

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 Receive
Licence subservice	Space Receive
Licence number	1137161/2
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

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.: 1137161/2

2. The Licensee shall prevent Globalstar user terminals from causing harmful interference to radio astronomy observations made by the Australia Telescope National Facility (ATNF), or the Canberra Deep Space Communications Complex (CDSCC), or the Observatories operated by the University of Tasmania (UT), in the hydroxyl frequency band of 1610.6-1613.8 MHz. Without affecting the generality of this condition, the Licensee shall
- a) liaise with the ATNF, the CDSCC and UT, to ascertain when hydroxyl band observations are to take place at ATNF observatories, or the CDSCC, or the Observatories operated by UT; and b) use geolocation techniques to identify Iridium user terminals within 20 kilometres of an ATNF observatory, or the CDSCC, or the Observatories operated by UT, undertaking radio astronomy observations in the hydroxyl band; and c) prevent those Iridium user terminals from transmitting.
3. This condition does not apply to the use of Iridium user terminals for emergency purposes when either the global emergency services number (112) or the Australian emergency services number (000) is dialled by the user.
1. The Licensee must not cause harmful interference to Australian Radio Astronomy Services.

Advisory Notes applying to licence no.: 1137161/2

Conditions applicable to the operation of Space 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 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 Wi 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). 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. The Observatories operated by the University of Tasmania are located at Mt Pleasant, Hobart (Latitude 42 degrees 48 minutes 12.9207 seconds South, Longitude 147 degrees 26 minutes 25.854 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

Receiver details

Assigned frequency	1.61559300 GHz
Bandwidth	11.185000 MHz
Freq. assign. ID	0000509039
Emission designator	1M23M1EEC

Antenna details

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