

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	20047138
Licensee	SOUTHERNLAUNCH.SPACE PTY LTD
Trading name	SOUTHERNLAUNCH.SPACE PTY LTD
Licensee address	242 Port Road, HINDMARSH, SA 5007

## Licence details

Licence service	Scientific
Licence subservice	Scientific Assigned
Licence number	12171606/1
Date of issue	31/08/2023
Date of effect	31/08/2023
Date of expiry	30/08/2024

## 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](mailto:info@acma.gov.au)

ACMA website: [www.acma.gov.au](http://www.acma.gov.au)

## **Advisory Notes applying to licence no.: 12171606/1**

Conditions applicable to the operation of Scientific Assigned station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Scientific Licence) Determination. Copies of these determinations are available from the ACMA and from the ACMA home page ([www.acma.gov.au](http://www.acma.gov.au)).

This licence authorises communications with Southern Launch vehicles VS02 and VS03.

## 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.

### Main Station Site

### Station 1:

#### Site details

Site ID	10025011
Site address	Southern Launch Space GS3, 94 Right Whale Road, Sleaford SA
Co-ordinates (GDA94)	Latitude: -34.934714 Longitude: 135.642407

#### Transmitter details

Assigned frequency	2.48300000 GHz
Bandwidth	1.200000 MHz
Freq. assign. ID	0004212869
Transmitter power	832 mW
EIRP	5.25 W
Emission designator	1M20G2W

#### Antenna details

Antenna ID	93914
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	
Antenna height (m)	2
Antenna type	Patch

### Advisory Notes applying to Station 1

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.

### Special Conditions applying to Station 1

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

This earth station is authorised to communicate with space stations for the purpose of performing transfer orbit support services and/or in-orbit testing

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

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

## 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.

### Main Station Site

### Station 2:

#### Site details

Site ID	10025011
Site address	Southern Launch Space GS3, 94 Right Whale Road, Sleaford SA
Co-ordinates (GDA94)	Latitude: -34.934714 Longitude: 135.642407

#### Receiver details

Assigned frequency	2.48300000 GHz
Bandwidth	1.200000 MHz
Freq. assign. ID	0004212870
Transmitter power	N/A
EIRP	N/A
Emission designator	1M20G2W

#### Antenna details

Antenna ID	93914
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	
Antenna height (m)	2
Antenna type	Patch

### Advisory Notes applying to Station 2

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.

### Special Conditions applying to Station 2

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

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

This earth station is authorised to communicate with space stations for the purpose of performing transfer orbit support services and/or in-orbit testing

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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