

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	1147602
Licensee	Volunteer Marine Rescue NSW
Trading name	Marine Rescue NSW
Licensee address	PO Box 579, CRONULLA, NSW 2230

## Licence details

Licence service	Maritime Coast
Licence subservice	Limited Coast Assigned System
Licence number	1188184/2
Callsign	VZN849
Date of issue	13/01/2022
Date of effect	13/01/2022
Date of expiry	22/02/2024

## 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.: 1188184/2**

Conditions applicable to the operation of Limited Coast Assigned System authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Maritime Coast 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	35728	
Site address	Telstra site, MT IMLAY NSW 2551	
Co-ordinates (GDA94)	Latitude: -37.180487	Longitude: 149.734156

#### Transmitter details

Assigned frequency	161.675000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000508727
Transmitter power	35.00 W
EIRP	83.00 W
Emission designator	16K0F3E

#### Antenna details

Antenna ID	70018
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	12
Antenna type	Colinear Vertical-U

#### Receiver details

Assigned frequency	157.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000508730
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

#### Antenna details

Antenna ID	70018
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	12
Antenna type	Colinear Vertical-U

## Special Conditions applying to Station 1

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

A facility limiting access to no more than 1 minute must be activated in the repeater by each transmission.

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.

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.

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

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

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.