

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	5832
Licensee	NSW Rural Fire Service
Trading name	.
Licensee address	Locked Mail Bag 17, GRANVILLE, NSW 2142

## Licence details

Licence service	Land Mobile
Licence subservice	Paging System - Exterior
Licence number	1250743/1
Callsign	AXN609
Date of issue	21/05/2023
Date of effect	21/05/2023
Date of expiry	29/06/2024

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

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

Certain information contained in this licence record will be disclosed in the Register of Radiocommunications Licences (RRL), established and maintained pursuant to Part 3.5 of the *Radiocommunications Act 1992*.

## **Advisory Notes applying to licence no.: 1250743/1**

Conditions applicable to the operation of Paging 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](http://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	6084		
Site address	Ausgrid 40m Lattice Tower, Brokenback Rd, POKOLBIN NSW 2330		
Co-ordinates (GDA94)	Latitude: -32.763513	Longitude:	151.223085

#### Transmitter details

Assigned frequency	148.587500 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000696715
Transmitter power	100.00 W
EIRP	331.00 W
Emission designator	16K0F2D

#### Antenna details

Antenna ID	72
Antenna polarization	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

### Advisory Notes applying to Station 1

The paging transmitter authorised by this licence has been licensed on the condition that the licensee accepts any mutual interference that occurs between this and any other paging service licensed to them on the same frequency within 100km.

For conditions of licence relating to exterior paging operation please refer to the attachment entitled Conditions Of Licence For Exterior Paging Station Licences Issued under the Radiocommunications Act 1992.

### Special Conditions applying to Station 1

The level of power in the adjacent channel must not exceed -22dBm.

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

An efficient ferrite isolator must be fitted between the transmitter and the antenna.

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.

**Site details**

Site ID	250109		
Site address	Wollombi Police Station, 2888 Wollombri Road, WOLLOMBI NSW 2325		
Co-ordinates (GDA94)	Latitude: -32.937755	Longitude:	151.140898

**Transmitter details**

Assigned frequency	148.587500 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000696718
Transmitter power	25.00 W
EIRP	83.00 W
Emission designator	16K0F2D

**Antenna details**

Antenna ID	72
Antenna polarization	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

**Advisory Notes applying to Station 2**

The paging transmitter authorised by this licence has been licensed on the condition that the licensee accepts any mutual interference that occurs between this and any other paging service licensed to them on the same frequency within 100km.

For conditions of licence relating to exterior paging operation please refer to the attachment entitled Conditions Of Licence For Exterior Paging Station Licences Issued under the Radiocommunications Act 1992.

**Special Conditions applying to Station 2**

The level of power in the adjacent channel must not exceed -22dBm.

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

An efficient ferrite isolator must be fitted between the transmitter and the antenna.

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.