

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	471482
Licensee	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
Trading name	CSIRO
Licensee address	GPO Box 1035, TUGGERANONG, ACT 2901

Licence details

Licence service	Earth
Licence subservice	Fixed Earth
Licence number	11327486/1
Date of issue	01/08/2023
Date of effect	01/08/2023
Date of expiry	30/09/2024

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

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.: 11327486/1

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	133346
Site address	DSS 34 34m Antenna, NASA Deep Space Network, TIDBINBILLA ACT 2620
Co-ordinates (GDA94)	Latitude: -35.398335 Longitude 148.981942

Transmitter details

Assigned frequency	34.45000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0003263955
Transmitter power	1.00 kW
EIRP	79,400.00 MW
Emission designator	500MG1D

Antenna details

Antenna ID	94079
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna type	Parabolic

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

Operation of this earth station must be in accordance with frequency assignments recorded in the Master International Frequency Register (MIFR) of the International Telecommunication Union.

No harmful interference shall be caused to radiocommunications stations operating in accordance with the provisions of the Constitution, the Convention and the Radio Regulations of the International Telecommunication Union.

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 stations. Before first commencing communications between each space station and the earth station, the licensee must inform the ACMA of the International Telecommunication Union identity of the space station.