Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority

Australian Government | acma

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
Licence subservice	Fixed Earth
Licence number	1194127/2
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

ACMA website: www.acma.gov.au

Special Conditions applying to licence no.: 1194127/2

(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.: 1194127/2

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).

(3) Earth station transmitters are capable of causing unacceptable interference to other radiocommunications services. The level of this interference potential is such that Earth station transmitters 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 transmitters to be located sufficiently distant from areas of high spectrum demand to reduce their impact on spectrum availability.

(1) The Master International Frequency Register (MIFR) is maintained by the International Telecommunication Unio (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:

Site details	
Site ID	131765
Site address	Geoscience Australia, Cnr Jerrabomberra Avenue & Hindmarsh Drive, SYMONSTON A
Co-ordinates (GDA94)	Latitude: -35.343731 Longitude 149.158392

Station 1:

Satellite details	
ACMA satellite ID	NSS-9
Satellite name	NSS-19
Orbital longitude	183
Transmitter details	
Assigned frequency	6.34160000 GHz
Bandwidth	100.0000 kHz
Freq. assign. ID	0001067293
Transmitter power	2.00 W
EIRP	29.92 kW
Emission designator	100KG1DDT
Antenna details	
Antenna ID	13084
Antenna polarisation	CL - Left-hand circular or indirect
Antenna azimuth	49
Antenna type	Parabolic-P

Station 2:

Site details	
Site ID	131765
Site address	Geoscience Australia, Cnr Jerrabomberra Avenue & Hindmarsh Drive, SYMONSTON A
Co-ordinates (GDA94)	Latitude: -35.343731 Longitude 149.158392

Station 2:

Satellite details	
ACMA satellite ID	NSS-9
Satellite name	NSS-19
Orbital longitude	183

Transmitter details	
Assigned frequency	6.34150000 GHz
Bandwidth	100.0000 kHz
Freq. assign. ID	0001067294
Transmitter power	2.00 W
EIRP	29.92 kW
Emission designator	100KG1DDT
Antenna details	
Antenna ID	13084
Antenna polarisation	CL - Left-hand circular or indirect
Antenna azimuth	49
Antenna type	Parabolic-P

Station 3:

Site details	
Site ID	131765
Site address	Geoscience Australia, Cnr Jerrabomberra Avenue & Hindmarsh Drive, SYMONSTON A
Co-ordinates (GDA94)	Latitude: -35.343731 Longitude 149.158392

Station 3:

Satellite details	
ACMA satellite ID	NSS-9
Satellite name	NSS-19
Orbital longitude	183

Transmitter details	
Assigned frequency	6.34960000 GHz
Bandwidth	100.0000 kHz
Freq. assign. ID	0001067295
Transmitter power	2.00 W
EIRP	29.92 kW
Emission designator	100KG1DDT
Antenna details	
Antenna ID	13084
Antenna polarisation	CL - Left-hand circular or indirect
Antenna azimuth	49
Antenna type	Parabolic-P