

Variation to Licence Area Plan – Port Hedland (Radio) – 2017 (No. 1)

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

Dated: 5 April 2017

Richard Bean

[signed]

Member

James Cameron

[signed]

Member/~~General Manager~~

Australian Communications and Media Authority

1 Name

 This instrument is the *Variation to Licence Area Plan – Port Hedland (Radio) – 2017 (No.1).*

2 Commencement

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

Note: The Federal Register of Legislation may be accessed 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 Variation

The *Licence Area Plan – Port Hedland Radio – June 1996* (F2005B01115), is varied as follows:

1. rename the instrument as “Licence Area Plan – Port Hedland Radio”;
2. amend the heading on the title page so that it reads “Licence Area Plan – Port Hedland Radio”;
3. on the first page of the instrument:
	1. amend the heading so that it reads “Licence Area Plan – Port Hedland Radio”; and
	2. number the three paragraphs as clauses (1), (2) and (3);
4. omit clauses (1), (2) and (3) and substitute the following clauses:

“(1) This plan for broadcasting services in the Port Hedland area of Western Australia is made under subsection 26(1) of the *Broadcasting Services Act 1992*.

(2) Six 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 – 1.14 to this plan.

(3) One community radio broadcasting service is to be made 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 services that are to be available in the area described at Attachment 2.1 are set out in Schedule Two and Attachment 2.2.

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

(a) a reference to a schedule or an attachment includes a reference to that schedule or attachment as amended from time to time;

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

(c) a reference to any other kind of instrument or writing is a reference to that other 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.”;

1. immediately before Schedule One:
	1. omit the heading “SCHEDULE”;
	2. omit the words “The Schedule sets out:” and all six paragraphs marked with dots points that follow;
2. omit all Schedules and substitute all Schedules of this instrument; and
3. omit all Attachments and substitute all Attachments of this instrument.

Schedule One

**Licence Area Plan: Port Hedland Radio**

***Licence Area: PORT HEDLAND RA1***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Service Category** | **Frequency** | **Service Licence No** | **Transmitter Specification No** | **Attach No** | **Area Served** |
| National | 603 kHz | N/A | TS10001804 | 1.2 | Port Hedland |
| National | 95.7 MHz | N/A | TS10000786 | 1.3 | Port Hedland |
| National | 94.9 MHz | N/A | TS1130943 | 1.4 | Port Hedland |
| National | 675 kHz | N/A | TS10001459 | 1.5 | Broome |
| National | 107.7 MHz | N/A | TS10001433 | 1.6 | Broome |
| National | 106.9 MHz | N/A | TS1132817 | 1.7 | Broome |
| Commercial | 1026 kHz | SL10342 | TS10001803 | 1.8 | Port Hedland |
| Commercial | 94.1 MHz | SL10342 | TS1138050 | 1.9 | Port Hedland |
| Commercial | 102.9 MHz | SL10342 | TS10001435 | 1.10 | Broome |
| Commercial | 91.7 MHz | SL10014 | TS10000782 | 1.11 | Port Hedland |
| Commercial | 101.3 MHz | SL10014 | TS10001436 | 1.12 | Broome |
| Open Narrowcasting | 92.5 MHz | N/A | TS10000781 | 1.13 | Port Hedland |
| Open Narrowcasting | 104.5 MHz | N/A | TS10005309 | 1.14 | Broome |

Schedule Two

**Licence Area Plan: Port Hedland Radio**

***Licence Area: PORT HEDLAND RA2***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Service Category** | **Frequency** | **Service Licence No** | **Transmitter Specification No** | **Attach No** | **Area Served** |
| Community | 101.3 MHz | SL10343 | TS10000783 | 2.2 | Port Hedland |

Attachment 1.1

**Licence Area – PORT HEDLAND RA1**

**Commercial Radio Service Licence numbers: SL10338 and SL10012**

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 5 August 2001, is:

| **Area Description** | **Area Description** |
| --- | --- |
| Port Hedland (T) | WA CD 5010634 |
| WA CD 5010605 | WA CD 5010658 |
| WA CD 5010606 | WA CD 5010661 |
| WA CD 5010607 | WA CD 5010662 |
| WA CD 5010608 | WA CD 5010663 |
| WA CD 5010609 | WA CD 5010684 |
| WA CD 5010610 | WA CD 5010701 |
| WA CD 5010611 | WA CD 5010702 |
| WA CD 5010612 | WA CD 5010704 |
| WA CD 5010613 | WA CD 5010709 |
| WA CD 5010614 | WA CD 5010710 |
| WA CD 5010615 | WA CD 5010711 |
| WA CD 5010616 | WA CD 5010741 |
| WA CD 5010619 | WA CD 5010742 |
| WA CD 5010620 |  |

***Note:***

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

(T) = Town

Attachment 1.2

LICENCE AREA PLAN: Port Hedland Radio

Category: National

General Area Served: Port Hedland (WA)

Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number: TS10001804

Transmitter Site:-

Nominal location: Broadcast Australia Site Great Northern Hwy 14km SE of PORT HEDLAND

Australian Map Grid Zone Easting Northing
Reference: 50 674650 7743301

Site Tolerance: Refer to *Broadcasting Services*

 *(Technical Planning) Guidelines 2007*

Emission:-

Frequency Band & Mode: MF-AM

Carrier Frequency: 603 kHz

Output Radiation Pattern:-

|  |  |  |
| --- | --- | --- |
| Bearing or Sector (Clockwise direction) | Elevation | Maximum CMF |
| At all angles of azimuth | 0° | 424 V |

Advisory Note:

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

Attachment 1.3

LICENCE AREA PLAN: Port Hedland Radio

Category: National

General Area Served: Port Hedland (WA)

Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10000786

Transmitter Site:-

Nominal location: Broadcast Australia Site Finucane Island Rd BOODARIE

Australian Map Grid Zone Easting Northing
Reference: 50 662582 7746940

Site Tolerance: Refer to *Broadcasting Services*

 *(Technical Planning) Guidelines 2007*

Emission:-

Frequency Band & Mode: VHF-FM

Carrier Frequency: 95.7 MHz

Polarisation: Mixed

Maximum antenna height: 55 m

Output Radiation Pattern:-

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

Attachment 1.4

LICENCE AREA PLAN: Port Hedland Radio

Category: National

General Area Served: Port Hedland (WA)

Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1130943

Transmitter Site:-

Nominal location: Broadcast Australia Site Finucane Island Rd BOODARIE

Australian Map Grid Zone Easting Northing
Reference: 50 662582 7746940

Site Tolerance: Refer to *Broadcasting Services*

 *(Technical Planning) Guidelines 2007*

Emission:-

Frequency Band & Mode: VHF-FM

Carrier Frequency: 94.9 MHz

Polarisation: Mixed

Maximum antenna height: 55 m

Output Radiation Pattern:-

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

Attachment 1.5

LICENCE AREA PLAN: Port Hedland Radio

Category: National

General Area Served: Broome (WA)

Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number: TS10001459

***Transmitter Site:-***

Nominal location: Broadcast Australia Site Broome Rd 7km NNE of BROOME

Australian Map Grid Zone Easting Northing
Reference: 51 421837 8021837

Site Tolerance: Refer to *Broadcasting Services*

 *(Technical Planning) Guidelines 2007*

***Emission:-***

Frequency Band & Mode: MF-AM

Carrier Frequency: 675 kHz

***Output Radiation Pattern:-***

|  |  |  |
| --- | --- | --- |
| **Bearing or Sector (Clockwise direction)** | **Elevation** | **Maximum CMF** |
| At all angles of azimuth | 0° | 685 V |

Attachment 1.6

LICENCE AREA PLAN: Port Hedland Radio

Category: National

General Area Served: Broome (WA)

Service Licence Number: Not applicable

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number: TS10001433

***Transmitter Site:-***

Nominal location: Broadcast Australia Site Broome Rd 7km NNE of BROOME

Australian Map Grid Zone Easting Northing
Reference: 51 421837 8021837

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: 64 m

***Output Radiation Pattern:-***

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

Attachment 1.7

LICENCE AREA PLAN: Port Hedland Radio

Category: National

General Area Served: Broome (WA)

Service Licence Number: Not applicable

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number: TS1132817

***Transmitter Site:-***

Nominal location: Broadcast Australia Site Broome Rd 7km NNE of BROOME

Australian Map Grid Zone Easting Northing
Reference: 51 421837 8021837

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: 64 m

***Output Radiation Pattern:-***

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

Attachment 1.8

LICENCE AREA PLAN: Port Hedland Radio

Category: Commercial

General Area Served: Port Hedland (WA)

Service Licence Number: SL10342

TECHNICAL SPECIFICATION - AM Radio

Specification Number: TS10001803

Transmitter Site:-

Nominal location: North West Radio AM mast Finucane Island Rd WEDGEFIELD

Australian Map Grid Zone Easting Northing

Reference: 50 664568 7745966

Site Tolerance: Refer to *Broadcasting Services*

 *(Technical Planning) Guidelines 2007*

Emission:-

Frequency Band & Mode: MF-AM

Carrier Frequency: 1026 kHz

Output Radiation Pattern:-

|  |  |  |
| --- | --- | --- |
| Bearing or Sector (Clockwise direction) | Elevation | Maximum CMF |
| At all angles of azimuth | 0° | 424 V |

***Availability of TS10001803:***

TS10001803 ceases to be available for SL10342 28 days after the first day on which the service provided under SL10342 is transmitted by transmitter TS1138050.

Advisory Note:

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

Attachment 1.9

LICENCE AREA PLAN: Port Hedland Radio

Category: Commercial

General Area Served: Port Hedland (WA)

Service Licence Number: SL10342

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1138050

Transmitter Site:-

Nominal location: North West Radio FM mast Finucane Island Rd WEDGEFIELD

Australian Map Grid Zone Easting Northing
Reference: 50 664512 7745963

Site Tolerance: Refer to *Broadcasting Services*

 *(Technical Planning) Guidelines 2007*

Emission:-

Frequency Band & Mode: VHF-FM

Carrier Frequency: 94.1 MHz

Polarisation: Mixed

Maximum antenna height: 50 m

Output Radiation Pattern:-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 5 kW |

***Advisory Note:***

The provision of a service under SL10342 by transmitter TS1138050 affects the availability of transmitter TS10001803. Refer to Attachment 1.8 for further information.

Attachment 1.10

LICENCE AREA PLAN: Port Hedland Radio

Category: Commercial

General Area Served: Broome (WA)

Service Licence Number: SL10342

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number: TS10001435

***Transmitter Site:-***

Nominal location: Broadcast Australia Site Broome Rd 7km NNE of BROOME

Australian Map Grid Zone Easting Northing
Reference: 51 421837 8021837

Site Tolerance: Refer to *Broadcasting Services*

 *(Technical Planning) Guidelines 2007*

***Emission:-***

Frequency Band & Mode: VHF-FM

Carrier Frequency: 102.9 MHz

Polarisation: Mixed

Maximum antenna height: 64 m

***Output Radiation Pattern:-***

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

Attachment 1.11

LICENCE AREA PLAN: Port Hedland Radio

Category: Commercial

General Area Served: Port Hedland (WA)

Service Licence Number: SL10014

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10000782

Transmitter Site:-

Nominal location: North West Radio FM mast Finucane Island Rd WEDGEFIELD

Australian Map Grid Zone Easting Northing
Reference: 50 664512 7745963

Site Tolerance: Refer to *Broadcasting Services*

 *(Technical Planning) Guidelines 2007*

Emission:-

Frequency Band & Mode: VHF-FM

Carrier Frequency: 91.7 MHz

Polarisation: Mixed

Maximum antenna height: 50 m

Output Radiation Pattern:-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 5 kW |

Attachment 1.12

LICENCE AREA PLAN: Port Hedland Radio

Category: Commercial

General Area Served: Broome (WA)

Service Licence Number: SL10014

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number: TS10001436

***Transmitter Site:-***

Nominal location: Broadcast Australia Site Broome Rd 7km NNE of BROOME

Australian Map Grid Zone Easting Northing
Reference: 51 421837 8021837

Site Tolerance: Refer to *Broadcasting Services*

 *(Technical Planning) Guidelines 2007*

***Emission:-***

Frequency Band & Mode: VHF-FM

Carrier Frequency: 101.3 MHz

Polarisation: Mixed

Maximum antenna height: 64 m

***Output Radiation Pattern:-***

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

Attachment 1.13

LICENCE AREA PLAN: Port Hedland Radio

Category: Open Narrowcasting

General Area Served: Port Hedland (WA)

Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10000781

Transmitter Site:-

Nominal location: Nominal Planning site
WEDGEFIELD

Australian Map Grid Zone Easting Northing
Reference: 50 665100 7745700

Site Tolerance: Refer to *Broadcasting Services*

 *(Technical Planning) Guidelines 2007*

Emission:-

Frequency Band & Mode: VHF-FM

Carrier Frequency: 92.5 MHz

Polarisation: Mixed

Maximum antenna height: 55 m

Output Radiation Pattern:-

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

***Advisory Note***:

The coverage area of this transmission is 23 kilometres measured from a point with the following AMG co-ordinates: Zone 50, Easting 665100, Northing 7745700. This point is the same as the nominal transmitter site.

Attachment 1.14

LICENCE AREA PLAN: Port Hedland Radio

Category: Open Narrowcasting

General Area Served: Broome (WA)

Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10005309

Transmitter Site:-

Nominal location: Cnr Robinson & Louis Sts BROOME

Australian Map Grid Zone Easting Northing
Reference: 51 419100 8013600

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: 30 m

Output Radiation Pattern:-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 250 W |

***Advisory Note***:

The coverage area of this transmission is 15 kilometres measured from a point with the following AMG co-ordinates: Zone 51, Easting 419100, Northing 8013600. This point is the same as the nominal transmitter site.

Attachment 2.1

**Licence Area – Port Hedland RA2**

**Community Radio Service Licence number: SL10343**

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 6 August 1991, is:

| **Area Description** |
| --- |
| WA CD 010901 |
| WA CD 010902 |
| WA CD 010903 |
| WA CD 010904 |
| WA CD 010905 |
| WA CD 010906 |
| WA CD 010907 |
| WA CD 010908 |
| WA CD 010909 |
| WA CD 010910 |
| WA CD 010911 |
| WA CD 010913 |
| WA CD 011001 |
| WA CD 011002 |
| WA CD 011003 |
| WA CD 011004 |
| WA CD 011005 |
| WA CD 011006 |
| WA CD 011007 |
| WA CD 011008 |
| WA CD 011009 |
| WA CD 011010 |
| WA CD 011011 |

***Note:***

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

Attachment 2.2

LICENCE AREA PLAN: Port Hedland Radio

Category: Community

General Area Served: Port Hedland (WA)

Service Licence Number: SL10343

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10000783

Transmitter Site:-

Nominal location: Pilbara Institute off Hamilton Road
SOUTH HEDLAND

Australian Map Grid Zone Easting Northing
Reference: 50 666147 7742782

Site Tolerance: Refer to *Broadcasting Services*

 *(Technical Planning) Guidelines 2007*

Emission:-

Frequency Band & Mode: VHF-FM

Carrier Frequency: 101.3 MHz

Polarisation: Mixed

Maximum antenna height: 45 m

Output Radiation Pattern:-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 500 W |