

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	1149151
Licensee	Queensland Rail Limited
Trading name	Queensland Rail - Attn: D Barbeler
Licensee address	GPO Box 1429, BRISBANE, QLD 4001

## Licence details

Licence service	Fixed
Licence subservice	Point to Point
Licence number	10435745/1
Date of issue	08/05/2023
Date of effect	08/05/2023
Date of expiry	31/05/2024

## 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)

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.: 10435745/1**

Conditions applicable to the operation of Point to Point 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 licence 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.

### Link 1

Site details		Site 1	Site 2
Site ID		19939	19981
Site address		Comms 23m Tower Qld Rail Site, Towers Hill off Blackjack Rd, CHARTERS TOWERS QLD 4820	Railway Station, Gill Street, CHARTERS TOWERS QLD 4820
Co-ordinates (GDA94)		Lat: -20.089922 Long: 146.253135	Lat: -20.077426 Long: 146.270514
Equipment details:			
Assigned TX frequency		413.950000 MHz	404.500000 MHz
Assigned RX frequency		404.500000 MHz	413.950000 MHz
Bandwidth		25.0000 kHz	25.0000 kHz
Freq. assign. ID		0002127055	0002127053
Transmitter power		100 mW	100 mW
EIRP		1.25 W	1.25 W
Emission designator		25K0FXW	25K0FXW
Antenna details			
Antenna ID		60218	60218
Antenna polarisation		H - Horizontal linear	H - Horizontal linear
Antenna azimuth		52.00	232.00
Antenna height (m)		13	10
Antenna type		Yagi (Horizontal Polarisation)-Y	Yagi (Horizontal Polarisation)-Y

### Special Conditions applying to Station 0 Site 1

An efficient cavity filter must be fitted between the receiver and the antenna.

An efficient cavity filter must be fitted between the transmitter and the antenna.

### Special Conditions applying to Station 0 Site 2

An efficient cavity filter must be fitted between the transmitter and the antenna.

An efficient cavity filter must be fitted between the receiver and the antenna.