

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

|                  |  |
|------------------|--|
| Customer ID      | 46975  |
| Licensee         | Department of Defence  |
| Trading name     | Director Defence Spectrum Office                                     |
| Licensee address | D DSO APW-GF-173, Anzac Park West PO Box 7953, CANBERRA BC, ACT 2610 |

## Licence details

|                    |                               |
|--------------------|-------------------------------|
| Licence service    | Maritime Ship                 |
| Licence subservice | Ship Station Class C Assigned |
| Licence number     | 99934/1                       |
| Callsign           | VLRQ                          |
| Ship name          |                               |
| Date of issue      | 13/09/2023                    |
| Date of effect     | 11/09/2023                    |
| Date of expiry     | 19/09/2024                    |

## 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)

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.: 99934/1**

Conditions applicable to the operation of Ship Station(s) Class C Assigned authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Maritime Ship 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.

### Station 1:

#### Area wide details:

|           |            |
|-----------|------------|
| Area ID   | 14         |
| Area name | World-wide |

#### Transmitter details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.016000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125186   |
| Transmitter power   | 1.00 kW      |
| EIRP                |              |
| Emission designator | 6K00B9W      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

#### Receiver details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.016000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125187   |
| Transmitter power   | N/A          |
| EIRP                | N/A          |
| Emission designator | 6K00B9W      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

### Special Conditions applying to Station 1

Carrier Frequency : 2.016 MHz

## 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.

### Station 2:

#### Area wide details:

|           |            |
|-----------|------------|
| Area ID   | 14         |
| Area name | World-wide |

#### Transmitter details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.017000 MHz |
| Bandwidth           | 1.2400 kHz   |
| Freq. assign. ID    | 0001125188   |
| Transmitter power   | 1.00 kW      |
| EIRP                |              |
| Emission designator | 1K24F1B      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

#### Receiver details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.017000 MHz |
| Bandwidth           | 1.2400 kHz   |
| Freq. assign. ID    | 0001125189   |
| Transmitter power   | N/A          |
| EIRP                | N/A          |
| Emission designator | 1K24F1B      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

### Special Conditions applying to Station 2

Carrier Frequency : 2.017 MHz

## 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.

### Station 3:

#### Area wide details:

|           |            |
|-----------|------------|
| Area ID   | 14         |
| Area name | World-wide |

#### Transmitter details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.017500 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125190   |
| Transmitter power   | 1.00 kW      |
| EIRP                |              |
| Emission designator | 6K00B9W      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

#### Receiver details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.017500 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125191   |
| Transmitter power   | N/A          |
| EIRP                | N/A          |
| Emission designator | 6K00B9W      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

### Special Conditions applying to Station 3

Carrier Frequency : 2.0175 MHz

## 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.

### Station 4:

#### Area wide details:

|           |            |
|-----------|------------|
| Area ID   | 14         |
| Area name | World-wide |

#### Transmitter details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.044000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125192   |
| Transmitter power   | 1.00 kW      |
| EIRP                |              |
| Emission designator | 6K00B7D      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

#### Receiver details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.044000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125193   |
| Transmitter power   | N/A          |
| EIRP                | N/A          |
| Emission designator | 6K00B7D      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

### Special Conditions applying to Station 4

Carrier Frequency : 2.044 MHz

## 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.

### Station 5:

#### Area wide details:

|           |            |
|-----------|------------|
| Area ID   | 14         |
| Area name | World-wide |

#### Transmitter details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.069000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125194   |
| Transmitter power   | 1.00 kW      |
| EIRP                |              |
| Emission designator | 6K00B7D      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

#### Receiver details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.069000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125195   |
| Transmitter power   | N/A          |
| EIRP                | N/A          |
| Emission designator | 6K00B7D      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

### Special Conditions applying to Station 5

Carrier Frequency : 2.069 MHz

## 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.

### Station 6:

#### Area wide details:

|           |            |
|-----------|------------|
| Area ID   | 14         |
| Area name | World-wide |

#### Transmitter details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.169400 MHz |
| Bandwidth           | 3.0000 kHz   |
| Freq. assign. ID    | 0001125196   |
| Transmitter power   | 1.00 kW      |
| EIRP                |              |
| Emission designator | 2K80J3E      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

#### Receiver details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.169400 MHz |
| Bandwidth           | 3.0000 kHz   |
| Freq. assign. ID    | 0001125197   |
| Transmitter power   | N/A          |
| EIRP                | N/A          |
| Emission designator | 2K80J3E      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

### Special Conditions applying to Station 6

Carrier Frequency : 2.168 MHz

## 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.

### Station 7:

#### Area wide details:

|           |            |
|-----------|------------|
| Area ID   | 14         |
| Area name | World-wide |

#### Transmitter details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.080000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125198   |
| Transmitter power   | 1.00 kW      |
| EIRP                |              |
| Emission designator | 6K00B9W      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

#### Receiver details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.080000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125199   |
| Transmitter power   | N/A          |
| EIRP                | N/A          |
| Emission designator | 6K00B9W      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

### Special Conditions applying to Station 7

Carrier Frequency : 2.080 MHz

## 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.

### Station 8:

#### Area wide details:

|           |            |
|-----------|------------|
| Area ID   | 14         |
| Area name | World-wide |

#### Transmitter details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.252000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125200   |
| Transmitter power   | 1.00 kW      |
| EIRP                |              |
| Emission designator | 6K00B9W      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

#### Receiver details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.252000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125201   |
| Transmitter power   | N/A          |
| EIRP                | N/A          |
| Emission designator | 6K00B9W      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

### Special Conditions applying to Station 8

Carrier Frequency : 2.252 MHz

## 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.

### Station 9:

#### Area wide details:

|           |            |
|-----------|------------|
| Area ID   | 14         |
| Area name | World-wide |

#### Transmitter details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.196000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125202   |
| Transmitter power   | 1.00 kW      |
| EIRP                |              |
| Emission designator | 6K00B9W      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

#### Receiver details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.196000 MHz |
| Bandwidth           | 6.0000 kHz   |
| Freq. assign. ID    | 0001125203   |
| Transmitter power   | N/A          |
| EIRP                | N/A          |
| Emission designator | 6K00B9W      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

### Special Conditions applying to Station 9

Carrier Frequency : 2.196 MHz

## 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.

### Station 10:

#### Area wide details:

|           |            |
|-----------|------------|
| Area ID   | 14         |
| Area name | World-wide |

#### Transmitter details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.206500 MHz |
| Bandwidth           | 1.2400 kHz   |
| Freq. assign. ID    | 0001125204   |
| Transmitter power   | 1.00 kW      |
| EIRP                |              |
| Emission designator | 1K24F1B      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

#### Receiver details

|                     |              |
|---------------------|--------------|
| Assigned frequency  | 2.206500 MHz |
| Bandwidth           | 1.2400 kHz   |
| Freq. assign. ID    | 0001125205   |
| Transmitter power   | N/A          |
| EIRP                | N/A          |
| Emission designator | 1K24F1B      |

#### Antenna details

|                      |   |
|----------------------|---|
| Antenna ID           | 1   |
| Antenna polarisation |   |
| Antenna azimuth      |   |
| Antenna height (m)   | 0   |
| Antenna type         | Unknown antenna type, size or specifications- |

### Special Conditions applying to Station 10

Carrier Frequency : 2.2065 MHz