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] [signed]

Signature of Member Signature of Member/General Manager

Chris Chapman Richard Lancelot Bean

Name (Please Print) Name (Please Print)

Dated this _______ 18th _______ day of _______ February _______ 2013.
## Schedule One

**Licence Area Plan : Mount Isa Radio**

**Licence Area : MOUNT ISA RA1**

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

## Schedule Two

**Licence Area Plan : Mount Isa Radio**

**Licence Area : MOUNT ISA RA2**

<table>
<thead>
<tr>
<th>Service Category</th>
<th>Channel/Frequency</th>
<th>Service Licence No</th>
<th>Transmitter Specification No</th>
<th>Attach No</th>
<th>Area Served</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community</td>
<td>105.7 MHz</td>
<td>SL10158</td>
<td>TS10003944</td>
<td>2.2</td>
<td>Mount Isa</td>
</tr>
<tr>
<td>Community</td>
<td>100.9 MHz</td>
<td>SL10305</td>
<td>TS10004644</td>
<td>2.3</td>
<td>Mount Isa</td>
</tr>
</tbody>
</table>
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:

<table>
<thead>
<tr>
<th>Area Description</th>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD CD 020603</td>
<td>QLD CD 020715</td>
</tr>
<tr>
<td>QLD CD 020605</td>
<td>QLD CD 020910</td>
</tr>
<tr>
<td>QLD CD 020701</td>
<td>QLD CD 020911</td>
</tr>
<tr>
<td>QLD CD 020702</td>
<td>QLD CD 020912</td>
</tr>
<tr>
<td>QLD CD 020703</td>
<td>QLD CD 020913</td>
</tr>
<tr>
<td>QLD CD 020705</td>
<td>QLD CD 020914</td>
</tr>
<tr>
<td>QLD CD 020706</td>
<td>QLD CD 020915</td>
</tr>
<tr>
<td>QLD CD 020707</td>
<td>QLD CD 020916</td>
</tr>
<tr>
<td>QLD CD 020708</td>
<td>QLD CD 020917</td>
</tr>
<tr>
<td>QLD CD 020709</td>
<td>QLD CD 020918</td>
</tr>
<tr>
<td>QLD CD 020710</td>
<td>QLD CD 021003</td>
</tr>
<tr>
<td>QLD CD 020711</td>
<td>QLD CD 021005</td>
</tr>
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<td>QLD CD 020712</td>
<td>QLD CD 021006</td>
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<tr>
<td>QLD CD 020713</td>
<td>QLD CD 021007</td>
</tr>
<tr>
<td>QLD CD 020714</td>
<td>QLD CD 021008</td>
</tr>
<tr>
<td>QLD CD 020715</td>
<td>QLD CD 021009</td>
</tr>
<tr>
<td>QLD CD 020801</td>
<td>QLD CD 021301</td>
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<tr>
<td>QLD CD 020802</td>
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<td>QLD CD 020803</td>
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<tr>
<td>QLD CD 020804</td>
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<tr>
<td>QLD CD 020805</td>
<td></td>
</tr>
<tr>
<td>QLD CD 020806</td>
<td></td>
</tr>
<tr>
<td>QLD CD 020807</td>
<td></td>
</tr>
<tr>
<td>QLD CD 020808</td>
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<tr>
<td>QLD CD 020809</td>
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</tr>
<tr>
<td>QLD CD 020810</td>
<td></td>
</tr>
<tr>
<td>QLD CD 020811</td>
<td></td>
</tr>
<tr>
<td>QLD CD 020812</td>
<td></td>
</tr>
<tr>
<td>QLD CD 020813</td>
<td></td>
</tr>
<tr>
<td>QLD CD 020814</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>
**Attachment 1.3**

**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 Reference:** Zone 54  Easting 344993  Northing 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 :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>
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: Broadcast Tower Broadcast Australia Site
Nominal location: DCA Hill 2.5 km SE of MOUNT ISA
Australian Map Grid: Zone 54 Easting 344993 Northing 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:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>
Attachment 1.5

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: -

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>
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: 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:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
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 54 Easting 344813 Northing 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:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>430 V</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>680 V</td>
</tr>
</tbody>
</table>
**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 Reference: Zone 54, Easting 447796, Northing 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**:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>220 V</td>
</tr>
</tbody>
</table>

**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**:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>310 V</td>
</tr>
</tbody>
</table>
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:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>

Federal Register of Legislative Instruments F2013L00259
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:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
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

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: 103.7 MHz
Polarisation: Mixed
Maximum antenna height: 60 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

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.
Attachment 1.12

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

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: 103.3 MHz

Polarisation: Mixed

Maximum antenna height: 31 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>600 W</td>
</tr>
</tbody>
</table>

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:
Reference

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:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>
Attachment 2.1

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:

<table>
<thead>
<tr>
<th>Area Description</th>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD CD 020701</td>
<td>QLD CD 020813</td>
</tr>
<tr>
<td>QLD CD 020702</td>
<td>QLD CD 020814</td>
</tr>
<tr>
<td>QLD CD 020703</td>
<td>QLD CD 020815</td>
</tr>
<tr>
<td>QLD CD 020705</td>
<td>QLD CD 020816</td>
</tr>
<tr>
<td>QLD CD 020706</td>
<td>QLD CD 020817</td>
</tr>
<tr>
<td>QLD CD 020707</td>
<td>QLD CD 020818</td>
</tr>
<tr>
<td>QLD CD 020708</td>
<td>QLD CD 020819</td>
</tr>
<tr>
<td>QLD CD 020709</td>
<td>QLD CD 020820</td>
</tr>
<tr>
<td>QLD CD 020710</td>
<td>QLD CD 020901</td>
</tr>
<tr>
<td>QLD CD 020711</td>
<td>QLD CD 020902</td>
</tr>
<tr>
<td>QLD CD 020712</td>
<td>QLD CD 020903</td>
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<tr>
<td>QLD CD 020713</td>
<td>QLD CD 020904</td>
</tr>
<tr>
<td>QLD CD 020714</td>
<td>QLD CD 020905</td>
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<tr>
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<td>QLD CD 020906</td>
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<td>QLD CD 020801</td>
<td>QLD CD 020907</td>
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<td>QLD CD 020802</td>
<td>QLD CD 020908</td>
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<td>QLD CD 020909</td>
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<td>QLD CD 020804</td>
<td>QLD CD 020910</td>
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<td>QLD CD 020805</td>
<td>QLD CD 020911</td>
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<td>QLD CD 020806</td>
<td>QLD CD 020912</td>
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<td>QLD CD 020809</td>
<td>QLD CD 020914</td>
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<td>QLD CD 020916</td>
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<tr>
<td>QLD CD 020812</td>
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</table>

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

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>600 W</td>
</tr>
</tbody>
</table>
**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:** 54  
  - **Easting:** 344993  
  - **Northing:** 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 :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
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