

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	213171/2
Callsign	VK3RWI
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

Special Conditions applying to licence no.: 213171/2

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

Advisory Notes applying to licence no.: 213171/2

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.

Station 1:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	147.300000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001992771
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	16K0F9W

Antenna details

Antenna ID	80241
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	5
Antenna type	Dipole-D

Receiver details

Assigned frequency	145.700000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001992772
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F9W

Antenna details

Antenna ID	80241
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	5
Antenna type	Dipole-D

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.

Station 2:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	438.625000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515997
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

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

Receiver details

Assigned frequency	433.625000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515998
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 3:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	144.700000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515999
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	144.700000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516000
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 4:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	144.725000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516001
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	144.725000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516002
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 5:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	144.750000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516003
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	144.750000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516004
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 6:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	144.775000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516005
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	144.775000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516006
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 7:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	144.800000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516007
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	144.800000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516008
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 8:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	144.825000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516009
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	144.825000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516010
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 9:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	144.850000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516011
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	144.850000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516012
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 10:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	144.875000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516013
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	144.875000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516014
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 11:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	144.900000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516015
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	144.900000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516016
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 12:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	144.925000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516017
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	144.925000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516018
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 13:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	147.300000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516019
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	147.300000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516020
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 14:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	147.575000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516021
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	147.575000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516022
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 15:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	147.600000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516023
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	147.600000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516024
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 16:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	146.925000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516025
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

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

Receiver details

Assigned frequency	146.325000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516026
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 17:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	147.550000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516027
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	147.550000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516028
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
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.

Station 18:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	438.275000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516029
Transmitter power	20.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	74
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

Receiver details

Assigned frequency	433.275000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516030
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	74
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

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.

Station 19:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	440.600000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516031
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	978
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

Receiver details

Assigned frequency	430.600000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516032
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	978
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.

Station 20:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	147.300000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516033
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	71
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Coaxial Dipole-D

Receiver details

Assigned frequency	147.900000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516034
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	71
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Coaxial Dipole-D

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.

Station 21:

Area wide details:

Area ID	3
Area name	Victoria

Transmitter details

Assigned frequency	145.200000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516035
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

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

Receiver details

Assigned frequency	145.200000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516036
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

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