

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	156
Licensee	ACTEW DISTRIBUTION LTD AND JEMENA NETWORKS (ACT) PTY LTD
Trading name	ACTEW AGL Distribution Attn Radio Workshop
Licensee address	ICT Supplier Management PO Box 366, CANBERRA, ACT 2601

Licence details

Licence service	Land Mobile
Licence subservice	Land Mobile System - > 30MHz
Licence number	1229688/2
Callsign	VJ1UL
Date of issue	07/11/2023
Date of effect	07/11/2023
Date of expiry	15/11/2024

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

Advisory Notes applying to licence no.: 1229688/2

Conditions applicable to the operation of Land Mobile System station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Land Mobile Licence) Determination. 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.

Main Station Site

Station 1:

Site details

Site ID	11564
Site address	TV Monopole Broadcast Australia Site, Tuggeranong Hill off Callister Cres, THEODORE ACT 2906
Co-ordinates (GDA94)	Latitude: -35.453391 Longitude: 149.107856

Transmitter details

Assigned frequency	417.225000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000686703
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F3E

Antenna details

Antenna ID	60137
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
Antenna type	Dipole-D

Receiver details

Assigned frequency	407.775000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000686706
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

Antenna details

Antenna ID	60137
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
Antenna type	Dipole-D

Advisory Notes applying to Station 1

The availability of additional channels in this trunked land mobile service system is dependent on the licensee demonstrating that loading criteria appropriate to the system have been reached. Information about appropriate loading criteria may be obtained from the Australian Communications and Media Authority.

Special Conditions applying to Station 1

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.

The level of power in the adjacent channel must not exceed -16dBm.

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.

Supplementary Station Site

Station 2:

Site details

Site ID	55359
Site address	Concrete Monopole, Lower Molonglo Water Quality Control Centre, BELCONNEN ACT 2617
Co-ordinates (GDA94)	Latitude: -35.248106 Longitude: 148.97262

Transmitter details

Assigned frequency	417.225000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002167990
Transmitter power	12.00 W
EIRP	10.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	40117
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	17
Antenna type	Parallel array of vertical dipoles-D

Receiver details

Assigned frequency	407.775000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002167991
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	40117
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	17
Antenna type	Parallel array of vertical dipoles-D

Advisory Notes applying to Station 2

The availability of additional channels in this trunked land mobile service system is dependent on the licensee demonstrating that loading criteria appropriate to the system have been reached. Information about appropriate loading criteria may be obtained from the Australian Communications and Media Authority.

Special Conditions applying to Station 2

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.

The level of power in the adjacent channel must not exceed -16dBm.