio

Category : Commercial

General Area Served : Mount Isa (QLD)

Service Licence Number : SL10224

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10003721

Transmitter Site :-

Nominal location : Radio 4LM AM Mast Macquarie Reg Radio
Site Abel Smith Drv PIONEER

Australian Map Grid : Zone Easting Northing
Reference 54 344813 7708382

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

Emission :-

Frequency Band & Mode MF-AM

Carrier Frequency : 666 kHz

Night-time Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	430 V

Special Conditions :-

The cmf at all elevations is not to exceed the specified cmf at 0 degrees elevation for all angles of azimuth.

The licensee shall operate the transmission facility in accordance with the ACMA's policy on implementation of day/night switching operation.

The specified radiation pattern is for night-time operation. The licensee must comply with the specification from one hour before local sunset to one hour after local sunrise, as defined at the transmitter site on the 15th day of each month.

Daytime Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	680 V

Special Conditions :-

The cmf at all elevations is not to exceed the specified cmf at 0 degrees elevation for all angles of azimuth.

The licensee shall operate the transmission facility in accordance with the ACMA's policy on implementation of day/night switching operation.

The specified radiation pattern is for daytime operation. The licensee must comply with the specification 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.

LICENCE AREA PLAN : Mount Isa Radio

Category : Commercial

General Area Served : Cloncurry (QLD)

Service Licence Number : SL10224

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10003732

Transmitter Site :-

Nominal location : Radio 4LM AM Mast Macquarie Reg Radio
Site Transmission St CLONCURRY

Australian Map Grid : Zone Easting Northing
Reference 54 447796 7711095

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

Emission :-

Frequency Band & Mode MF-AM

Carrier Frequency : 693 kHz

Night-time Output Radiation Pattern :-

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

Special Conditions :-

The cmf at all elevations is not to exceed the specified cmf at 0 degrees elevation for all angles of azimuth.

The licensee shall operate the transmission facility in accordance with the ACMA's policy on implementation of day/night switching operation.

The specified radiation pattern is for night-time operation. The licensee must comply with the specification from one hour before local sunset to one hour after local sunrise, as defined at the transmitter site on the 15th day of each month.

Daytime Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	310 V

Special Conditions :-

The cmf at all elevations is not to exceed the specified cmf at 0 degrees elevation for all angles of azimuth.

The licensee shall operate the transmission facility in accordance with the ACMA's policy on implementation of day/night switching operation.

The specified radiation pattern is for daytime operation. The licensee must comply with the specification 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.

LICENCE AREA PLAN : Mount Isa Radio

Category : Commercial

General Area Served : Mount Isa (QLD)

Service Licence Number : SL10226

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003831

Transmitter Site :-

Nominal location : Radio 4MIC Tower Nth Qld Bcing Site
City Lookout off Hilary St MOUNT ISA

Australian Map Grid :	Zone	Easting	Northing
Reference	54	343465	7707552

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

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 102.5 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 : Mount Isa Radio

Category : Commercial

General Area Served : Cloncurry (QLD)

Service Licence Number : SL10226

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004176

Transmitter Site :-

Nominal location : Telstra Radio Terminal Mount Avarice
3.5 km SE of CLONCURRY

Australian Map Grid :	Zone	Easting	Northing
Reference	54	451900	7708302

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

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 104.5 MHz

Polarisation Mixed

Maximum antenna height 60 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Mount Isa Radio

Category :	Open Narrowcasting
General Area Served :	Cloncurry (QLD)
Service Licence Number :	Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number :	TS10004027
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Transmitter Site :-

Nominal location :	Telstra Radio Terminal Mount Avarice 3.5 km SE of CLONCURRY
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Australian Map Grid :	Zone	Easting	Northing
Reference	54	451900	7708302

Site Tolerance :	Refer to <i>Broadcasting Services (Technical Planning) Guidelines 2007</i>
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Emission :-

Frequency Band & Mode	VHF-FM
Carrier Frequency :	103.7 MHz
Polarisation	Mixed
Maximum antenna height	60 m

Output Radiation Pattern :-

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

Special Conditions :-

The coverage area of this transmission is a circle of radius 15 km centred on a point with the following Australian Map Grid co-ordinates: Zone 54, Easting 451900, Northing 7708302. This point is the same as the transmitter site nominal location.

LICENCE AREA PLAN : Mount Isa Radio

Category :	Open Narrowcasting
General Area Served :	Mount Isa (QLD)
Service Licence Number :	Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number :	TS10004031
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Transmitter Site :-

Nominal location :	Broadcast Tower Broadcast Australia Site DCA Hill 2.5 km SE of MOUNT ISA
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Australian Map Grid :	Zone	Easting	Northing
Reference	54	344993	7706363

Site Tolerance :	Refer to <i>Broadcasting Services (Technical Planning) Guidelines 2007</i>
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Emission :-

Frequency Band & Mode	VHF-FM
Carrier Frequency :	103.3 MHz
Polarisation	Mixed
Maximum antenna height	31 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	600 W

Special Conditions :-

The coverage area of this transmission is a circle of radius 20 km centred on a point with the following Australian Map Grid co-ordinates: Zone 54, Easting 344993, Northing 7706363. This point is the same as the transmitter site nominal location.

LICENCE AREA PLAN : Mount Isa Radio

Category : National

General Area Served : Mount Isa (QLD)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003723

Transmitter Site :-

Nominal location : Broadcast Tower Broadcast Australia Site
DCA Hill 2.5 km SE of MOUNT ISA

Australian Map Grid :	Zone	Easting	Northing
Reference	54	344993	7706363

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

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 104.9 MHz

Polarisation Mixed

Maximum antenna height 31 m

Output Radiation Pattern :-

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

Licence Area - MOUNT ISA RA2**Licence Area ID - 766****Community Radio Service Licence numbers: SL10158, SL10305**

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

Area Description	Area Description
QLD CD 020701	QLD CD 020813
QLD CD 020702	QLD CD 020814
QLD CD 020703	QLD CD 020815
QLD CD 020705	QLD CD 020816
QLD CD 020706	QLD CD 020817
QLD CD 020707	QLD CD 020818
QLD CD 020708	QLD CD 020819
QLD CD 020709	QLD CD 020820
QLD CD 020710	QLD CD 020901
QLD CD 020711	QLD CD 020902
QLD CD 020712	QLD CD 020903
QLD CD 020713	QLD CD 020904
QLD CD 020714	QLD CD 020905
QLD CD 020715	QLD CD 020906
QLD CD 020801	QLD CD 020907
QLD CD 020802	QLD CD 020908
QLD CD 020803	QLD CD 020909
QLD CD 020804	QLD CD 020910
QLD CD 020805	QLD CD 020911
QLD CD 020806	QLD CD 020912
QLD CD 020807	QLD CD 020913
QLD CD 020809	QLD CD 020914
QLD CD 020810	QLD CD 020915
QLD CD 020811	QLD CD 020916
QLD CD 020812	

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

LICENCE AREA PLAN : Mount Isa Radio

Category : Community

General Area Served : Mount Isa (QLD)

Service Licence Number : SL10158

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003944

Transmitter Site :-

Nominal location : Broadcast Tower Broadcast Australia Site
DCA Hill 2.5 km SE of MOUNT ISA

Australian Map Grid :	Zone	Easting	Northing
Reference	54	344993	7706363

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

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 105.7 MHz

Polarisation Mixed

Maximum antenna height 31 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	600 W

LICENCE AREA PLAN : Mount Isa Radio

Category : Community

General Area Served : Mount Isa (QLD)

Service Licence Number : SL10305

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004644

Transmitter Site :-

Nominal location : Broadcast Tower Broadcast Australia Site
DCA Hill 2.5 km SE of MOUNT ISA

Australian Map Grid :	Zone	Easting	Northing
Reference	54	344993	7706363

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

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 100.9 MHz

Polarisation Mixed

Maximum antenna height 31 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	600 W