

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	240022
Licensee	BHP BILLITON IRON ORE PTY. LTD.
Trading name	Signals & Communications Superintendent
Licensee address	PO Box 231, PORT HEDLAND, WA 6721

Licence details

Licence service	Fixed
Licence subservice	Point to Point (5.8GHz) Band
Licence number	1188240/1
Callsign	VMI815
Date of issue	05/04/2023
Date of effect	05/04/2023
Date of expiry	18/04/2024

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

ACMA website: www.acma.gov.au

Certain information contained in this licence record will be disclosed in the Register of Radiocommunications Licences (RRL), established and maintained pursuant to Part 3.5 of the *Radiocommunications Act 1992*.

Advisory Notes applying to licence no.: 1188240/1

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).

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).

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.

Link 1

Site details		Site 1	Site 2
Site ID		9003011	602529
Site address		Coondewanna Airfield, Mining Area C, Gt Northern Highway 125 Kms NW of, NEWMAN WA 6753	Terminal Mining Area C, NEWMAN WA 6753
Co-ordinates (GDA94)		Lat: -22.963799 Long: 118.812002	Lat: -22.910670 Long: 118.941621
Equipment details:			
Assigned TX frequency		5.74500000 GHz	5.74500000 GHz
Assigned RX frequency		5.74500000 GHz	5.74500000 GHz
Bandwidth		20.000000 MHz	20.000000 MHz
Freq. assign. ID		0000617630	0000617628
Transmitter power		316 mW	316 mW
EIRP			0 mW
Emission designator		12M0G7W	12M0G7W
Antenna details			
Antenna ID		80283	80283
Antenna polarisation		V - Vertical linear	V - Vertical linear
Antenna azimuth		66.15	246.10
Antenna height (m)		15	30
Antenna type		Panel (1 sector)-R	Panel (1 sector)-R

Advisory Notes applying to Station 0 Site 1

Transmitters that comply with the Radiocommunications (Low Interference Potential Devices) Class Licence or Radiocommunications (Spread Spectrum Devices) Class Licence are listed on this licence for information only.

Special Conditions applying to Station 0 Site 1

The emissions of transmitters must comply with the undesirable emission limits specified in the Federal Communications Commission (FCC) Rule 15.407 (b) (4) and also with the transmit spectrum mask requirements of section 17.3.9.2 of the Institute of Electrical and Electronics Engineers (IEEE) Standard 802.11a - 1999, except where the transmitter complies with the Radiocommunications (Low Interference Potential Devices) Class Licence or Radiocommunications (Spread Spectrum Devices) Class Licence.

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

The 3 dB antenna beamwidth of transmitters must not exceed +/- 5.5 degrees in the horizontal plane, except where the transmitter complies with the Radiocommunications (Low Interference Potential Devices) Class Licence or Radiocommunications (Spread Spectrum Devices) Class Licence.

Advisory Notes applying to Station 0 Site 2

Transmitters that comply with the Radiocommunications (Low Interference Potential Devices) Class Licence or Radiocommunications (Spread Spectrum Devices) Class Licence are listed on this licence for information only.

Special Conditions applying to Station 0 Site 2

The emissions of transmitters must comply with the undesirable emission limits specified in the Federal Communications Commission (FCC) Rule 15.407 (b) (4) and also with the transmit spectrum mask requirements of section 17.3.9.2 of the Institute of Electrical and Electronics Engineers (IEEE) Standard 802.11a - 1999, except where the transmitter complies with the Radiocommunications (Low Interference Potential Devices) Class Licence or Radiocommunications (Spread Spectrum Devices) Class Licence.

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

The 3 dB antenna beamwidth of transmitters must not exceed +/- 5.5 degrees in the horizontal plane, except where the transmitter complies with the Radiocommunications (Low Interference Potential Devices) Class Licence or Radiocommunications (Spread Spectrum Devices) Class Licence.