

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 (Dan Abraham, Drop Point D059), KARRATHA, WA 6714

Licence details

Licence service	PTS
Licence subservice	PMTS Class B
Licence number	9902700/3
Date of issue	18/04/2024
Date of effect	18/04/2024
Date of expiry	18/04/2025

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

ACMA website: 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	9003918
Site address	KP 15, Robe River Railway, 6.5 km SW of, WICKHAM WA 6718
Co-ordinates (GDA94)	Latitude: -20.719669 Longitude: 117.095567

Transmitter details

Assigned frequency	1.86500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248589
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	0001248590
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	9003918
Site address	KP 15, Robe River Railway, 6.5 km SW of, WICKHAM WA 6718
Co-ordinates (GDA94)	Latitude: -20.719669 Longitude: 117.095567

Transmitter details

Assigned frequency	1.86500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248591
Transmitter power	30.00 W
EIRP	3.14 kW
Emission designator	10M0W7D

Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	180.00
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.77000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248592
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	180.00
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

Special Conditions applying to Station 2

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.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD

In this condition, "registration exempt station" has the same meaning as in the PST LCD and also means a station:

- a) this is, or incorporates, one or more radiocommunications transmitters (a "relevant transmitter"); and
- b) for which each relevant transmitter:
 - (i) has a fixed indoor antenna; and
 - (ii) is operated with a radiated true mean power not greater than 24 dBm EIRP per occupied bandwidth; and
 - (iii) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (iv) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter - is operated in accordance with that emission designator; and
 - (v) is located within 15 kilometres of another base station (other than a low power base station) operated under this licence; and
- c) if a radiocommunications receiver is part of the station - the receiver is operated on a frequency specified in this licence.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD.

In this condition, "registration exempt station" has the same meaning as in the PTS LCD and also means a station:

- a) that is, or incorporates, one or more radiocommunications transmitters (a relevant transmitter); and
- b) that is capable of being moved between places; and
- c) for which each relevant transmitter:
 - (i) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (ii) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter - is operated in accordance with that emission designator; and
 - (iii) is only operated when located within 5 kilometres of another base station (other than a low power base station) operated under this licence; and
- d) if a radiocommunications receiver is part of the station - the receiver is operated on a frequency specified in 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 3:

Site details

Site ID	38307
Site address	KP5 Robe River Mining Comms Site, off Cape Lambert Rd 5km N of Wickham, WICKHAM WA 6718
Co-ordinates (GDA94)	Latitude: -20.632696 Longitude: 117.152738

Transmitter details

Assigned frequency	1.86500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248593
Transmitter power	30.00 W
EIRP	3.14 kW
Emission designator	10M0W7D

Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	290.00
Antenna height (m)	62
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.77000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248594
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	290.00
Antenna height (m)	62
Antenna type	Panel (1 sector)-R

Special Conditions applying to Station 3

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.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD.

In this condition, "registration exempt station" has the same meaning as in the PTS LCD and also means a station:

- a) that is, or incorporates, one or more radiocommunications transmitters (a relevant transmitter); and
- b) that is capable of being moved between places; and
- c) for which each relevant transmitter:
 - (i) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (ii) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter – is operated in accordance with that emission designator; and
 - (iii) is only operated when located within 5 kilometres of another base station (other than a low power base station) operated under this licence; and
- d) if a radiocommunications receiver is part of the station – the receiver is operated on a frequency specified in this licence.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD

In this condition, "registration exempt station" has the same meaning as in the PST LCD and also means a station:

- a) this is, or incorporates, one or more radiocommunications transmitters (a "relevant transmitter"); and
- b) for which each relevant transmitter:
 - (i) has a fixed indoor antenna; and
 - (ii) is operated with a radiated true mean power not greater than 24 dBm EIRP per occupied bandwidth; and
 - (iii) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (iv) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter - is operated in accordance with that emission designator; and
 - (v) is located within 15 kilometres of another base station (other than a low power base station) operated under this licence; and
- c) if a radiocommunications receiver is part of the station - the receiver is operated on a frequency specified in 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	38307
Site address	KP5 Robe River Mining Comms Site, off Cape Lambert Rd 5km N of Wickham, WICKHAM WA 6718
Co-ordinates (GDA94)	Latitude: -20.632696 Longitude: 117.152738

Transmitter details	
Assigned frequency	1.86500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248595
Transmitter power	30.00 W
EIRP	3.14 kW
Emission designator	10M0W7D

Antenna details	
Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	30.00
Antenna height (m)	62
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.77000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248596
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details	
Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	30.00
Antenna height (m)	62
Antenna type	Panel (1 sector)-R

Special Conditions applying to Station 4

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.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD.

In this condition, "registration exempt station" has the same meaning as in the PTS LCD and also means a station:

- a) that is, or incorporates, one or more radiocommunications transmitters (a relevant transmitter); and
- b) that is capable of being moved between places; and
- c) for which each relevant transmitter:
 - (i) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (ii) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter – is operated in accordance with that emission designator; and
 - (iii) is only operated when located within 5 kilometres of another base station (other than a low power base station) operated under this licence; and
- d) if a radiocommunications receiver is part of the station – the receiver is operated on a frequency specified in this licence.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD

In this condition, "registration exempt station" has the same meaning as in the PST LCD and also means a station:

- a) this is, or incorporates, one or more radiocommunications transmitters (a "relevant transmitter"); and
- b) for which each relevant transmitter:
 - (i) has a fixed indoor antenna; and
 - (ii) is operated with a radiated true mean power not greater than 24 dBm EIRP per occupied bandwidth; and
 - (iii) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (iv) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter - is operated in accordance with that emission designator; and
 - (v) is located within 15 kilometres of another base station (other than a low power base station) operated under this licence; and
- c) if a radiocommunications receiver is part of the station - the receiver is operated on a frequency specified in 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 5:

Site details

Site ID	38307		
Site address	KP5 Robe River Mining Comms Site, off Cape Lambert Rd 5km N of Wickham, WICKHAM WA 6718		
Co-ordinates (GDA94)	Latitude: -20.632696	Longitude:	117.152738

Transmitter details

Assigned frequency	1.86500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248597
Transmitter power	30.00 W
EIRP	3.14 kW
Emission designator	10M0W7D

Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	210.00
Antenna height (m)	62
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.77000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248598
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details

Antenna ID	81116
Antenna polarisation	S - Slant
Antenna azimuth	210.00
Antenna height (m)	62
Antenna type	Panel (1 sector)-R

Special Conditions applying to Station 5

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.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD

In this condition, "registration exempt station" has the same meaning as in the PST LCD and also means a station:

- a) this is, or incorporates, one or more radiocommunications transmitters (a "relevant transmitter"); and
- b) for which each relevant transmitter:
 - (i) has a fixed indoor antenna; and
 - (ii) is operated with a radiated true mean power not greater than 24 dBm EIRP per occupied bandwidth; and
 - (iii) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (iv) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter - is operated in accordance with that emission designator; and
 - (v) is located within 15 kilometres of another base station (other than a low power base station) operated under this licence; and
- c) if a radiocommunications receiver is part of the station - the receiver is operated on a frequency specified in this licence.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD.

In this condition, "registration exempt station" has the same meaning as in the PTS LCD and also means a station:

- a) that is, or incorporates, one or more radiocommunications transmitters (a relevant transmitter); and
- b) that is capable of being moved between places; and
- c) for which each relevant transmitter:
 - (i) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (ii) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter - is operated in accordance with that emission designator; and
 - (iii) is only operated when located within 5 kilometres of another base station (other than a low power base station) operated under this licence; and
- d) if a radiocommunications receiver is part of the station - the receiver is operated on a frequency specified in 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 6:

Site details

Site ID	9018915
Site address	Cape Lambert B Port RBS, Off Cape Lambert Road, 9km N of, WICKHAM WA 6714
Co-ordinates (GDA94)	Latitude: -20.595792 Longitude: 117.1727

Transmitter details

Assigned frequency	1.86500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248599
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)	40
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.77000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248600
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)	40
Antenna type	Panel (1 sector)-R

Special Conditions applying to Station 6

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.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD.

In this condition, "registration exempt station" has the same meaning as in the PTS LCD and also means a station:

- a) that is, or incorporates, one or more radiocommunications transmitters (a relevant transmitter); and
- b) that is capable of being moved between places; and
- c) for which each relevant transmitter:
 - (i) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (ii) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter – is operated in accordance with that emission designator; and
 - (iii) is only operated when located within 5 kilometres of another base station (other than a low power base station) operated under this licence; and
- d) if a radiocommunications receiver is part of the station – the receiver is operated on a frequency specified in this licence.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD

In this condition, "registration exempt station" has the same meaning as in the PST LCD and also means a station:

- a) this is, or incorporates, one or more radiocommunications transmitters (a "relevant transmitter"); and
- b) for which each relevant transmitter:
 - (i) has a fixed indoor antenna; and
 - (ii) is operated with a radiated true mean power not greater than 24 dBm EIRP per occupied bandwidth; and
 - (iii) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (iv) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter - is operated in accordance with that emission designator; and
 - (v) is located within 15 kilometres of another base station (other than a low power base station) operated under this licence; and
- c) if a radiocommunications receiver is part of the station - the receiver is operated on a frequency specified in 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 7:

Site details

Site ID	9008668
Site address	Cape Lambert Administration Tower, Cape Lambert, DAMPIER WA 6718
Co-ordinates (GDA94)	Latitude: -20.613863 Longitude: 117.164543

Transmitter details

Assigned frequency	1.86500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248601
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)	12
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.77000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001248602
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)	12
Antenna type	Panel (1 sector)-R

Special Conditions applying to Station 7

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.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD

In this condition, "registration exempt station" has the same meaning as in the PST LCD and also means a station:

- a) this is, or incorporates, one or more radiocommunications transmitters (a "relevant transmitter"); and
- b) for which each relevant transmitter:
 - (i) has a fixed indoor antenna; and
 - (ii) is operated with a radiated true mean power not greater than 24 dBm EIRP per occupied bandwidth; and
 - (iii) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (iv) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter - is operated in accordance with that emission designator; and
 - (v) is located within 15 kilometres of another base station (other than a low power base station) operated under this licence; and
- c) if a radiocommunications receiver is part of the station - the receiver is operated on a frequency specified in this licence.

A person must not operate a:

- a) radiocommunications transmitter that is, or is part of, a station other than a registration exempt station otherwise than in accordance with section 8 of the Radiocommunications Licence Conditions (PTS Licence) Determination 2024 (PTS LCD); or
- b) registration exempt station otherwise than in accordance with sections 9, 12 and 13 of the PTS LCD.

In this condition, "registration exempt station" has the same meaning as in the PTS LCD and also means a station:

- a) that is, or incorporates, one or more radiocommunications transmitters (a relevant transmitter); and
- b) that is capable of being moved between places; and
- c) for which each relevant transmitter:
 - (i) is operated on a frequency specified in this licence for the operation of a radiocommunications transmitter; and
 - (ii) if this licence specifies an emission designator for emissions made by a radiocommunications transmitter - is operated in accordance with that emission designator; and
 - (iii) is only operated when located within 5 kilometres of another base station (other than a low power base station) operated under this licence; and
- d) if a radiocommunications receiver is part of the station - the receiver is operated on a frequency specified in this licence.