

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	1214220
Licensee	Essential Energy
Trading name	Attn: Ray Northcott
Licensee address	PO Box 5730, PORT MACQUARIE BC, NSW 2444

Licence details

Licence service	Fixed
Licence subservice	Point to Point
Licence number	1506660/1
Callsign	VL2BO
Date of issue	15/06/2022
Date of effect	15/06/2022
Date of expiry	14/07/2023

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.: 1506660/1

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).

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		11442	501108
Site address		Telstra Site, Andersons Hill, LITTLE TOPAR NSW 2880	Aust Inland Energy Site, WHITE CLIFFS NSW 2836
Co-ordinates (GDA94)		Lat: -31.58581 Long: 142.79966	Lat: -30.850526 Long: 143.097147
Equipment details:			
Assigned TX frequency		409.050000 MHz	418.500000 MHz
Assigned RX frequency		418.500000 MHz	409.050000 MHz
Bandwidth		500.0000 kHz	500.0000 kHz
Freq. assign. ID		0000683531	0000683529
Transmitter power		5.00 W	5.00 W
EIRP			0 mW
Emission designator		500KM7D	500KM7D
Antenna details			
Antenna ID		50025	50025
Antenna polarisation		H - Horizontal linear	H - Horizontal linear
Antenna azimuth		19.44	199.28
Antenna height (m)		65	65
Antenna type		Yagi (Horizontal Polarisation)-Y	Yagi (Horizontal Polarisation)-Y

Special Conditions applying to Station 0 Site 1

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

Special Conditions applying to Station 0 Site 2

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