

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
Licence subservice	Fixed Earth
Licence number	11313378/1
Date of issue	30/10/2023
Date of effect	27/10/2023
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

ACMA website: 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.: 11313378/1

Conditions applicable to the operation of Fixed Earth 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).

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:

Site details	
Site ID	10017582
Site address	Tyvak Cobham 3700, 112 Cotton Road, Peterborough SA
Co-ordinates (GDA94)	Latitude: -32.961626 Longitude 138.849178
Transmitter details	
Assigned frequency	2.06700000 GHz
Bandwidth	157.0000 kHz
Freq. assign. ID	0003248185
Transmitter power	14.50 W
EIRP	25.12 kW
Emission designator	157KG1DXX
Antenna details	
Antenna ID	93236
Antenna polarisation	M - Mixed
Antenna azimuth	
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.

The 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

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

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.

Upon receipt of a report of harmful interference under International Telecommunication Union Radio Regulation No. 11.42 all necessary steps shall be taken immediately eliminate the harmful interference or cease operation.

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.

The licence is on the condition that no interference is caused to television outside broadcast services and that operations are to cease on being advised of interference to television outside broadcast services.

The antenna of the earth station authorised by this licence shall not be employed for transmission at elevation angles of less than 10 Degrees measured from the horizontal plane to the direction of maximum radiation. The azimuth angle range is 0-360 degrees.

This earth station is authorised to communicate with space station(s) of the TYVAK-0130 satellite network as published by the International Telecommunication Union (ITU) in Special Section API/A/12433 of International Frequency Information Circular 2909.

Earth stations are monitored 24/7 remotely from Nova's Canberra Office for the band 2010 to 2110 MHz. Turn off be achieved within 3 hours of interference being reported for any frequency range in the band 2010 to 2110 MHz.