

# 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	1406165/1
Date of issue	01/05/2024
Date of effect	01/05/2024
Date of expiry	31/05/2025

## 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](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.: 1406165/1**

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		15197	400556
Site address		QR Site adj Railway Station, CHARLEVILLE QLD 4470	QR Site, COOTHALLA QLD 4470
Co-ordinates (GDA94)		Lat: -26.406571 Long: 146.243094	Lat: -26.596198 Long: 145.717401
Equipment details:			
Assigned TX frequency		413.500000 MHz	404.050000 MHz
Assigned RX frequency		404.050000 MHz	413.500000 MHz
Bandwidth		25.0000 kHz	25.0000 kHz
Freq. assign. ID		0000657924	0000657926
Transmitter power		1.00 W	1.00 W
EIRP		8.30 W	8.30 W
Emission designator		16K0F3E	16K0F3E
Antenna details			
Antenna ID		106	106
Antenna polarisation		H - Horizontal linear	H - Horizontal linear
Antenna azimuth		248.04	68.27
Antenna height (m)		0.00	0.00
Antenna type		Yagi (Horizontal Polarisation)-Y	Yagi (Horizontal Polarisation)-Y

### Special Conditions applying to Station 1

The level of power in the adjacent channel must not exceed -22dBm.

### Special Conditions applying to Station 2

The level of all discreet spurious components, measured at the output of the transmitter, must not exceed -30dBm.