

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	20053839
Licensee	TELSTRA LIMITED
Trading name	Telstra - Commercial Engineering - Spectrum Strategy
Licensee address	Locked Bag 3501, BRISBANE, QLD 4001

Licence details

Licence service	Scientific
Licence subservice	Scientific Assigned
Licence number	12287064/1
Date of issue	22/12/2023
Date of effect	01/01/2024
Date of expiry	30/06/2024

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.: 12287064/1

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).

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:

Area wide details:

Area ID	1
Area name	Australia-wide

Transmitter details

Assigned frequency	816.500000 MHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0004342457
Transmitter power	200 mW
EIRP	200 mW
Emission designator	5M00G7W

Antenna details

Antenna ID	84035
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	2
Antenna type	Integral antenna, unknown specifications-X

Receiver details

Assigned frequency	861.500000 MHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0004342458
Transmitter power	N/A
EIRP	N/A
Emission designator	5M00G7W

Antenna details

Antenna ID	84035
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	2
Antenna type	Integral antenna, unknown specifications-X

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.

Coordination agreements reached as a result of an ITU international frequency coordination process are intended to minimise the potential for harmful interference to radiocommunications stations. A radiocommunications station operated prior to a frequency assignment being recorded in the MIFR cannot necessarily claim protection from harmful interference from radiocommunications stations of other countries.

Special Conditions applying to Station 1

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

Prior to the frequency assignments being recorded in the Master International Frequency Register (MIFR), this earth station may operate in accordance with the operating parameters published by the ITU in Special Sections of International Frequency Information Circulars and in accordance with any agreements reached as a result of an ITU frequency coordination process.

Transmissions must not occur in circumstances that result in harmful interference to stations outside of Australia where these stations are operating in accordance with the Radio Regulations of the ITU except where the transmissions are in accordance with any agreements reached as a result of an ITU international frequency coordination process.

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

Central West NSW / SA border region HCIS Codes:

JU5, JU6, JU7, JU8, JU9, JV1, JV2, JV3, JV5, JV6, KU7, KV1, IU6H, IU6K, IU6L, IU6N, IU6O, IU6P, IU9B, IU9C, IU9D, IU9F, IU9G, IU9H, IU9J, IU9K, IU9L, IU9N, IU9O, IU9P, IV3B, IV3C, IV3D, IV3F, IV3G, IV3H, IV3J, IV3K, IV3L, IV3N, IV3O, IV3P, IV6B, IV6C, IV6D, IV6H, JU4B, JU4C, JU4D, JU4E, JU4F, JU4G, JU4H, JU4I, JU4J, JU4K, JU4L, JU4M, JU4N, JU4O, JU4P, JV4A, JV4B, JV4C, JV4D, JV4E, JV4F, JV4G, JV4H, JV4I, JV4J, JV4K, JV4L, JV4N, JV4O, JV4P, JV7C, JV7D, JV7H, JV8A, JV8B, JV8C, JV8D, JV8E, JV8F, JV8G, JV8H, JV9A, JV9B, JV9C, JV9D, JV9E, JV9F, JV9G, JV9H, KU4A, KU4B, KU4E, KU4F, KU4G, KU4H, KU4I, KU4J, KU4K, KU4L, KU4M, KU4N, KU4O, KU4P, KU5I, KU5M, KU8A, KU8B, KU8E, KU8F, KU8I, KU8J, KU8M, KU8N, KV2A, KV2B, KV2E, KV2F, KV2I, KV2J, KV2M, KV2N, KV4A, KV4B, KV4C, KV4D, KV4E, KV4F, KV4G, KV4H, KV4I, KV4J, KV4K, KV4L, KV4M, KV4N, KV4O, KV5A, KV5B, KV5E, KV7A, KV7B

Table 1:

Central Western QLD HCIS Codes:

LT5, LT6, LT7, LT8, LT9, LU2, LU3, MT4, MT7, MU1, KT9P, KU3D, LT1H, LT1K, LT1L, LT1O, LT1P, LT2D, LT2E, LT2F, LT2G, LT2H, LT2I, LT2J, LT2K, LT2L, LT2M, LT2N, LT2O, LT2P, LT3A, LT3E, LT3F, LT3G, LT3H, LT3I, LT3J, LT3K, LT3L, LT3M, LT3N, LT3O, LT3P, LT4B, LT4C, LT4D, LT4E, LT4F, LT4G, LT4H, LT4I, LT4J, LT4K, LT4L, LT4M, LT4N, LT4O, LT4P, LU1A, LU1B, LU1C, LU1D, LU1E, LU1F, LU1G, LU1H, LU1I, LU1J, LU1K, LU1L, LU1N, LU1O, LU1P, LU4B, LU4C, LU4D, LU4H, LU5A, LU5B, LU5C, LU5D, LU5E, LU5F, LU5G, LU5H, LU6A, LU6B, LU6C, LU6D, LU6E, LU6F, LU6G, LU6H, LU6I, LU6J, LU6K, LU6L, MT1E, MT1I, MT1J, MT1K, MT1M, MT1N, MT1O, MT1P, MT5A, MT5E, MT5I, MT5J, MT5M, MT5N, MT8A, MT8B, MT8E, MT8F, MT8I, MT8J, MT8M, MT8N, MU2A, MU2B, MU2E, MU2F, MU2I, MU2M, MU4A, MU4B, MU4C, MU4D, MU4E, MU4F, MU4G, MU4H

A device operated under this licence must be operated within the geographic areas described in Table 1.

A device operated under this must comply with the Radiocommunications (Cellular Mobile Telecommunications Devices) Class Licence 2014 (the CMTD Class Licence), other than section 5(1)(b) and section 6 of the CMTD Class Licence.

The licensee must take all reasonable steps to mitigate the risk of interference to services operated in the Radio Quiet Zone, as defined in RALI MS32.

A station operated under this licence is authorised to communicate with space station(s) of the USASAT-NGSO-10 satellite network as published by the International Telecommunication Union (ITU) in Special Section CR/C/5665 of International Frequency Information Circular 2973.