

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	20048040
Licensee	Mobile Satellite Services Australia Pty Ltd
Trading name	Mobile Satellite Services Australia Pty Ltd
Licensee address	15 Coolaroo Road, LANE COVE NORTH, NSW 2066

## Licence details

Licence service	Space
Licence subservice	Space
Licence number	1137160/4
Date of issue	09/10/2023
Date of effect	09/10/2023
Date of expiry	11/11/2024

## 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.: 1137160/4**

Earth station transmitters on land associated with this space station must not be operated within 70 kilometres distance from the Murchison Radioastronomy Observatory without the approval of the entity responsible for operating the Murchison Radioastronomy Observatory.

Upon receipt of a report of harmful interference under International Telecommunication Union Radio Regulation No. 11.42 all necessary steps shall be taken immediately eliminate the harmful interference or cease operation.

1. This licence authorises transmissions to Australia from Globalstar satellites where the satellites are being operated in accordance with: a) the coordination agreement recorded by the International Telecommunication Union as a result of the international frequency coordination process initiated by the Federal Communications Commission of the United States of America, as in effect from time to time; and b) relevant licences, orders and authorisations made by the Federal Communications Commission of the United States of America, as in effect from time to time.

2. The Licensee must not cause harmful interference to Australian Radio Astronomy Services.

This licence authorises communications with HIBLEO-4.

### **Advisory Notes applying to licence no.: 1137160/4**

Conditions applicable to the operation of Space 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)).

The ATNF is made up of the following radio astronomy observatories: a) Parkes Observatory, Parkes, (Latitude 32 degrees 59 minutes 59.8657 seconds South, Longitude 148 degrees 15 minutes 44.3591 seconds East); b) Paul Wilkes Observatory, Narrabri, (Latitude 30 degrees 59 minutes 52.048 seconds South, Longitude 149 degrees 32 minutes 56.327 seconds East); c) Mopra Observatory, Coonabarabran, (Latitude 31 degrees 16 minutes 4.451 seconds South, Longitude 149 degrees 5 minutes 58.732 seconds East); d) Mt Pleasant Observatory, Hobart (Latitude 42 degrees 48 minutes 12.9207 seconds South, Longitude 147 degrees 26 minutes 25.854 seconds East). The Canberra Deep Space Communications Complex is located at Latitude 35 degrees 23 minutes 54 seconds South, Longitude 148 degrees 58 minutes 40 seconds East.

## 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:

#### Area wide details

Area ID	1
Area name	Australia-wide

#### Transmitter details

Assigned frequency	2.49177000 GHz
Bandwidth	16.260000 MHz
Freq. assign. ID	0000509038
Transmitter power	245.00 W
EIRP	245.00 W
Emission designator	1M23M1EEC

#### Antenna details

Antenna ID	1
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna type	Unknown antenna type, size or specifications-

### 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.

This licence does not authorise operation of earth stations outside of Australia.

### Special Conditions applying to Station 1

Operation of this space station and associated earth stations must be in accordance with frequency assignments recorded in the Master International Frequency Register 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.