Australian
Broadcasting
Authority

VARIATION TO LICENCE AREA PLAN

Port Hedland Radio

Australian Broadcasting Authority
Canberra
May 2003

Published by the Australian Broadcasting Authority
PO Box 34
BELCONNEN ACT 2616

Variation to Licence Area Plan – Port Hedland – May 2003

VARIATION

Under subsection 26(2) of the *Broadcasting Services Act 1992*, the Australian Broadcasting Authority hereby varies the licence area plan (LAP) for radio in Port Hedland, WA, as determined in June 1996.

The variation comprises a variation of the licence area of the commercial radio broadcasting services designated by the service licence numbers SL010342 and SL010014, and the addition of technical specifications as set out below:

Service Category	Service Licence No	Technical Specification No	Frequency	Attach No	Area Served	Status
National	N/A	TS001459	675 kHz	1.2.1	Broome	Add
National	N/A	TS001433	107.7 MHz	1.3.1	Broome	Add
Commercial	SL010342	TS001435	102.9 MHz	1.4.1	Broome	Add
Commercial	SL010014	TS001436	101.3 MHz	1.5.1	Broome	Add
Open Narrowcasting	N/A	TS005309	104.5 MHz	1.6.1	Broome	Add

The variation to the licence area is set out in Attachment 1.1.1

(Determined by the Australian Broadcasting Authority on 22 May 2003)

SCHEDULES

Each of the Schedules sets out:

- the category of each of the services that are to be available in that area (column one);
- the frequency for each transmitter (column two) does not form part of the licence area plan decision and is included for reference only;
- the service licence number which has been allocated to the service, if appropriate (column three); N/A = Not Applicable, as the *Broadcasting Services Act 1992* only requires service licences for Commercial and Community services;
- the transmitter specification number which has been allocated to each transmitter (column four);
- the identifying number of the attachment where the technical specifications for each transmitter are described (column five). (Each set of technical specifications referred to in the Schedules is an attachment to this determination); and
- the general area served by each transmitter (column six).

Frequency Column

- the frequency shown is the centre frequency of the channel.

The information in the frequency column is provided as additional information to the licence area plan and is accurate as at the time of publication.

For ease of reference, the Schedules affected by this variation to the LAP have been updated to reflect the variation to the plan.

Schedule One of the Port Hedland LAP prior to this variation is reproduced below:

SCHEDULE ONE

Licence Area Plan : Port Hedland - Radio – June 1996

Licence Area: Port Hedland RA1

Service Category	Frequency	Service Licence No	Technical Specification No	Attach No	Area Served
National	603 kHZ	N/A	TS001804	1.2	Port Hedland
National	95.7 MHz	N/A	TS000786	1.3	Port Hedland
Commercial	1026 kHz	SL010342	TS001803	1.4	Port Hedland
Commercial	91.7 MHz	SL010014	TS000782	1.5	Port Hedland
Open Narrowcasting	92.5 MHz	N/A	TS000781	1.6	Port Hedland

The updated schedule to the LAP affected by this variation is as follows:

SCHEDULE ONE

Licence Area Plan : Port Hedland - Radio – as varied May 2003

Licence Area: Port Hedland RA1

Service Category	Frequency	Service Licence No	Technical Specification No	Attach No	Area Served
National	603 kHz	N/A	TS001804	1.2	Port Hedland
National	675 kHz	N/A	TS001459	1.2.1	Broome
National	95.7 MHz	N/A	TS000786	1.3	Port Hedland
National	107.7 MHz	N/A	TS001433	1.3.1	Broome
Commercial	1026 kHz	SL010342	TS001803	1.4	Port Hedland
Commercial	102.9 MHz	SL010342	TS001435	1.4.1	Broome
Commercial	91.7 MHz	SL010014	TS000782	1.5	Port Hedland
Commercial	101.3 MHz	SL010014	TS001436	1.5.1	Broome
Open Narrowcasting	92.5 MHz	N/A	TS000781	1.6	Port Hedland
Open Narrowcassting	104.5 MHz	N/A	TS005309	1.6.1	Broome

Attachment 1.1.1

LICENCE AREA – PORT HEDLAND RA1

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

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

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

(T) = Town

Attachment 1.2.1

LICENCE AREA PLAN : Remote Western Australia Radio

Category : National

General Area Served : Broome (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS001459

Transmitter Site :-

Nominal location : 8km NNE of BROOME

Australian Map Grid :	Zone	Easting	Northing
Reference	51	421800	8021900

Site Tolerance : Refer to Technical Planning Guidelines

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 1.3.1

LICENCE AREA PLAN : Remote Western Australia Radio

Category : National

General Area Served : Broome (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10001433

Transmitter Site :-

Nominal location : 8km NNE of BROOME

	Zone	Easting	Northing
Australian Map Grid Reference	51	421800	8021900

Site Tolerance : Refer to Technical Planning Guidelines

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

Special Conditions :-

Note: The antenna height of this national service has been changed from 64 to 64 metres. Refer to file 1998/5261.

Attachment 1.4.1

LICENCE AREA PLAN : Port Hedland

Category : Commercial

General Area Served : Broome (WA)

Service Licence Number : SL010342

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS001435

Transmitter Site :-

Nominal location : Broome, R/T Site

Australian Map Grid :	Zone	Easting	Northing
Reference	51	421800	8021700

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 102.9 MHz

Polarisation : Mixed

Maximum antenna height : 70 m

Output Radiation Pattern :-

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

Attachment 1.5.1

LICENCE AREA PLAN : Port Hedland

Category : Commercial

General Area Served : Broome (WA)

Service Licence Number : SL010014

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS001436

Transmitter Site :-

Nominal location : Broome, 8km NNE of township

Australian Map Grid :	Zone	Easting	Northing
Reference	51	421800	8021900

Site Tolerance : Refer to Technical Planning Guidelines

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 1.6.1

LICENCE AREA PLAN : Remote Western Australia 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 Technical Planning Guidelines		

Emission :-

Frequency Band & Mode	VHF-FM
Carrier Frequency :	104.5 MHz
Polarisation	Vertical
Maximum antenna height	30 m

Output Radiation Pattern :-

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