

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	5832
Licensee	NSW Rural Fire Service
Trading name	.
Licensee address	Locked Mail Bag 17, GRANVILLE, NSW 2142

## Licence details

Licence service	Fixed
Licence subservice	Point to Point
Licence number	13994/1
Callsign	VL2OR
Date of issue	20/05/2021
Date of effect	20/05/2021
Date of expiry	29/06/2022

## 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)

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.: 13994/1**

Conditions applicable to the operation of Point to Point station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Fixed Licence) Determination, the 'fixed licence lcd'. 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.

### Link 1

Site details	Site 1	Site 2
Site ID	10768	34882
Site address	Wellington Shire Council Site, Mount Bodangora Near, WELLINGTON NSW 2820	RFS Site, Spot Height 777 Metres, STORE CREEK NSW 2850
Co-ordinates (GDA94)	Lat: -32.425676 Long: 149.104091	Lat: -32.912469 Long: 149.140925
<b>Equipment details:</b>		
Assigned TX frequency	413.575000 MHz	404.125000 MHz
Assigned RX frequency	404.125000 MHz	413.575000 MHz
Bandwidth	25.0000 kHz	25.0000 kHz
Freq. assign. ID	0001145271	0001145273
Transmitter power	1.00 W	1.00 W
EIRP		0 mW
Emission designator	16K0F3E	16K0F3E
<b>Antenna details</b>		
Antenna ID	106	106
Antenna polarisation	H - Horizontal linear	H - Horizontal linear
Antenna azimuth	176.30	356.30
Antenna height (m)	0	0
Antenna type	Yagi (Horizontal Polarisation)-Y	Yagi (Horizontal Polarisation)-Y

### Special Conditions applying to Station 0 Site 1

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.

### Special Conditions applying to Station 0 Site 2

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.

**Link 3**

<b>Site details</b>		<b>Site 1</b>	<b>Site 2</b>
Site ID	34882	10768	
Site address	RFS Site, Spot Height 777 Metres, STORE CREEK NSW 2850	Wellington Shire Council Site, Mount Bodangora Near, WELLINGTON NSW 2820	
Co-ordinates (GDA94)	Lat: -32.912469 Long: 149.140925	Lat: -32.425676 Long: 149.104091	
<b>Equipment details:</b>			
Assigned TX frequency	404.125000 MHz	413.575000 MHz	
Assigned RX frequency	413.575000 MHz	404.125000 MHz	
Bandwidth	25.0000 kHz	25.0000 kHz	
Freq. assign. ID	0001145277	0001145275	
Transmitter power	1.00 W	1.00 W	
EIRP		0 mW	
Emission designator	16K0F3E	16K0F3E	
<b>Antenna details</b>			
Antenna ID	106	106	
Antenna polarisation	H - Horizontal linear	H - Horizontal linear	
Antenna azimuth	356.30	176.30	
Antenna height (m)	0	0	
Antenna type	Yagi (Horizontal Polarisation)-Y	Yagi (Horizontal Polarisation)-Y	