Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority

Licensee details

Customer ID	1423808
Licensee	Roy Moore
Licensee address	15 Germans Road, SARINA, QLD 4737

Licence details

Licence service	Amateur
Licence subservice	Amateur Repeater
Licence number	167221/1
Callsign	VK4RSA
Date of issue	14/09/2023
Date of effect	14/09/2023
Date of expiry	21/10/2024

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

Certain information contained in this licence record will be disclosed in the Register of Radiocommunications Licences (RRL), established and maintained pursuant to Part 3.5 of the *Radiocommunications Act 1992.*

Advisory Notes applying to licence no.: 167221/1

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	18360
Site address	Hobbs Site, JORDAN CREEK QLD 4737
Co-ordinates (GDA94)	Latitude: -21.497521 Longitude: 149.16955

Transmitter details	
Assigned frequency	53.800000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515437
Transmitter power	50.00 W
EIRP	
Emission designator	16K0F3E
Antenna details	
Antenna ID	13355
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

Receiver details	
Assigned frequency	52.800000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515438
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E
Antenna details	
Antenna ID	13355
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
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 2:**

Site details	
Site ID	18360
Site address	Hobbs Site, JORDAN CREEK QLD 4737
Co-ordinates (GDA94)	Latitude: -21.497521 Longitude: 149.16955

Transmitter details	
Assigned frequency	439.625000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515439
Transmitter power	50.00 W
EIRP	83.00 W
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	434.625000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515440
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

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	18360
Site address	Hobbs Site, JORDAN CREEK QLD 4737
Co-ordinates (GDA94)	Latitude: -21.497521 Longitude: 149.16955

Transmitter details	
Assigned frequency	440.450000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515441
Transmitter power	25.00 W
EIRP	
Emission designator	16K0F3E
Antenna details	
Antenna ID	20077
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

Receiver details	
Assigned frequency	430.450000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515442
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E
Antenna details	
Antenna ID	20077
Antenna polarisation	V - Vertical 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 4:**

Site details	
Site ID	18360
Site address	Hobbs Site, JORDAN CREEK QLD 4737
Co-ordinates (GDA94)	Latitude: -21.497521 Longitude: 149.16955

Transmitter details	
Assigned frequency	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515443
Transmitter power	25.00 W
EIRP	
Emission designator	16K0F3E
Antenna details	
Antenna ID	60013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

Receiver details	
Assigned frequency	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515444
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E
Antenna details	
Antenna ID	60013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
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 5:

Site details	
Site ID	18360
Site address	Hobbs Site, JORDAN CREEK QLD 4737
Co-ordinates (GDA94)	Latitude: -21.497521 Longitude: 149.16955

Transmitter details	
Assigned frequency	440.275000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515445
Transmitter power	25.00 W
EIRP	
Emission designator	16K0F3E
Antenna details	
Antenna ID	101
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	430.275000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515446
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E
Antenna details	
Antenna ID	101
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical 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	18360
Site address	Hobbs Site, JORDAN CREEK QLD 4737
Co-ordinates (GDA94)	Latitude: -21.497521 Longitude: 149.16955

Transmitter details	
Assigned frequency	146.675000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515447
Transmitter power	50.00 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	146.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515448
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.

Main Station Site **Station 7:**

Site details	
Site ID	18360
Site address	Hobbs Site, JORDAN CREEK QLD 4737
Co-ordinates (GDA94)	Latitude: -21.497521 Longitude: 149.16955

Transmitter details	
Assigned frequency	438.275000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000515449
Transmitter power	50.00 W
EIRP	
Emission designator	6K25W7W
Antenna details	
Antenna ID	60013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Dipole-D

Receiver details	
Assigned frequency	432.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000515450
Transmitter power	N/A
EIRP	N/A
Emission designator	6K25W7W
Antenna details	
Antenna ID	60013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
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 8:**

Site details	
Site ID	18360
Site address	Hobbs Site, JORDAN CREEK QLD 4737
Co-ordinates (GDA94)	Latitude: -21.497521 Longitude: 149.16955

Transmitter details	
Assigned frequency	147.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515451
Transmitter power	50.00 W
EIRP	
Emission designator	16K0F9W
Antenna details	
Antenna ID	60013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Dipole-D

Receiver details	
Assigned frequency	147.675000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515452
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F9W
Antenna details	
Antenna ID	60013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Dipole-D