

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	20044061
Licensee	STARLINK AUSTRALIA PTY LTD
Trading name	STARLINK AUSTRALIA PTY LTD
Licensee address	C/O McBurney & Partners Level 10, 68 Pitt Street, SYDNEY, NSW 2000

Licence details

Licence service	Earth Receive
Licence subservice	Earth Receive
Licence number	12245287/1
Date of issue	03/11/2023
Date of effect	03/11/2023
Date of expiry	02/11/2028

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.: 12245287/1

No harmful interference shall be caused to radiocommunications stations operating in accordance with the provision of the Constitution, the Convention and the Radio Regulations of the International Telecommunication Union.

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

No protection to the operation of this earth station receiver may be claimed from interference from television outside broadcast services operating in accordance with Radiocommunications Assignment and Licensing Instruction FX 21 nor from aeronautical telemetry systems.

This earth station is only authorised to communicate with space station(s) if the power flux density of the transmission from the space station(s) at the Earth's surface does not exceed the limits given in Article 21.16 of the ITU Radio Regulations.

This licence authorises radiocommunications with space stations for the purpose of performing launch/transfer orbit support services and/or in-orbit testing.

This licence authorises communications with SpaceX vehicles, including, but not limited to, Falcon, Dragon and Starship

Advisory Notes applying to licence no.: 12245287/1

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).

Protection is not afforded for interference caused by radiocommunications stations operating in accordance with the provisions of the Constitution, the Convention and the Radio Regulations of the International Telecommunication Union.

This licence has been issued under an exemption from spectrum embargo 23

During operation, 4 carriers at most are being used within the licensed frequency ranges, and each carrier is with a maximum carrier bandwidth of 5 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:

Sited details	
Site ID	10036113
Site address	SpaceX Earth Station, Phosphate Hill Road, CHRISTMAS ISLAND EXT
Co-ordinates (GDA94)	Latitude: -10.432912 Longitude: 105.688361
Receiver details	
Assigned frequency	2.21100000 GHz
Bandwidth	4.880000 MHz
Freq. assign. ID	0004296637
Emission designator	4M88G1D
Antenna details	
Antenna ID	95243
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	1
Antenna type	Parabolic

Station 2:

Sited details	
Site ID	10036113
Site address	SpaceX Earth Station, Phosphate Hill Road, CHRISTMAS ISLAND EXT
Co-ordinates (GDA94)	Latitude: -10.432912 Longitude: 105.688361
Receiver details	
Assigned frequency	2.21600000 GHz
Bandwidth	4.600000 MHz
Freq. assign. ID	0004296638
Emission designator	4M60G1D
Antenna details	
Antenna ID	95243
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	1
Antenna type	Parabolic

Station 3:

Sited details

Site ID	10036113		
Site address	SpaceX Earth Station, Phosphate Hill Road, CHRISTMAS ISLAND EXT		
Co-ordinates (GDA94)	Latitude: -10.432912	Longitude:	105.688361

Receiver details

Assigned frequency	2.23250000 GHz
Bandwidth	3.900000 MHz
Freq. assign. ID	0004296639
Emission designator	3M90G1D

Antenna details

Antenna ID	95243
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	1
Antenna type	Parabolic

Station 4:**Sited details**

Site ID	10036113		
Site address	SpaceX Earth Station, Phosphate Hill Road, CHRISTMAS ISLAND EXT		
Co-ordinates (GDA94)	Latitude: -10.432912	Longitude:	105.688361

Receiver details

Assigned frequency	2.24750000 GHz
Bandwidth	4.880000 MHz
Freq. assign. ID	0004296640
Emission designator	4M88G1D

Antenna details

Antenna ID	95243
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	1
Antenna type	Parabolic

Station 5:**Sited details**

Site ID	10036113		
Site address	SpaceX Earth Station, Phosphate Hill Road, CHRISTMAS ISLAND EXT		
Co-ordinates (GDA94)	Latitude: -10.432912	Longitude:	105.688361

<u>Receiver details</u>	
Assigned frequency	2.25550000 GHz
Bandwidth	4.880000 MHz
Freq. assign. ID	0004296641
Emission designator	4M88G1D
<u>Antenna details</u>	
Antenna ID	95243
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	1
Antenna type	Parabolic

Station 6:

Sited details	
Site ID	10036113
Site address	SpaceX Earth Station, Phosphate Hill Road, CHRISTMAS ISLAND EXT
Co-ordinates (GDA94)	Latitude: -10.432912 Longitude: 105.688361
<u>Receiver details</u>	
Assigned frequency	2.27250000 GHz
Bandwidth	3.900000 MHz
Freq. assign. ID	0004296642
Emission designator	3M90G1D
<u>Antenna details</u>	
Antenna ID	95243
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	1
Antenna type	Parabolic