

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	1137939
Licensee	Canberra Region Amateur Radio Club Incorporated
Licensee address	Canberra Region Amateur Radio Club Mailbox 2-06, CANBERRA, ACT 2600

## Licence details

Licence service	Amateur
Licence subservice	Amateur Repeater
Licence number	96408/4
Callsign	VK1RGI
Date of issue	10/08/2022
Date of effect	19/11/2019
Date of expiry	08/08/2024

## 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](mailto:info@acma.gov.au)

ACMA website: [www.acma.gov.au](http://www.acma.gov.au)

## **Advisory Notes applying to licence no.: 96408/4**

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](http://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	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

Transmitter details	
Assigned frequency	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514838
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

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	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514839
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

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.

### Main Station Site

### Station 2:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Transmitter details

Assigned frequency	146.950000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514840
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	146.350000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514841
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

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### Main Station Site

### Station 3:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Transmitter details

Assigned frequency	53.925000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514842
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	52.925000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514843
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

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### Main Station Site

### Station 4:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Receiver details

Assigned frequency	146.425000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514844
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 5:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Transmitter details

Assigned frequency	430.100000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514845
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F3E

#### Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Unknown antenna type, size or specifications-

#### Receiver details

Assigned frequency	442.300000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514846
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)	15
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	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Receiver details

Assigned frequency	442.100000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514847
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)	15
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	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Receiver details

Assigned frequency	441.950000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514848
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)	15
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 8:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Receiver details

Assigned frequency	442.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514849
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)	15
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 9:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Receiver details

Assigned frequency	442.200000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514850
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)	15
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 10:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Receiver details

Assigned frequency	433.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514851
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 11:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Receiver details

Assigned frequency	433.325000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514852
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 12:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Transmitter details

Assigned frequency	438.050000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514853
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	433.050000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514854
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 13:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Transmitter details

Assigned frequency	430.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0002277259
Transmitter power	10.00 W
EIRP	131.83 W
Emission designator	16K0F9W

#### Antenna details

Antenna ID	80571
Antenna polarisation	V - Vertical linear
Antenna azimuth	59.77
Antenna height (m)	10
Antenna type	Parallel array of vertical dipoles-D

#### Receiver details

Assigned frequency	442.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0002277260
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F9W

#### Antenna details

Antenna ID	80571
Antenna polarisation	V - Vertical linear
Antenna azimuth	59.77
Antenna height (m)	10
Antenna type	Parallel array of vertical dipoles-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 14:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Transmitter details

Assigned frequency	432.410000 MHz
Bandwidth	850.00 Hz
Freq. assign. ID	0002606239
Transmitter power	20.00 W
EIRP	20.00 W
Emission designator	850HF1A

#### Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	4
Antenna type	Unknown antenna type, size or specifications-

#### Receiver details

Assigned frequency	432.410000 MHz
Bandwidth	850.00 Hz
Freq. assign. ID	0002606240
Transmitter power	N/A
EIRP	N/A
Emission designator	850HF1A

#### Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	4
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 15:

#### Site details

Site ID	11542
Site address	Commsite, 42 km SW of Canberra, MT GININI ACT 2620
Co-ordinates (GDA94)	Latitude: -35.529552 Longitude: 148.772605

#### Transmitter details

Assigned frequency	1.29641000 GHz
Bandwidth	850.00 Hz
Freq. assign. ID	0002606241
Transmitter power	20.00 W
EIRP	20.00 W
Emission designator	850HF1A

#### Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	4
Antenna type	Unknown antenna type, size or specifications-

#### Receiver details

Assigned frequency	1.29641000 GHz
Bandwidth	850.00 Hz
Freq. assign. ID	0002606242
Transmitter power	N/A
EIRP	N/A
Emission designator	850HF1A

#### Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	4
Antenna type	Unknown antenna type, size or specifications-