



**Australian
Broadcasting
Authority**

LICENCE AREA PLAN

PORT HEDLAND (Radio)

JUNE 1996

LICENCE AREA PLAN - PORT HEDLAND

DETERMINATION

The Australian Broadcasting Authority hereby makes this plan for radio broadcasting services in the Port Hedland area of Western Australia, under section 26(1) of the *Broadcasting Services Act 1992*.

Two national radio broadcasting services, two commercial radio broadcasting services and one open narrowcasting radio broadcasting service are to be available in the Port Hedland area described at Attachment 1.1 to this determination 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 the Schedule and Attachments 1.2 - 1.6 to this Determination.

One community radio broadcasting service is to be made available in the Port Hedland area described at Attachment 2.1 to this determination 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 is set out in Schedule Two and Attachment 2.2.

(Determined by the Australian Broadcasting Authority on 21 June 1996.)

SCHEDULE

The Schedule sets out:

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

SCHEDULE ONE

Licence Area Plan - Port Hedland - (Radio) - June 1996

Category of Service	Service Licence No:	Transmitter Specification No:	Technical Specifications	General Area Served by Transmitter
National	N/A	TS001804	See attachment 1.2	Port Hedland
National	N/A	TS000786	See attachment 1.3	Port Hedland
Commercial	SL010342	TS001803	See attachment 1.4	Port Hedland
Commercial	SL010014	TS000782	See attachment 1.5	Port Hedland
Open Narrowcasting	N/A	TS000781	See attachment 1.6	Port Hedland

SCHEDULE TWO

Licence Area Plan - Port Hedland - (Radio) - June 1996

Category of Service	Service Licence No:	Transmitter Specification No:	Technical Specifications	General Area Served by Transmitter
Community	SL010343	TS000783	See attachment 2.2	Port Hedland

**LICENCE AREA FOR SERVICE LICENCE Nos: SL010342 and SL010014
COMMERCIAL RADIO, PORT HEDLAND, WA**

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

Area Description	Persons
Port Hedland (T)	12601
WA CD 010701	380
 Total Persons	 12981

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
(T) = Town

LICENCE AREA PLAN : Port Hedland

Category : National

General Area Served : Port Hedland (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS001804

Transmitter Site :-

Nominal location : Port Hedland, 12km SE of town

Australian Map Grid :	Zone	Easting	Northing
Reference	50	674700	7743300

Site Tolerance : Refer to Technical Planning Guidelines

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

Notes :-

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

LICENCE AREA PLAN : Port Hedland

Category : National

General Area Served : Port Hedland (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS000786

Transmitter Site :-

Nominal location : Port Hedland, 6km S of Finucane Island

Australian Map Grid :	Zone	Easting	Northing
Reference	50	662600	7746900

Site Tolerance : Refer to Technical Planning Guidelines

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

LICENCE AREA PLAN : Port Hedland

Category : Commercial

General Area Served : Port Hedland (WA)

Service Licence Number : SL010342

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS001803

Transmitter Site :-

Nominal location : Wedgefield

Australian Map Grid :	Zone	Easting	Northing
Reference	50	665100	7745700

Site Tolerance : Refer to Technical Planning Guidelines

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

Notes :-

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

LICENCE AREA PLAN : Port Hedland

Category : Commercial

General Area Served : Port Hedland (WA)

Service Licence Number : SL010014

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS000782

Transmitter Site :-

Nominal location : Wedgefield

Australian Map Grid :	Zone	Easting	Northing
Reference	50	665100	7745700

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 91.7 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

LICENCE AREA PLAN : Port Hedland

Category : Open Narrowcasting

General Area Served : Port Hedland (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS000781

Transmitter Site :-

Nominal location : Wedgefield

Australian Map Grid :	Zone	Easting	Northing
Reference	50	665100	7745700

Site Tolerance : Refer to Technical Planning Guidelines

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

**LICENCE AREA FOR SERVICE LICENCE No: SL010343
COMMUNITY RADIO, PORT HEDLAND, WA**

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

Area Description	Persons
WA CD 010901	183
WA CD 010902	205
WA CD 010903	380
WA CD 010904	522
WA CD 010905	497
WA CD 010906	106
WA CD 010907	376
WA CD 010908	669
WA CD 010909	93
WA CD 010910	745
WA CD 010911	615
WA CD 010913	42
WA CD 011001	462
WA CD 011002	581
WA CD 011003	663
WA CD 011004	415
WA CD 011005	885
WA CD 011006	980
WA CD 011007	804
WA CD 011008	904
WA CD 011009	953
WA CD 011010	388
WA CD 011011	536
Total Persons	12004

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

LICENCE AREA PLAN : Port Hedland

Category : Community

General Area Served : Port Hedland (WA)

Service Licence Number : SL010343

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS000783

Transmitter Site :-

Nominal location : South Hedland

Australian Map Grid :	Zone	Easting	Northing
Reference	50	666500	7743200

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF-FM

Carrier Frequency : 101.3 MHz

Polarisation Vertical

Maximum antenna height 45 m

Output Radiation Pattern :-

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