

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	20013687
Licensee	SYDNEY TRAINS
Licensee address	Attn: Mr Christopher Go Level 2, Clyde Hub, 146-148 Manchester Road, Clyde, NSW 2142

Licence details

Licence service	Fixed
Licence subservice	Point to Point
Licence number	10174709/1
Date of issue	04/12/2023
Date of effect	04/12/2023
Date of expiry	01/12/2024

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

Special Conditions applying to licence no.: 10174709/1

This 50kHz channel service is to be treated as two 25kHz channel services operating on adjacent frequencies for frequency coordination purposes.

Advisory Notes applying to licence no.: 10174709/1

Conditions applicable to the operation of Point to Point station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Fixed Licence) Determination, the 'fixed licence lcd'. 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	10517
Site address	SRA site, overlooking, BROWNS GAP NSW 2790
Co-ordinates (GDA94)	Latitude: -33.492111 Longitude: 150.16769993

Transmitter details

Assigned frequency	460.262500 MHz
Bandwidth	50.0000 kHz
Freq. assign. ID	0001797401
Transmitter power	100 mW
EIRP	2.00 W
Emission designator	50K0F7W

Antenna details

Antenna ID	13462
Antenna polarisation	H - Horizontal linear
Antenna azimuth	324.00
Antenna height (m)	15
Antenna type	Yagi (Horizontal Polarisation)-Y

Receiver details

Assigned frequency	450.762500 MHz
Bandwidth	50.0000 kHz
Freq. assign. ID	0001797402
Transmitter power	N/A
EIRP	N/A
Emission designator	50K0F7W

Antenna details

Antenna ID	13462
Antenna polarisation	H - Horizontal linear
Antenna azimuth	324.00
Antenna height (m)	15
Antenna type	Yagi (Horizontal Polarisation)-Y

Special Conditions applying to Station 1

An efficient cavity filter must be fitted between the receiver and the antenna.

An efficient cavity filter must be fitted between the transmitter and the antenna.

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	10481
Site address	Lithgow Railway Stn, LITHGOW NSW 2790
Co-ordinates (GDA94)	Latitude: -33.48039306 Longitude: 150.15796786

Transmitter details

Assigned frequency	450.762500 MHz
Bandwidth	50.0000 kHz
Freq. assign. ID	0001797403
Transmitter power	100 mW
EIRP	2.00 W
Emission designator	50K0F7W

Antenna details

Antenna ID	13462
Antenna polarisation	H - Horizontal linear
Antenna azimuth	144.00
Antenna height (m)	15
Antenna type	Yagi (Horizontal Polarisation)-Y

Receiver details

Assigned frequency	460.262500 MHz
Bandwidth	50.0000 kHz
Freq. assign. ID	0001797404
Transmitter power	N/A
EIRP	N/A
Emission designator	50K0F7W

Antenna details

Antenna ID	13462
Antenna polarisation	H - Horizontal linear
Antenna azimuth	144.00
Antenna height (m)	15
Antenna type	Yagi (Horizontal Polarisation)-Y

Special Conditions applying to Station 2

An efficient cavity filter must be fitted between the receiver and the antenna.

An efficient cavity filter must be fitted between the transmitter and the antenna.