

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	80313
Licensee	Redcliffe And Districts Radio Club Inc
Trading name	Redcliffe & Districts Radio Club Inc
Licensee address	PO Box 252, Kippa Ring, QLD 4021

Licence details

Licence service	Amateur
Licence subservice	Amateur Repeater
Licence number	145203/2
Callsign	VK4RRC
Date of issue	16/01/2024
Date of effect	16/01/2024
Date of expiry	23/02/2025

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.: 145203/2

1. The station must produce a continuous service. 2. No charges may be imposed by the licensee or their agent for the use of the repeater facility. 3. No transmission shall be made in the absence of a received signal. The transmitter must not be able to lock-on due to a malfunction.

The callsign must be encoded into the transmitter.

In the event of a malfunction or interference being caused to other services, termination of transmissions must be promptly effected. Where access to the repeater is difficult, termination of transmissions must be achievable by remote switching.

Access to the repeater station must be provided on an unrestricted basis to any licensee in the service.

Advisory Notes applying to licence no.: 145203/2

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.

Main Station Site

Station 1:

Site details

Site ID	15808
Site address	Amateur Site, Lot 1 Williams Rd, WAMURAN QLD 4512
Co-ordinates (GDA94)	Latitude: -27.03671622 Longitude: 152.82310542

Transmitter details

Assigned frequency	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001359394
Transmitter power	25.00 W
EIRP	369.78 W
Emission designator	16K0F2D

Antenna details

Antenna ID	13871
Antenna polarisation	V - Vertical linear
Antenna azimuth	0.00
Antenna height (m)	200
Antenna type	6-element-Y

Receiver details

Assigned frequency	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001359395
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	13871
Antenna polarisation	V - Vertical linear
Antenna azimuth	0.00
Antenna height (m)	2
Antenna type	6-element-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 2:

Site details

Site ID	15808
Site address	Amateur Site, Lot 1 Williams Rd, WAMURAN QLD 4512
Co-ordinates (GDA94)	Latitude: -27.03671622 Longitude: 152.82310542

Transmitter details

Assigned frequency	438.675000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001359396
Transmitter power	50.00 W
EIRP	82.98 W
Emission designator	10K1F9W

Antenna details

Antenna ID	60008
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	200
Antenna type	Dipole-D

Receiver details

Assigned frequency	431.675000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001359397
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F9W

Antenna details

Antenna ID	60008
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	2
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.

Main Station Site

Station 3:

Site details

Site ID	15808
Site address	Amateur Site, Lot 1 Williams Rd, WAMURAN QLD 4512
Co-ordinates (GDA94)	Latitude: -27.03671622 Longitude: 152.82310542

Transmitter details

Assigned frequency	28.265000 MHz
Bandwidth	100.00 Hz
Freq. assign. ID	0001359418
Transmitter power	10.00 W
EIRP	10.00 W
Emission designator	100HA1A

Antenna details

Antenna ID	17
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	200
Antenna type	Vehicle mounted mobile antenna-X

Receiver details

Assigned frequency	28.265000 MHz
Bandwidth	100.00 Hz
Freq. assign. ID	0001359419
Transmitter power	N/A
EIRP	N/A
Emission designator	100HA1A

Antenna details

Antenna ID	17
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	2
Antenna type	Vehicle mounted mobile antenna-X

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	15808
Site address	Amateur Site, Lot 1 Williams Rd, WAMURAN QLD 4512
Co-ordinates (GDA94)	Latitude: -27.03671622 Longitude: 152.82310542

Transmitter details

Assigned frequency	439.100000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001359840
Transmitter power	25.00 W
EIRP	369.78 W
Emission designator	16K0F2D

Antenna details

Antenna ID	13871
Antenna polarisation	V - Vertical linear
Antenna azimuth	0.00
Antenna height (m)	200
Antenna type	6-element-Y

Receiver details

Assigned frequency	439.100000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001359841
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	13871
Antenna polarisation	V - Vertical linear
Antenna azimuth	0.00
Antenna height (m)	2
Antenna type	6-element-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 5:

Site details

Site ID	15808
Site address	Amateur Site, Lot 1 Williams Rd, WAMURAN QLD 4512
Co-ordinates (GDA94)	Latitude: -27.03671622 Longitude: 152.82310542

Transmitter details

Assigned frequency	438.325000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515230
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	433.325000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515231
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.

Main Station Site

Station 6:

Site details

Site ID	15808
Site address	Amateur Site, Lot 1 Williams Rd, WAMURAN QLD 4512
Co-ordinates (GDA94)	Latitude: -27.03671622 Longitude: 152.82310542

Transmitter details

Assigned frequency	146.925000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515232
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	0000515233
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.

Main Station Site

Station 7:

Site details

Site ID	15808
Site address	Amateur Site, Lot 1 Williams Rd, WAMURAN QLD 4512
Co-ordinates (GDA94)	Latitude: -27.03671622 Longitude: 152.82310542

Transmitter details

Assigned frequency	53.625000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515234
Transmitter power	50.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	72
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	6
Antenna type	Colinear Vertical-U

Receiver details

Assigned frequency	52.625000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515235
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	72
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	6
Antenna type	Colinear Vertical-U