

# 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	446317/4
Callsign	AX211
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](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*.

### **Special Conditions applying to licence no.: 446317/4**

The operation of Radiocommunications devices under this licence must be in accordance with:, the Australian Radiofrequency Spectrum Plan, as in effect from time to time; and, the relevant provisions of Article s21 of the Radiocommunications Regulations of the International Telecommunications Union.

### **Advisory Notes applying to licence no.: 446317/4**

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](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:

#### Site details

Site ID	11552		
Site address	DSS 43 70m Antenna, NASA Deep Space Network, TIDBINBILLA ACT 2620		
Co-ordinates (GDA94)	Latitude: -35.4025	Longitude 148.981384	

#### Transmitter details

Assigned frequency	2.07250000 GHz
Bandwidth	95.000000 MHz
Freq. assign. ID	0001111951
Transmitter power	100.00 kW
EIRP	214,000.00 MW
Emission designator	95M0G2D

#### Antenna details

Antenna ID	13048
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna type	Parabolic-P

### Advisory Notes applying to Station 1

This licence authorises communications with multiple space stations. The licensee must notify the ACMA of the International Telecommunication Union identity of the space stations that it intends to communicate with this licence.

### 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.

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.

The operation of Radiocommunications devices under this licence must be in accordance with: the Australian Radiofrequency Spectrum Plan, as in effect from time to time; and, the relevant provisions of Article s21 of the Radio Regulations of the International Telecommunications Union.

### Station 2:

#### Site details

Site ID	11552		
Site address	DSS 43 70m Antenna, NASA Deep Space Network, TIDBINBILLA ACT 2620		
Co-ordinates (GDA94)	Latitude: -35.4025	Longitude 148.981384	

<b>Transmitter details</b>	
Assigned frequency	7.19000000 GHz
Bandwidth	90.000000 MHz
Freq. assign. ID	0001111952
Transmitter power	80.00 kW
EIRP	2,060,000.00 MW
Emission designator	90M0G2D
<b>Antenna details</b>	
Antenna ID	13049
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna type	Parabolic-P

### Advisory Notes applying to Station 2

This licence authorises communications with multiple space stations. The licensee must notify the ACMA of the International Telecommunication Union identity of the space stations that it intends to communicate with this licence.

### Special Conditions applying to Station 2

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.

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

The operation of Radiocommunications devices under this licence must be in accordance with:, the Australian Radiofrequency Spectrum Plan, as in effect from time to time; and, the relevant provisions of Article s21 of the Radio Regulations of the International Telecommunications Union.