

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	20033195
Licensee	PACIFIC NATIONAL PTY LTD
Trading name	Attn: PN Radiocommunications
Licensee address	Level 16, 15 Blue St, NORTH SYDNEY, NSW 2060

Licence details

Licence service	Land Mobile
Licence subservice	Land Mobile System - > 30MHz
Licence number	10354145/1
Date of issue	03/10/2023
Date of effect	03/10/2023
Date of expiry	22/09/2024

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.: 10354145/1

The service authorised by this licence must not cause interference to and is not protected from interference caused by licence 10099948 operating on 418.1375 / 408.6875 MHz at ACMA site 9019456.

This licence authorises operation of a BDA/LF system at the Bunbury Tunnel (ACMA site 42981).

The power coupled into the leaky feeder cable from any BDA or associated transmitter in the system must not exceed 1 W.

The service authorised by this licence must not cause interference to and is not protected from interference caused by licence 209845 operating on 418.2 / 408.75 MHz at ACMA site 42981.

The service authorised by this licence must not cause interference to and is not protected from interference caused by licence 1968481 operating on 418.1125 / 408.6625 MHz at ACMA site 9019456.

The service authorised by this licence must not cause interference to and is not protected from interference caused by licence 1944209 operating on 418.1375 / 408.6875 MHz at ACMA site 9014898.

The service authorised by this licence must not cause interference to and is not protected from interference caused by licence 1300360 operating on 418.15 / 408.7 MHz at ACMA site 42981.

Advisory Notes applying to licence no.: 10354145/1

Conditions applicable to the operation of Land Mobile System station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Land Mobile 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	302247	
Site address	East of Gate R National Rail Tower, Dynon Rd, FOOTSCRAY VIC 3011	
Co-ordinates (GDA94)	Latitude: -37.80284	Longitude: 144.923671

Transmitter details

Assigned frequency	418.125000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002023247
Transmitter power	5.00 W
EIRP	8.30 W
Emission designator	10K1F3E

Antenna details

Antenna ID	72
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Colinear Vertical-U

Receiver details

Assigned frequency	408.675000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002023248
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

Antenna details

Antenna ID	72
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Colinear Vertical-U

Special Conditions applying to Station 1

Whilst every effort will be made by ACMA to investigate reports of interference to any BDA system authorised for operation under this licence, no guarantees can be made that such interference will be reduced or eliminated. Additionally, should interference to another licensed radiocommunications service be reported and ACMA considers that such interference arises from a BDA system operating under this licence, the licensee may be required to modify, or cease, operation of that BDA system.

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.