

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	46975
Licensee	Department of Defence
Trading name	Director Defence Spectrum Office
Licensee address	D DSO APW-GF-173, Anzac Park West PO Box 7953, CANBERRA BC, ACT 2610

Licence details

Licence service	Earth Receive
Licence subservice	Earth Receive
Licence number	1905231/1
Callsign	AX712
Date of issue	11/09/2023
Date of effect	11/09/2023
Date of expiry	19/09/2024

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

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.: 1905231/1

- (3) This station is not afforded protection from Licence Number 1205842 operating on frequency 7487.5 MHz from Site Id 9580.
- (7) This station is not afforded protection from Licence Number 1568495 operating on frequency 7732.875 MHz from Site Id 130831.
- (6) This station is not afforded protection from Licence Number 1210824 operating on frequency 7524.25 MHz from Site Id 9636.
- (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.
- (2) This station is not afforded protection from Licence Number 90666 operating on frequency 7487.5 MHz from Site Id 9636.
- (8) This station is not afforded protection from Licence Number 1568496 operating on frequency 7762.525 MHz from Site Id 130831.
- (4) This station is not afforded protection from Licence Number 1206037 operating on frequency 7512.0 MHz from Site Id 9580.
- (5) This station is not afforded protection from Licence Number 520729 operating on frequency 7515.5 MHz from Site Id 9636.

Advisory Notes applying to licence no.: 1905231/1

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).

- (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 WGS F1.
- (3) The typical operating bandwidth of this service is 60 MHz anywhere within the licensed bandwidth of 375 MHz.
- (4) Permanent siting arrangements for this Earth station are under discussion between the ACMA and the Department of Defence. The issue of this licence does not mean that an assigned frequency or any other frequency will be available to the licensee at this site beyond the expiry date of the licence.
- (5) The level of protection from interference which is afforded to the receiver specified on this licence is -217 dBW/Hz determined utilising the propagation model in ITU-R Recommendation P526-10.

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	9579		
Site address	4.5 Metre Earth Station, HMAS Harman, HARMAN ACT 2620		
Co-ordinates (GDA94)	Latitude: -35.35233	Longitude:	149.200736

Receiver details

Assigned frequency	7.56250000 GHz
Bandwidth	375.000000 MHz
Freq. assign. ID	0001114367
Emission designator	375MG7D

Antenna details

Antenna ID	13411
Antenna polarisation	CL - Left-hand circular or indirect
Antenna azimuth	40
Antenna height (m)	10
Antenna type	Parabolic-P

Advisory Notes applying to Station 1

Typical operation of this service utilises a 60 MHz bandwidth.