

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	1148500
Licensee	INMARSAT SOLUTIONS B.V. (Aerospace)
Licensee address	PO Box 1115, WANGARA DC, WA 6947

Licence details

Licence service	Earth
Licence subservice	Fixed Earth
Licence number	11633398/1
Date of issue	12/03/2024
Date of effect	12/03/2024
Date of expiry	27/03/2025

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*.

Advisory Notes applying to licence no.: 11633398/1

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).

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	10029033
Site address	I6-L 2.4m Antenna, 620 Gnangara Road, Landsdale WA
Co-ordinates (GDA94)	Latitude: -31.80448 Longitude 115.88741
Transmitter details	
Assigned frequency	1.63600000 GHz
Bandwidth	19.000000 MHz
Freq. assign. ID	0003593897
Transmitter power	80.00 W
EIRP	18.54 kW
Emission designator	200KG7W
Antenna details	
Antenna ID	94397
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	310
Antenna type	Parabolic Dual Band

Advisory Notes applying to Station 1

Coordination agreements reached as a result of an ITU international frequency coordination process are intended to minimise 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 radiocommunications stations of other countries.

The Master International Frequency Register (MIFR) is maintained by the International Telecommunication Union (ITU) in accordance with the Radio Regulations.

The service under this licence is for the testing of distress and safety communications service, GMDSS, and AMS (Route) service.

Special Conditions applying to Station 1

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.

The licensee shall advise the ACMA of changes to the point of contact provided for the purpose of tracing any suspected cases of interference.

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

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

The licensee must ensure that the uplink transmission of the earth station in this licence shall not exceed an Equivalent Isotropically Radiated Power Spectral Density of -9.5 dBW/Hz.

This earth station is authorised to communicate with space station(s) of the INMARSAT-6-83E5 satellite network as published by the International Telecommunication Union (ITU) in Special Section CR/C 4714 of International Frequency Information Circular 2877

The operation of this earth station shall comply with the coordination agreements between Inmarsat and other satellite operators in relation to the INMARSAT-6-83E5 satellite network. The licence is granted on the condition that no interference is caused to distress and safety communications service, GMDSS, and AMS (Route) service, and that all INMARSAT-6-83E5 satellite network communications are terminated upon notification of interference to distress and safety communications service, GMDSS, and AMS (Route) service. Accordingly, no protection can be claimed by the INMARSAT-6-83E5 satellite network from distress and safety communications service, GMDSS, and AMS (Route) service.