

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	1157745
Licensee	Pilbara Iron Company (Services) Pty Ltd
Licensee address	PO Box 842 (Jayde Potts,D/Point D10), KARRATHA, WA 6714

## Licence details

Licence service	PTS
Licence subservice	PMTS Class B
Licence number	9902706/3
Date of issue	14/04/2020
Date of effect	14/04/2020
Date of expiry	21/06/2024

## 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)

## 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	44770
Site address	KP98 Robe River Railway, WICKHAM WA 6752
Co-ordinates (GDA94)	Latitude: -21.334060 Longitude: 116.894744

#### Transmitter details

Assigned frequency	1.86500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001250406
Transmitter power	30.00 W
EIRP	3.14 kW
Emission designator	10M0W7D

#### Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	0.00
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.77000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001250407
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

#### Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	0.00
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

### Special Conditions applying to Station 1

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

## 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	9027293
Site address	Rio Tinto rail site KM102_9, 102.9 km from, CAPE LAMBERT WA 6716
Co-ordinates (GDA94)	Latitude: -21.368619 Longitude: 116.855209

#### Transmitter details

Assigned frequency	1.86500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248647
Transmitter power	30.00 W
EIRP	1.69 kW
Emission designator	10M0W7D

#### Antenna details

Antenna ID	81181
Antenna polarisation	S - Slant
Antenna azimuth	0.00
Antenna height (m)	10
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.77000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248648
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

#### Antenna details

Antenna ID	81181
Antenna polarisation	S - Slant
Antenna azimuth	0.00
Antenna height (m)	10
Antenna type	Panel (1 sector)-R

## Special Conditions applying to Station 2

If sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply to a station because of a condition specified in this licence, the station must be operated:

- a) in a manner that does not cause harmful interference to licensed radiocommunications devices; and
- b) on the basis that the licensee cannot claim protection from harmful interference from licensed radiocommunications devices.

Sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply with respect to the operation of a station under the licence, if the station:

- a) has an indoor fixed antenna and a radiated true mean power less than or equal to 24 dBm EIRP/occupied bandwidth;
- b) is within a 15 kilometre radius of the location specified for the spectrum access; and
- c) uses the receive or transmit frequencies and the emission designator specified for the spectrum access.

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

Sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply to a station that:

- a) is capable of being moved between places;
- b) operates from a fixed point within a 5 kilometre radius of the location specified for this spectrum access; and
- c) uses the receive or transmit frequencies and the emission designator specified for the spectrum access.

## 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 3:

#### Site details

Site ID	9027274
Site address	Rio Tinto rail site KP112 RBS, 112 km from, CAPE LAMBERT WA 6716
Co-ordinates (GDA94)	Latitude: -21.439107 Longitude: 116.830626

#### Transmitter details

Assigned frequency	1.86500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248649
Transmitter power	30.00 W
EIRP	3.14 kW
Emission designator	10M0W7D

#### Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	0.00
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.77000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248650
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

#### Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	0.00
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

### Special Conditions applying to Station 3

Sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply to a station that:

- a) is capable of being moved between places;
- b) operates from a fixed point within a 5 kilometre radius of the location specified for this spectrum access; and
- c) uses the receive or transmit frequencies and the emission designator specified for the spectrum access.

If sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply to a station because of a condition specified in this licence, the station must be operated:

- a) in a manner that does not cause harmful interference to licensed radiocommunications devices; and
- b) on the basis that the licensee cannot claim protection from harmful interference from licensed radiocommunications devices.

Sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply with respect to the operation of a station under the licence, if the station:

- a) has an indoor fixed antenna and a radiated true mean power less than or equal to 24 dBm EIRP/occupied bandwidth;
- b) is within a 15 kilometre radius of the location specified for the spectrum access; and
- c) uses the receive or transmit frequencies and the emission designator specified for the spectrum access.

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

## 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	9009230
Site address	KP 89.95, Deepdale Line Trackside, PILBARA WA 6716
Co-ordinates (GDA94)	Latitude: -21.295606 Longitude: 116.951367

#### Transmitter details

Assigned frequency	1.86500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248651
Transmitter power	30.00 W
EIRP	3.14 kW
Emission designator	10M0W7D

#### Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	0.00
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.77000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248652
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

#### Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	0.00
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

## Special Conditions applying to Station 4

Sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply to a station that:

- a) is capable of being moved between places;
- b) operates from a fixed point within a 5 kilometre radius of the location specified for this spectrum access; and
- c) uses the receive or transmit frequencies and the emission designator specified for the spectrum access.

If sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply to a station because of a condition specified in this licence, the station must be operated:

- a) in a manner that does not cause harmful interference to licensed radiocommunications devices; and
- b) on the basis that the licensee cannot claim protection from harmful interference from licensed radiocommunications devices.

Sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply with respect to the operation of a station under the licence, if the station:

- a) has an indoor fixed antenna and a radiated true mean power less than or equal to 24 dBm EIRP/occupied bandwidth;
- b) is within a 15 kilometre radius of the location specified for the spectrum access; and
- c) uses the receive or transmit frequencies and the emission designator specified for the spectrum access.

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.