

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

|                  |  |
|------------------|--|
| Customer ID      | 20038103                                   |
| Licensee         | Nova Systems Consulting PTY LTD            |
| Trading name     | Nova Systems                               |
| Licensee address | 27-31 LONDON ROAD, MILE END SOUTH, SA 5031 |

## Licence details

|                    |               |
|--------------------|---------------|
| Licence service    | Earth Receive |
| Licence subservice | Earth Receive |
| Licence number     | 12332692/1    |
| Date of issue      | 14/03/2024    |
| Date of effect     | 14/03/2024    |
| Date of expiry     | 22/11/2024    |

## 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.: 12332692/1**

Conditions applicable to the operation of Earth Receive station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination. Copies of this determination 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:

#### Sited details

|                      |   |
|----------------------|---|
| Site ID              | 10017582  |
| Site address         | Tyvak Cobham 3700, 112 Cotton Road, Peterborough SA             |
| Co-ordinates (GDA94) | Latitude: -32.961626                      Longitude: 138.849178 |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.25000000 GHz |
| Bandwidth           | 2.800000 MHz   |
| Freq. assign. ID    | 0004392770     |
| Emission designator | 2M80G1D        |

#### Antenna details

|                      |                                    |
|----------------------|------------------------------------|
| Antenna ID           | 93237                              |
| Antenna polarisation | CR - Right-hand circular or direct |
| Antenna azimuth      |                                    |
| Antenna height (m)   | 2                                  |
| Antenna type         | Parabolic High Performance         |

## **Advisory Notes applying to Station 1**

The Master International Frequency Register (MIFR) is maintained by the International Telecommunication Union (ITU) in accordance with the Radio Regulations.

Coordination agreements reached as a result of an ITU international frequency coordination process are intended to minimise the potential for harmful interference to radiocommunications stations. A radiocommunications station operated prior to a frequency assignment being recorded in the MIFR cannot necessarily claim protection from harmful interference from radiocommunications stations of other countries.

This service may accept calculated interference levels of -196 dBW/Hz or lower within its operating frequency range (2248.6-2251.4 MHz) from the out of band emission by NBN Co services operating with 50.6 MHz channel edge guard band under 2.3 GHz spectrum licence (licence number: 9448619) at a nearby site (ACMA site: ID 9022483).

This earth station antenna has a minimum elevation angle of 10 degrees and an azimuth angle range of 0-360 degrees.

## **Special Conditions applying to Station 1**

Transmissions must not occur in circumstances that result in harmful interference to stations outside of Australia where these stations are operating in accordance with the Radio Regulations of the ITU except where the transmissions are in accordance with any agreements reached as a result of an ITU international frequency coordination process.

Prior to the frequency assignments being recorded in the Master International Frequency Register (MIFR), this earth station may operate in accordance with the operating parameters published by the ITU in Special Sections of International Frequency Information Circulars and in accordance with any agreements reached as a result of an ITU frequency coordination process.

The licensee shall advise the ACMA of changes to the point of contact provided for the purpose of tracing any suspected cases of interference.

This earth station is authorised to communicate with space station(s) of the TYVAK-0262 satellite network as published by the International Telecommunication Union (ITU) in Special Section API/A 13246 of International Frequency Information Circular 2992.

This earth station is only authorised to communicate with space station(s) if the power flux density of the transmission from the space station(s) at the Earth's surface does not exceed the limits given in Article 21.16 of the ITU Radio Regulations.

No protection to the operation of this earth station receiver may be claimed from interference from television outside broadcast services operating in accordance with Radiocommunications Assignment and Licensing Instruction FX 21, nor from aeronautical telemetry systems.