

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

|                  |                                                            |
|------------------|------------------------------------------------------------|
| Customer ID      | 1144140                                                    |
| Licensee         | Preparatory Commission for the CTBTO                       |
| Licensee address | CTBTO Attn: Jennifer A. Manner, Germantown, Maryland 20876 |

## Licence details

|                    |               |
|--------------------|---------------|
| Licence service    | Earth Receive |
| Licence subservice | Earth Receive |
| Licence number     | 1194565/2     |
| Date of issue      | 15/08/2023    |
| Date of effect     | 15/08/2023    |
| Date of expiry     | 24/09/2024    |

## 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.: 1194565/2**

(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.

## **Advisory Notes applying to licence no.: 1194565/2**

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](http://www.acma.gov.au)).

(3) For interference coordination purposes it is assumed that the receiver authorised by this licence is fitted with a filter having a minimum attenuation of 15 decibels for frequencies below 3670 MHz. (4) Earth station receivers are susceptible to interference from radiocommunications services using in-band or adjacent band frequencies. The level of this susceptibility is such that Earth station receivers can cause unacceptable amounts of denial of spectrum for other radiocommunications particularly in areas of high spectrum demand. As a result the ACMA is developing a policy intended to address this issue which may result in a requirement for Earth station receivers to be located sufficiently distant from areas of high spectrum demand if protection from interference is required.

(1) The Master International Frequency Register (MIFR) is maintained by the International Telecommunication Union (ITU) in accordance with the Radio Regulations. (2) This licence authorises communications with NSS-19 183E (NSS-9).

## 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              | 131765                                                                               |            |            |
| Site address         | Geoscience Australia, Cnr Jerrabomberra Avenue & Hindmarsh Drive, SYMONSTON ACT 2609 |            |            |
| Co-ordinates (GDA94) | Latitude: -35.343731                                                                 | Longitude: | 149.158392 |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 4.12507300 GHz |
| Bandwidth           | 324.0000 kHz   |
| Freq. assign. ID    | 0001067338     |
| Emission designator | 324KG1DDT      |

#### Antenna details

|                      |                                     |
|----------------------|-------------------------------------|
| Antenna ID           | 13085                               |
| Antenna polarisation | CL - Left-hand circular or indirect |
| Antenna azimuth      | 49                                  |
| Antenna height (m)   | 30                                  |
| Antenna type         | Parabolic-P                         |