

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	15504
Licensee	Goulburn & Southern Highlands Amateur Radio Society Inc
Licensee address	PO Box 341, GOULBURN, NSW 2580

Licence details

Licence service	Amateur
Licence subservice	Amateur Repeater
Licence number	26453/1
Callsign	VK2RGN
Date of issue	11/10/2023
Date of effect	11/10/2023
Date of expiry	24/10/2024

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.: 26453/1

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	9491
Site address	South Site, MT GRAY NSW 2580
Co-ordinates (GDA94)	Latitude: -34.758567 Longitude: 149.763092

Transmitter details

Assigned frequency	438.325000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514105
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	0000514106
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 2:

Site details

Site ID	9491		
Site address	South Site, MT GRAY NSW 2580		
Co-ordinates (GDA94)	Latitude: -34.758567	Longitude: 149.763092	

Transmitter details

Assigned frequency	449.975000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514107
Transmitter power	5.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	70073
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

Receiver details

Assigned frequency	449.975000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514108
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	70073
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

Technical characteristics

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Main Station Site

Station 3:

Site details

Site ID	9491
Site address	South Site, MT GRAY NSW 2580
Co-ordinates (GDA94)	Latitude: -34.758567 Longitude: 149.763092

Transmitter details

Assigned frequency	439.950000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514109
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	434.950000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514110
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	9491
Site address	South Site, MT GRAY NSW 2580
Co-ordinates (GDA94)	Latitude: -34.758567 Longitude: 149.763092

Transmitter details

Assigned frequency	144.800000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514111
Transmitter power	10.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	5
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	144.800000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514112
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)	5
Antenna type	Unknown antenna type, size or specifications-

Technical characteristics

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Main Station Site

Station 5:

Site details

Site ID	9491
Site address	South Site, MT GRAY NSW 2580
Co-ordinates (GDA94)	Latitude: -34.758567 Longitude: 149.763092

Transmitter details

Assigned frequency	144.925000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514113
Transmitter power	10.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	5
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	144.925000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514116
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)	5
Antenna type	Unknown antenna type, size or specifications-

Technical characteristics

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Main Station Site

Station 6:

Site details

Site ID	9491
Site address	South Site, MT GRAY NSW 2580
Co-ordinates (GDA94)	Latitude: -34.758567 Longitude: 149.763092

Transmitter details

Assigned frequency	434.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514119
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	434.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514120
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 7:

Site details

Site ID	9491	
Site address	South Site, MT GRAY NSW 2580	
Co-ordinates (GDA94)	Latitude: -34.758567	Longitude: 149.763092

Transmitter details

Assigned frequency	53.700000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514121
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	72
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

Receiver details

Assigned frequency	53.700000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514122
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)	0
Antenna type	Colinear Vertical-U

Technical characteristics

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Main Station Site

Station 8:

Site details

Site ID	9491	
Site address	South Site, MT GRAY NSW 2580	
Co-ordinates (GDA94)	Latitude: -34.758567	Longitude: 149.763092

Transmitter details

Assigned frequency	442.300000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514123
Transmitter power	50.00 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	430.100000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514124
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 9:

Site details

Site ID	9491
Site address	South Site, MT GRAY NSW 2580
Co-ordinates (GDA94)	Latitude: -34.758567 Longitude: 149.763092

Receiver details

Assigned frequency	433.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514125
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 10:

Site details

Site ID	9491	
Site address	South Site, MT GRAY NSW 2580	
Co-ordinates (GDA94)	Latitude: -34.758567	Longitude: 149.763092

Transmitter details

Assigned frequency	146.625000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514126
Transmitter power	50.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	13343
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

Receiver details

Assigned frequency	146.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514127
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	13343
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

Special Conditions applying to Station 10

An efficient cavity filter must be fitted between the receiver and the antenna.

An efficient cavity filter must be fitted between the transmitter and the antenna.