

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	1137040/1
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*.

Advisory Notes applying to licence no.: 1137040/1

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).

The maximum level of interference, received at the output of the Earth station antenna (from an individual interferer), is not to exceed -157 dBW/MHz. The level of interference is to be determined using the diffraction based propagation model specified in ITU-R Recommendation P.526-9.

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	39232
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.348168 Longitude: 149.20147
Receiver details	
Assigned frequency	7.29600000 GHz
Bandwidth	60.000000 MHz
Freq. assign. ID	0001130343
Emission designator	60M0G7W
Antenna details	
Antenna ID	70010
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	12
Antenna height (m)	10
Antenna type	Parabolic-P

Station 2:

Sited details	
Site ID	39232
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.348168 Longitude: 149.20147
Receiver details	
Assigned frequency	7.37600000 GHz
Bandwidth	60.000000 MHz
Freq. assign. ID	0001130344
Emission designator	60M0G7W
Antenna details	
Antenna ID	70010
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	12
Antenna height (m)	10
Antenna type	Parabolic-P

Station 3:

Sited details

Site ID	39232		
Site address	HMAS Harman, BONSHAW ACT 2600		
Co-ordinates (GDA94)	Latitude: -35.348168	Longitude:	149.20147

Receiver details

Assigned frequency	7.52000000 GHz
Bandwidth	60.000000 MHz
Freq. assign. ID	0001130345
Emission designator	60M0G7W

Antenna details

Antenna ID	70010
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	12
Antenna height (m)	10
Antenna type	Parabolic-P

Station 4:**Sited details**

Site ID	39232		
Site address	HMAS Harman, BONSHAW ACT 2600		
Co-ordinates (GDA94)	Latitude: -35.348168	Longitude:	149.20147

Receiver details

Assigned frequency	7.60000000 GHz
Bandwidth	60.000000 MHz
Freq. assign. ID	0001130346
Emission designator	60M0G7W

Antenna details

Antenna ID	70010
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	12
Antenna height (m)	10
Antenna type	Parabolic-P

Station 5:**Sited details**

Site ID	39232		
Site address	HMAS Harman, BONSHAW ACT 2600		
Co-ordinates (GDA94)	Latitude: -35.348168	Longitude:	149.20147

<u>Receiver details</u>	
Assigned frequency	7.74980000 GHz
Bandwidth	4.0000 kHz
Freq. assign. ID	0001130347
Emission designator	4K00N0N
<u>Antenna details</u>	
Antenna ID	70010
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	12
Antenna height (m)	10
Antenna type	Parabolic-P