

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	159310
Licensee	THE WIRELESS INSTITUTE OF AUSTRALIA VICTORIAN DIVISION
Trading name	The Wireless Institute of Australia Victorian Division
Licensee address	9 Carrington Street, SYDENHAM, VIC 3037

Licence details

Licence service	Amateur
Licence subservice	Amateur Repeater
Licence number	1318995/1
Callsign	VK3RED
Date of issue	16/02/2024
Date of effect	16/02/2024
Date of expiry	25/03/2025

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

ACMA website: www.acma.gov.au

Advisory Notes applying to licence no.: 1318995/1

Conditions applicable to the operation of Amateur Repeater station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Amateur 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	12095
Site address	Southern Cross Transmitter Hut, 49 km ENE of Orbost, DONALD KNOB VIC 3889
Co-ordinates (GDA94)	Latitude: -37.593722 Longitude: 148.994565

Transmitter details

Assigned frequency	146.050000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517062
Transmitter power	50.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	50009
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Dipole-D

Receiver details

Assigned frequency	146.050000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517063
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	50009
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Dipole-D

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.

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	12095
Site address	Southern Cross Transmitter Hut, 49 km ENE of Orbost, DONALD KNOB VIC 3889
Co-ordinates (GDA94)	Latitude: -37.593722 Longitude: 148.994565

Transmitter details

Assigned frequency	146.650000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517064
Transmitter power	50.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	50009
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Dipole-D

Receiver details

Assigned frequency	146.650000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517065
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	50009
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Dipole-D

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.

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	12095
Site address	Southern Cross Transmitter Hut, 49 km ENE of Orbost, DONALD KNOB VIC 3889
Co-ordinates (GDA94)	Latitude: -37.593722 Longitude: 148.994565

Transmitter details

Assigned frequency	144.436000 MHz
Bandwidth	850.00 Hz
Freq. assign. ID	0000517066
Transmitter power	120.00 W
EIRP	
Emission designator	850HF1A

Antenna details

Antenna ID	1
Antenna polarisation	
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

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	12095
Site address	Southern Cross Transmitter Hut, 49 km ENE of Orbost, DONALD KNOB VIC 3889
Co-ordinates (GDA94)	Latitude: -37.593722 Longitude: 148.994565

Transmitter details

Assigned frequency	432.436000 MHz
Bandwidth	850.00 Hz
Freq. assign. ID	0000517067
Transmitter power	120.00 W
EIRP	
Emission designator	850HF1A

Antenna details

Antenna ID	1
Antenna polarisation	
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

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	12095
Site address	Southern Cross Transmitter Hut, 49 km ENE of Orbost, DONALD KNOB VIC 3889
Co-ordinates (GDA94)	Latitude: -37.593722 Longitude: 148.994565

Transmitter details

Assigned frequency	440.250000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517068
Transmitter power	5.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

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	12071
Site address	State Government Tower, 23 km NNE of Lakes Entrance, MT NOWA NOWA VIC 3887
Co-ordinates (GDA94)	Latitude: -37.692799 Longitude: 148.090901

Receiver details

Assigned frequency	440.250000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517069
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

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 7:

Site details

Site ID	12095
Site address	Southern Cross Transmitter Hut, 49 km ENE of Orbost, DONALD KNOB VIC 3889
Co-ordinates (GDA94)	Latitude: -37.593722 Longitude: 148.994565

Transmitter details

Assigned frequency	440.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517070
Transmitter power	5.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

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 8:

Site details

Site ID	12106
Site address	Police Site, MARAMINGO HILL VIC 3891
Co-ordinates (GDA94)	Latitude: -37.410528 Longitude: 149.547557

Receiver details

Assigned frequency	440.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517071
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y