Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority

Australian Government | acma

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
Licence subservice	Fixed Earth
Licence number	1905230/1
Callsign	AX709
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.: 1905230/1

(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.: 1905230/1

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).

(5) 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.

4. Permanent siting arrangements for this Earth station are under discussion between the ACMA and the Departmen 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.

(6) 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 impac 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 WGS F1. (3) Th typical operating bandwidth of this service is 60 MHz anywhere within the licensed bandwidth of 375 MHz.

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

Transmitter details	
Assigned frequency	8.21250000 GHz
Bandwidth	375.000000 MHz
Freq. assign. ID	0001114366
Transmitter power	400.00 W
EIRP	
Emission designator	375MG7D
Antenna details	
Antenna ID	13411
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	40
Antenna type	Parabolic-P

Advisory Notes applying to Station 1

Typical operation of this service utilises a 60 MHz bandwidth.