

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	20036362
Licensee	FLEET SPACE TECHNOLOGIES PTY LTD
Trading name	Fleet Space
Licensee address	8A Myer Court, Beverly, SA 5009

Licence details

Licence service	Scientific
Licence subservice	Scientific Assigned
Licence number	12264363/2
Date of issue	25/01/2024
Date of effect	25/01/2024
Date of expiry	16/08/2024

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

ACMA website: www.acma.gov.au

Advisory Notes applying to licence no.: 12264363/2

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).

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	131796
Site address	SPRI Building (Bld W), Mawson Lakes Boulevard, MAWSON LAKES SA 5095
Co-ordinates (GDA94)	Latitude: -34.81288148 Longitude: 138.62055007

Receiver details

Assigned frequency	2.19000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0004351213
Transmitter power	N/A
EIRP	N/A
Emission designator	125KF1D

Antenna details

Antenna ID	401
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	15
Antenna type	Parabolic-P

Advisory Notes applying to Station 1

The Master International Frequency Register (MIFR) is maintained by the International Telecommunication Union (ITU) in accordance with the Radio Regulations.

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

Special Conditions applying to Station 1

Upon receipt of a report of harmful interference under International Telecommunication Union Radio Regulation No. 11.42 all necessary steps shall be taken immediately eliminate the harmful interference or cease operation.

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

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.

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

During operation, only a single carrier of maximum 125 kHz bandwidth is to be used within the licensed frequency range.

This 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 communications with SI-SAT-KURUKURU.

No protection to the operation of this receive station may be claimed from interference from television outside broadcast services operating in accordance with Radiocommunications Assignment and Licensing Instruction FX 21.

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	55127
Site address	Edinburgh RAAF Base, EDINBURGH SA 5111
Co-ordinates (GDA94)	Latitude: -34.70927194 Longitude: 138.63648666

Receiver details

Assigned frequency	2.19000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0004317691
Transmitter power	N/A
EIRP	N/A
Emission designator	125KF1D

Antenna details

Antenna ID	95155
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	2
Antenna type	Patch

Advisory Notes applying to Station 2

The Master International Frequency Register (MIFR) is maintained by the International Telecommunication Union (ITU) in accordance with the Radio Regulations.

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

Special Conditions applying to Station 2

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

Upon receipt of a report of harmful interference under International Telecommunication Union Radio Regulation No. 11.42 all necessary steps shall be taken immediately eliminate the harmful interference or cease operation.

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

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.

No protection to the operation of this receive station may be claimed from interference from television outside broadcast services operating in accordance with Radiocommunications Assignment and Licensing Instruction FX 21.

This licence authorises communications with SI-SAT-KURUKURU.

This 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.

During operation, only a single carrier of maximum 125 kHz bandwidth is to be used within the licensed frequency range.

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 3:

Site details

Site ID	9637	
Site address	RAAF Base, FAIRBAIRN ACT 2609	
Co-ordinates (GDA94)	Latitude: -35.29923259	Longitude: 149.18434106

Receiver details

Assigned frequency	2.19000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0004317692
Transmitter power	N/A
EIRP	N/A
Emission designator	125KF1D

Antenna details

Antenna ID	95155
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	2
Antenna type	Patch

Advisory Notes applying to Station 3

The Master International Frequency Register (MIFR) is maintained by the International Telecommunication Union (ITU) in accordance with the Radio Regulations.

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

Special Conditions applying to Station 3

Upon receipt of a report of harmful interference under International Telecommunication Union Radio Regulation No. 11.42 all necessary steps shall be taken immediately eliminate the harmful interference or cease operation.

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

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.

During operation, only a single carrier of maximum 125 kHz bandwidth is to be used within the licensed frequency range.

This licence authorises communications with SI-SAT-KURUKURU.

This 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.

No protection to the operation of this receive station may be claimed from interference from television outside broadcast services operating in accordance with Radiocommunications Assignment and Licensing Instruction FX 21.

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 4:

Site details

Site ID	140438
Site address	DSTO Site, Southern End Satellite Station Group 200m to the right of Land Avenue, EDINBURGH SA 5111
Co-ordinates (GDA94)	Latitude: -34.7311508 Longitude: 138.65043191

Receiver details

Assigned frequency	2.19000000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0004317693
Transmitter power	N/A
EIRP	N/A
Emission designator	125KF1D

Antenna details

Antenna ID	95155
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	2
Antenna type	Patch

Advisory Notes applying to Station 4

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

The Master International Frequency Register (MIFR) is maintained by the International Telecommunication Union (ITU) in accordance with the Radio Regulations.

Special Conditions applying to Station 4

Upon receipt of a report of harmful interference under International Telecommunication Union Radio Regulation No. 11.42 all necessary steps shall be taken immediately eliminate the harmful interference or cease operation.

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

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.

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

During operation, only a single carrier of maximum 125 kHz bandwidth is to be used within the licensed frequency range.

No protection to the operation of this receive station may be claimed from interference from television outside broadcast services operating in accordance with Radiocommunications Assignment and Licensing Instruction FX 21.

This licence authorises communications with SI-SAT-KURUKURU.

This 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.