

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	Fixed Receive
Licence subservice	Fixed Receive
Licence number	99283/1
Callsign	VZD100
Date of issue	12/09/2023
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.: 99283/1

Communication under this licence is limited to stations located within Australia. Harmful interference must not be caused to the broadcasting service and the transmission must cease immediately if such interference occurs. This service must accept interference from the broadcasting service.

Advisory Notes applying to licence no.: 99283/1

Conditions applicable to the operation of Fixed Receive station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Fixed Receive Licence) Determination. Copies of these determinations 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:

Sited details

Site ID	39229		
Site address	HMAS Harman, BONSHAW ACT 2604		
Co-ordinates (GDA94)	Latitude: -35.332369	Longitude:	149.151769

Receiver details

Assigned frequency	6.210400 MHz
Bandwidth	3.0000 kHz
Freq. assign. ID	0001124704
Emission designator	2K80J3E

Antenna details

Antenna ID	1
Antenna polarisation	
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 1

Carrier Frequency : 6.209 MHz

Station 2:

Sited details

Site ID	39229		
Site address	HMAS Harman, BONSHAW ACT 2604		
Co-ordinates (GDA94)	Latitude: -35.332369	Longitude:	149.151769

Receiver details

Assigned frequency	13.117400 MHz
Bandwidth	3.0000 kHz
Freq. assign. ID	0001124705
Emission designator	2K80J3E

Antenna details

Antenna ID	1
Antenna polarisation	
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 2

Carrier Frequency : 13.116 MHz

Station 3:

Sited details

Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761

Receiver details

Assigned frequency	4.057000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001124706
Emission designator	12K0B9W

Antenna details

Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 3

Carrier Frequency : 4.057 MHz

Station 4:**Sited details**

Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761

Receiver details

Assigned frequency	3.184000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001124707
Emission designator	12K0B9W

Antenna details

Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 4

Carrier Frequency : 3.184 MHz

Station 5:**Sited details**

Site ID	39231
Site address	HMAS Harman, BONSHAW ACT 2609
Co-ordinates (GDA94)	Latitude: -35.331781 Longitude: 149.184536

Receiver details	
Assigned frequency	4.084400 MHz
Bandwidth	3.0000 kHz
Freq. assign. ID	0001124708
Emission designator	2K80J3E
Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 5

Carrier Frequency : 4.083 MHz

Station 6:

Sited details	
Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761

Receiver details	
Assigned frequency	14.962000 MHz
Bandwidth	6.0000 kHz
Freq. assign. ID	0001124709
Emission designator	6K00B9W
Antenna details	
Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Station 7:

Sited details	
Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761

<u>Receiver details</u>	
Assigned frequency	20.185000 MHz
Bandwidth	6.0000 kHz
Freq. assign. ID	0001124710
Emission designator	6K00B9W
<u>Antenna details</u>	
Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Station 8:

Sited details	
Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761
<u>Receiver details</u>	
Assigned frequency	22.960000 MHz
Bandwidth	6.0000 kHz
Freq. assign. ID	0001124711
Emission designator	6K00B9W
<u>Antenna details</u>	
Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Station 9:

Sited details	
Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761

Receiver details	
Assigned frequency	5.763500 MHz
Bandwidth	6.0000 kHz
Freq. assign. ID	0001124712
Emission designator	6K00B9W

Antenna details	
Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 9

Carrier Frequency : 5.7635 MHz

Station 10:

Sited details	
Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761

Receiver details	
Assigned frequency	7.305000 MHz
Bandwidth	6.0000 kHz
Freq. assign. ID	0001124713
Emission designator	6K00B9W

Antenna details	
Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 10

Carrier Frequency : 7.305 MHz

Station 11:

Sited details	
Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761

Receiver details	
Assigned frequency	8.077000 MHz
Bandwidth	6.0000 kHz
Freq. assign. ID	0001124714
Emission designator	6K00B9W
Antenna details	
Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 11

Carrier Frequency : 8.077 MHz

Station 12:

Sited details	
Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761

Receiver details	
Assigned frequency	10.860000 MHz
Bandwidth	6.0000 kHz
Freq. assign. ID	0001124715
Emission designator	6K00B9W
Antenna details	
Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Station 13:

Sited details	
Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761

Receiver details	
Assigned frequency	10.981000 MHz
Bandwidth	6.0000 kHz
Freq. assign. ID	0001124716
Emission designator	6K00B9W
Antenna details	
Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 13

Carrier Frequency : 10.981 MHz

Station 14:

Sited details	
Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761

Receiver details	
Assigned frequency	11.005000 MHz
Bandwidth	6.0000 kHz
Freq. assign. ID	0001124717
Emission designator	6K00B9W
Antenna details	
Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Station 15:

Sited details	
Site ID	39226
Site address	HMAS Harman, BONSHAW ACT 2600
Co-ordinates (GDA94)	Latitude: -35.34812 Longitude: 149.197761

<u>Receiver details</u>	
Assigned frequency	18.653000 MHz
Bandwidth	6.0000 kHz
Freq. assign. ID	0001124718
Emission designator	6K00B9W
<u>Antenna details</u>	
Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-