

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	20045090
Licensee	CHALLENGE NETWORKS RESOURCES PTY LTD
Trading name	CHALLENGE NETWORKS RESOURCES PTY LTD
Licensee address	34 Duke Street, ABBOTSFORD, VIC 3067

Licence details

Licence service	PTS
Licence subservice	PMTS Class B
Licence number	11649955/1
Date of issue	18/05/2022
Date of effect	06/04/2022
Date of expiry	05/04/2027

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

Special Conditions applying to licence no.: 11649955/1

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of 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.

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.

Advisory Notes applying to licence no.: 11649955/1

Conditions applicable to the operation of PMTS Class B station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (PTS Licence) Determination. Copies of these determinations are available from the ACMA and from the ACMA home page (www.acma.gov.au).

If interference to a station operated under this licence is caused by a radiocommunications device that is authorised to operate under a spectrum licence, ACMA will consider any dispute from the starting point that the spectrum licence has priority over this licence, irrespective of the date that the spectrum licenced device was first operated.

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- a. may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- b. protection from such interference cannot be afforded.

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	10004402
Site address	Central -P25 Moura Mine, MOURA QLD
Co-ordinates (GDA94)	Latitude: -24.735608 Longitude: 150.070672

Transmitter details

Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613165
Transmitter power	40.00 W
EIRP	2.52 kW
Emission designator	9M90G7W

Antenna details

Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	210.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613166
Transmitter power	N/A
EIRP	N/A
Emission designator	9M90G7W

Antenna details

Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	210.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

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	10004402
Site address	Central -P25 Moura Mine, MOURA QLD
Co-ordinates (GDA94)	Latitude: -24.735608 Longitude: 150.070672

Transmitter details

Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613167
Transmitter power	40.00 W
EIRP	2.52 kW
Emission designator	9M90G7W

Antenna details

Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	330.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613168
Transmitter power	N/A
EIRP	N/A
Emission designator	9M90G7W

Antenna details

Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	330.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

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	10004410
Site address	Pit 27 -P25 Moura Mine, MOURA QLD
Co-ordinates (GDA94)	Latitude: -24.878035 Longitude: 150.038841

Transmitter details	
Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613169
Transmitter power	40.00 W
EIRP	2.52 kW
Emission designator	9M90G7W

Antenna details	
Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	210.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613170
Transmitter power	N/A
EIRP	N/A
Emission designator	9M90G7W

Antenna details	
Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	210.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

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	10004410
Site address	Pit 27 -P25 Moura Mine, MOURA QLD
Co-ordinates (GDA94)	Latitude: -24.878035 Longitude: 150.038841

Transmitter details	
Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613171
Transmitter power	40.00 W
EIRP	2.52 kW
Emission designator	9M90G7W

Antenna details	
Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	330.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613172
Transmitter power	N/A
EIRP	N/A
Emission designator	9M90G7W

Antenna details	
Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	330.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

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	17841
Site address	Washplant Area Mine Site, MOURA QLD 4718
Co-ordinates (GDA94)	Latitude: -24.528599 Longitude: 150.064793

Transmitter details

Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613173
Transmitter power	40.00 W
EIRP	2.52 kW
Emission designator	9M90G7W

Antenna details

Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	210.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613174
Transmitter power	N/A
EIRP	N/A
Emission designator	9M90G7W

Antenna details

Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	210.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

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	17841
Site address	Washplant Area Mine Site, MOURA QLD 4718
Co-ordinates (GDA94)	Latitude: -24.528599 Longitude: 150.064793

Transmitter details	
Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613175
Transmitter power	40.00 W
EIRP	2.52 kW
Emission designator	9M90G7W

Antenna details	
Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	330.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0003613176
Transmitter power	N/A
EIRP	N/A
Emission designator	9M90G7W

Antenna details	
Antenna ID	80554
Antenna polarisation	S - Slant
Antenna azimuth	330.00
Antenna height (m)	40
Antenna type	Panel (1 sector)-R