

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	20000768
Licensee	Australian Maritime Safety Authority
Licensee address	GPO Box 2181 Attn: Response Division Administration, Client ID 20000768, Canberra, ACT 2601

## Licence details

Licence service	Maritime Coast
Licence subservice	Limited Coast Assigned System
Licence number	1931477/1
Callsign	VJJ307
Date of issue	30/06/2019
Date of effect	30/06/2019
Date of expiry	26/06/2024

## 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.: 1931477/1**

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	48187
Site address	Nobbys Signal Station, NEWCASTLE NSW 2300
Co-ordinates (GDA94)	Latitude: -32.918395 Longitude: 151.798236

Transmitter details	
Assigned frequency	162.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000512606
Transmitter power	12.50 W
EIRP	21.00 W
Emission designator	25K0F2D

Antenna details	
Antenna ID	70070
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	45
Antenna type	Dipole-D

Receiver details	
Assigned frequency	162.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000512609
Transmitter power	N/A
EIRP	N/A
Emission designator	25K0F2D

Antenna details	
Antenna ID	70070
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	45
Antenna type	Dipole-D

### Special Conditions applying to Station 1

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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.

## 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.

### Supplementary Station Site

### Station 2:

Site details	
Site ID	138102
Site address	Port of Newcastle Entrance Buoy, 850 Metres NE of Nobbys Signal Station, NEWCASTLE NSW 2300
Co-ordinates (GDA94)	Latitude: -32.913600 Longitude: 151.805199

Transmitter details	
Assigned frequency	162.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000512604
Transmitter power	12.50 W
EIRP	21.00 W
Emission designator	25K0F2D

Antenna details	
Antenna ID	13426
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	7
Antenna type	Dipole-D

Receiver details	
Assigned frequency	162.025000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000512605
Transmitter power	N/A
EIRP	N/A
Emission designator	25K0F2D

Antenna details	
Antenna ID	13426
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	7
Antenna type	Dipole-D

## Special Conditions applying to Station 2

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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.