

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	1140808
Licensee	The Pilbara Infrastructure Pty Ltd
Licensee address	Level 2/87 Adelaide Terrace Attn: Matt Dabic, EAST PERTH, WA 6004

## Licence details

Licence service	Fixed
Licence subservice	Point to Point (5.8GHz) Band
Licence number	1951428/1
Callsign	VLA981
Date of issue	10/11/2023
Date of effect	10/11/2023
Date of expiry	18/09/2024

## Licence conditions

Your licence is subject to conditions set out in the *Radiocommunications Act 1992*. Your licence may also be subject to such other licence conditions as determined by the ACMA (in licence condition determinations) from time to time, and is also subject to special conditions as detailed on this licence.

The conditions that are imposed on a licence vary according to the type of licence issued, the service being operated and the section of the *Radiocommunications Act 1992* under which the licence has been issued. For further information about the conditions that apply to your licence, please contact the ACMA (see contact details below).

### **Rights of appeal**

A decision by the ACMA to impose further conditions or revoke or vary the conditions of your licence may be reviewable. If you are affected by, and dissatisfied with, such a decision you may apply to the ACMA to have the ACMA reconsider the decision under section 288 of the *Radiocommunications Act 1992*.

An application for reconsideration must state the reasons for the request, and should be sent to the Customer Service Centre, Australian Communications and Media Authority, PO Box 78, Belconnen, ACT, 2616. Applications for review of decisions can be made using the R051 - Application for review of Decision form, available on the ACMA website.

### **Important**

An application for the ACMA to reconsider a decision to impose or vary licence conditions must be made to the ACMA within 28 days of the day on which you are informed of the decision. An application for reconsideration made after that time may not be accepted.

## ACMA contact details

Customer Service Centre  
PO Box 78  
BELCONNEN ACT 2616

Telephone: 1300 850 115  
Email: [info@acma.gov.au](mailto:info@acma.gov.au)

ACMA website: [www.acma.gov.au](http://www.acma.gov.au)

## **Advisory Notes applying to licence no.: 1951428/1**

Conditions applicable to the operation of Point to Point (5.8 GHz band) station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Fixed Licence) Determination, 'the Fixed LCD'. Copies of these determinations are available from the ACMA and from the ACMA home page ([www.acma.gov.au](http://www.acma.gov.au)).

## Technical characteristics

Below is a summary of the technical characteristics of the licensed service. Further technical details not displayed here may be found on the ACMA website.

### Main Station Site

### Station 1:

Site details	
Site ID	9016107
Site address	FMG railway, 165.4 km south of, PORT HEDLAND WA 6760
Co-ordinates (GDA94)	Latitude: -21.752872 Longitude: 118.884241

Transmitter details	
Assigned frequency	5.78500000 GHz
Bandwidth	20.000000 MHz
Freq. assign. ID	0001106481
Transmitter power	500 mW
EIRP	200.00 W
Emission designator	20M0X2D

Antenna details	
Antenna ID	80996
Antenna polarisation	M - Mixed
Antenna azimuth	334.19
Antenna height (m)	19
Antenna type	Parabolic-P

Receiver details	
Assigned frequency	5.78500000 GHz
Bandwidth	20.000000 MHz
Freq. assign. ID	0001106484
Transmitter power	N/A
EIRP	N/A
Emission designator	20M0X2D

Antenna details	
Antenna ID	80996
Antenna polarisation	M - Mixed
Antenna azimuth	334.19
Antenna height (m)	19
Antenna type	Parabolic-P

## Technical characteristics

Below is a summary of the technical characteristics of the licensed service. Further technical details not displayed here may be found on the ACMA website.

### Main Station Site

### Station 2:

Site details	
Site ID	9020006
Site address	164NAP, FMG railway 164.295 Km south of, PORT HEDLAND WA 6760
Co-ordinates (GDA94)	Latitude: -21.744188 Longitude: 118.879746

Transmitter details	
Assigned frequency	5.78500000 GHz
Bandwidth	20.000000 MHz
Freq. assign. ID	0001106483
Transmitter power	400 mW
EIRP	200.00 W
Emission designator	20M0X2D

Antenna details	
Antenna ID	80996
Antenna polarisation	M - Mixed
Antenna azimuth	154.19
Antenna height (m)	9
Antenna type	Parabolic-P

Receiver details	
Assigned frequency	5.78500000 GHz
Bandwidth	20.000000 MHz
Freq. assign. ID	0001106482
Transmitter power	N/A
EIRP	N/A
Emission designator	20M0X2D

Antenna details	
Antenna ID	80996
Antenna polarisation	M - Mixed
Antenna azimuth	154.19
Antenna height (m)	9
Antenna type	Parabolic-P

## Technical characteristics

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### Main Station Site

### Station 3:

#### Site details

Site ID	9020005
Site address	174NAS, FMG railway 174.577 Km south of, PORT HEDLAND WA 6760
Co-ordinates (GDA94)	Latitude: -21.822619 Longitude: 118.931504

#### Transmitter details

Assigned frequency	5.74500000 GHz
Bandwidth	20.000000 MHz
Freq. assign. ID	0001106485
Transmitter power	400 mW
EIRP	200.00 W
Emission designator	20M0X2D

#### Antenna details

Antenna ID	80996
Antenna polarisation	M - Mixed
Antenna azimuth	154.64
Antenna height (m)	9
Antenna type	Parabolic-P

#### Receiver details

Assigned frequency	5.74500000 GHz
Bandwidth	20.000000 MHz
Freq. assign. ID	0001106488
Transmitter power	N/A
EIRP	N/A
Emission designator	20M0X2D

#### Antenna details

Antenna ID	80996
Antenna polarisation	M - Mixed
Antenna azimuth	154.64
Antenna height (m)	9
Antenna type	Parabolic-P

## Technical characteristics

Below is a summary of the technical characteristics of the licensed service. Further technical details not displayed here may be found on the ACMA website.

### Main Station Site

### Station 4:

Site details	
Site ID	9020007
Site address	178MB, FMG railway 178.25 Km south of, PORT HEDLAND WA 6760
Co-ordinates (GDA94)	Latitude: -21.851795 Longitude: 118.946315

Transmitter details	
Assigned frequency	5.74500000 GHz
Bandwidth	20.000000 MHz
Freq. assign. ID	0001106487
Transmitter power	600 mW
EIRP	200.00 W
Emission designator	20M0X2D

Antenna details	
Antenna ID	80996
Antenna polarisation	M - Mixed
Antenna azimuth	334.64
Antenna height (m)	24
Antenna type	Parabolic-P

Receiver details	
Assigned frequency	5.74500000 GHz
Bandwidth	20.000000 MHz
Freq. assign. ID	0001106486
Transmitter power	N/A
EIRP	N/A
Emission designator	20M0X2D

Antenna details	
Antenna ID	80996
Antenna polarisation	M - Mixed
Antenna azimuth	334.64
Antenna height (m)	24
Antenna type	Parabolic-P