

# 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	11390737/1
Date of issue	01/11/2021
Date of effect	01/11/2021
Date of expiry	31/10/2026

## 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.: 11390737/1**

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](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	10027612		
Site address	ESA Deep Space Earth Station, Great Northern Hwy 9 km SSW of, NEW NORCIA WA		
Co-ordinates (GDA94)	Latitude: -31.052128	Longitude	116.192223

#### Transmitter details

Assigned frequency	435.000000 MHz
Bandwidth	6.000000 MHz
Freq. assign. ID	0003334635
Transmitter power	605 mW
EIRP	100.00 W
Emission designator	6M00XXX

#### Antenna details

Antenna ID	94185
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna type	Array

### 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.

The earth station antenna has a minimum elevation angle of 9 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.

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 protection will be afforded from interference caused by services operated by the Australian Defence Force and the Department of Defence.

The licence is on the condition that no interference is caused to services operated by the Australian Defence Force and the Department of Defence and that operations are to cease on being advised of interference to services operated by the Australian Defence Force and the Department of Defence.

No protection will be afforded from interference caused by radiolocation and amateur services operating in the 432-438 MHz frequency range.

This licence authorises communications with BIOMASS.

The licence is on the condition that no interference is caused to radiolocation and amateur services operating in the 432-438 MHz frequency range and that operations are to cease on being advised of interference to these services.