Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority

Australian Government | acma

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 Receive
Licence subservice	Earth Receive
Licence number	1140196/2
Date of issue	29/01/2024
Date of effect	29/01/2024
Date of expiry	01/02/2025

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.*

Special Conditions applying to licence no.: 1140196/2

This Earth station is authorised to communicate with space stations of the CLUSTER 1-5 satellite network as published by the International Telecommunication Union in Special Section AR11/A/1135 of International Frequency Information Circular 2510.

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

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 International Telecommunicatio Union except where the transmissions are in accordance with any agreements reached as a result of an ITU international frequency coordination process.

Advisory Notes applying to licence no.: 1140196/2

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).

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 minimize 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 other Radiocommunications stations.

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	131922
Site address	ESA Deep Space Earth Station, Great Northern Hwy 9 km SSW of, NEW NORCIA WA 6506
Co-ordinates (GDA94)	Latitude: -31.048236 Longitude: 116.191514

Receiver details	
Assigned frequency	2.27700000 GHz
Bandwidth	6.000000 MHz
Freq. assign. ID	0000509369
Emission designator	6M00G1DCN
Antenna details	
Antenna ID	20075
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	23
Antenna type	Parabolic-P

Advisory Notes applying to Station 1

This frequency band is currently under review to accommodate changes in technology. This review may lead to a requirement to change frequency or to cease transmission.