

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

|                  |   |
|------------------|---|
| Customer ID      | 1137920   |
| Licensee         | Australian Broadcasting Corporation                             |
| Trading name     | Spectrum and Regulatory Strategy DIGITAL LICENCES               |
| Licensee address | Attn: Mr Gavin Bowman, Level 12B GPO Box 9994, SYDNEY, NSW 2001 |

## Licence details

|                 |                                      |
|-----------------|--------------------------------------|
| Licence service | Broadcasting - National Broadcasting |
| Licence number  | 10109142/1                           |
| Callsign        | ABC47                                |
| Date of issue   | 30/10/2023                           |
| Date of effect  | 24/10/2023                           |
| Date of expiry  | 30/11/2024                           |

## 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 address listed below. 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*.

## **Special Conditions applying to licence no.: 10109142/1**

This transmitter must only be used to provide national broadcasting services as defined under section 13 of the Broadcasting Services Act.

The licensee must ensure that no harmful interference shall be caused to the operation of any radiocommunication station or service. If the operation of the transmitter is causing interference to other services, the licensee is required at the licensee's own expense, to adjust, or fit devices to, receivers in order to eliminate or minimise that interference.

## **Advisory Notes applying to licence no.: 10109142/1**

Conditions applicable to the operation of National Broadcasting station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Broadcasting 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)).

The licensee is required to comply with the Broadcasting Services (Technical Planning) Guidelines as though a reference to 1) a commercial service 'licence area' is a reference to a comparable national service 'coverage area' and 2) a commercial television broadcasting service is a reference to a national television broadcasting service.

## 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:

#### Site details

|                      |   |
|----------------------|---|
| Site ID              | 34399   |
| Site address         | BAI Comms Site, off Lyell Highway, MT OWEN TAS 7467 |
| Co-ordinates (GDA94) | Latitude: -42.092005 Longitude: 145.606316          |

#### Transmitter details

|                             |                       |
|-----------------------------|-----------------------|
| General Area Served         | Queenstown/Zeehan     |
| Technical specification no. | 1131031               |
| Assigned frequency          | 662.500 MHz           |
| Channel                     | CH 47                 |
| Freq. assign. ID            | 0001710624            |
| Emission designator         | 6M70V7W               |
| Antenna Polarisation        | H - Horizontal linear |
| Antenna height (m)          | 16                    |

#### Radiation pattern details

| Bearing or Sector (°T) | Maximum ERP (W) |
|------------------------|-----------------|
| 0 - 220                | 50.0            |
| 220 - 235              | 125.0           |
| 235 - 250              | 250.0           |
| 250 - 320              | 500.0           |
| 320 - 335              | 250.0           |
| 335 - 350              | 125.0           |
| 350 - 360              | 50.0            |

#### Advisory Notes applying to Station 1

The Queenstown/Zeehan service has a horizontal radiation pattern toward Queenstown and a vertical radiation pattern toward Zeehan.

## **Station 2:**

### **Site details**

|                      |   |                       |  |
|----------------------|---|-----------------------|--|
| Site ID              | 34399   |                       |  |
| Site address         | BAI Comms Site, off Lyell Highway, MT OWEN TAS 7467 |                       |  |
| Co-ordinates (GDA94) | Latitude: -42.092005                                | Longitude: 145.606316 |  |

### **Transmitter details**

|                             |                     |
|-----------------------------|---------------------|
| General Area Served         | Queenstown/Zeehan   |
| Technical specification no. | 1131031             |
| Assigned frequency          | 662.500 MHz         |
| Channel                     | CH 47               |
| Freq. assign. ID            | 0001710625          |
| Emission designator         | 6M70V7W             |
| Antenna Polarisation        | V - Vertical linear |
| Antenna height (m)          | 16                  |

### **Radiation pattern details**

| Bearing or Sector (°T) | Maximum ERP (W) |
|------------------------|-----------------|
| 0 - 290                | 30.0            |
| 290 - 295              | 300.0           |
| 295 - 300              | 750.0           |
| 300 - 330              | 3 000.0         |
| 330 - 335              | 750.0           |
| 335 - 340              | 300.0           |
| 340 - 360              | 30.0            |

### **Advisory Notes applying to Station 2**

The Queenstown/Zeehan service has a horizontal radiation pattern toward Queenstown and a vertical radiation pattern toward Zeehan.