

# **RADIO AUSTRALIA SPECIAL EVENT**

## **VI3RA**

Thank you for participating in this rare opportunity to setup an Amateur Radio station to use the Shepparton International High Frequency Transmitter aerials. BAI Communications (formerly Broadcast Australia) have very kindly allowed the event, but due to reasons there are limitation to both what we are able to do and how many people can be on site at any one time.

We are limited to 6 people plus support staff to be on site at anyone time. Every person must attend a short site induction, and have a pass valid for the specific time. To aid in the smooth running of operations passes can be picked up from SADARC's clubs rooms at Vision Australia, between:

Friday 13 th 6:00pm to 8:00pm  
Saturday 14 th 8:00am to 6:00pm  
Sunday 15 th 8:00am to 6:00pm

Vision Australia  
28 Channel Road, Shepparton  
Map: <https://tinyurl.com/sadarc-clubrooms>

*There will be BBQ, Coffee and friendly chat provided at the SADARC club rooms.*

**DO NOT SHOW UP AT RADIO AUSTRALIA SITE WITHOUT A PASS  
OR MORE THAN 15 MINUTES BEFORE YOUR TIME SLOT.**

*If you are unable to pickup your pass for some reason. Please contact [events@sadarc.org](mailto:events@sadarc.org) to make alternative arrangements to pick up your pass.*

### **Ethos:**

This amateur event is what ever you would like it to be if you wish to just chat away, or want to rack up as many contacts as possible that is fine, all that we ask is that you take care of the equipment, follow instructions from BAI, if unsure about anything please ask, and that you log contacts(paper or computer) for QSL cards.

### **Saturday Night Get Together:**

We have made bookings at the Shepparton Brewery, Please **let us know** if you are planing on attending.

15 Edwards Street, Shepparton  
From 6:00 pm onwards.  
MAP <https://tinyurl.com/vi3ra-brewery>

*very casual come and go as you wish, pay for your own food and drinks, order at the counter.*

### **Shepparton:**

There are lots of interesting place to stay or go in and around Shepparton why not find out about them at <http://visitshepparton.com.au/>

## Getting to Transmitter Site and getting in:

**DO NOT SHOW UP AT RADIO AUSTRALIA SITE WITHOUT A PASS  
OR MORE THAN 15 MINUTES BEFORE YOUR TIME SLOT.**

**Radio Australia Transmitter Site**  
480 Verney Road, Shepparton North  
MAP <https://tinyurl.com/vi3ra-radio>

The site is behind automatic locking gates, there is a push button intercom located at the front gate off Verney Rd, press the button and wait to be let in. A site and building map attached.

## Comms:

The Mt Wombat 2M Repeater will be monitored for talk-in and general help over the weekend.

**2M: 146.650 MHz – 600 kHz offset 123 Hz CTCSS**

## Other Mt Wombat Repeaters:

**6M** 53.725 MHz -1 MHz offset

**70cm** 438.650 Mhz – 7 MHz offset 91.5 Hz CTCSS

**70cm** 439.775 Mhz – 5 MHz offset IRLP node #6990

**70cm** DMR 438.900 Mhz -7 MHz linked to VKDMR network

**70cm** DSTAR 438.200 MHz -7 MHz offset

**70cm** DMR VK3RDS 438.7625 MHz- 7 MHz offset ( on test at VK3YNV )

**WBT03** UHF CB Repeater Ch3-33 476.475 MHz

## Equipment:

**ALL PROVIDED EQUIPMENT HAS BEEN PROVIDED ON THE BASIS  
THAT IT IS RETURNED IN GOOD ORDER, IF YOU BREAK IT, SPEAKUP.**

Icom Australia have kindly lent us some transceivers for the event. An IC-7610, IC-7300 and a IC-5100 (for local 2m repeater access). You are welcome to use the Icom transceivers or bring your own. Power Amplifiers have kindly been provided by a couple of participants but may not be available the whole weekend.

A second IC-7300 has also been kindly lent to us by a participant. Windows based computers will be provided with internet connections running the N1MM Logger+ software for those that want to use it. Pens and Logging sheets are also provided for those who wish it.

There are three stations setup each with a selection of 3 switched antennas. Some care has been taken to get a good selection of antennas for each station. If you require another selection please negotiate with staff and other participants. Great circle maps and sweeps have been prepared for each of the antenna and will be provided at the operating station(keep the antenna maps with antenna). Some antennas can be slewed(electronic beam direction change), those that can be are indicated as multiple radials on the great circle map, please ask BAI staff to help if you would like the antenna to be redirected.

12VDC power supplies are supplied, along with a pair deep cycle batteries. 240VAC is also available for your equipment if you wish, but please bring power boards/extension cables.

No keys or headphones are provided. Each of the stations are separated enough for reasonable audio isolation from each other.

Looking forward to seeing you there

SADARC Events

<http://www.sadarc.org>

## SPECIAL CIRCUMSTANCE SITE VISITOR BRIEFING FOR RADIO AUSTRALIA

**All Visitors are to be fully escorted by a Broadcast Australia staff member while on site. Do-Not wander off.**

Your personal safety, the protection of Broadcast Australia equipment and the environment, requires your conformity to the BAI Communications site access procedures and relevant WHS requirements.

RF Radiation – During the event Non-Ionising radiation may be present at the antennas. Access to these areas are restricted to authorised personnel only. There are no radiation hazards within the building compound.

Accident Reporting - Any accident, or near miss, must be reported to the BAI Communications representative whether an injury occurred or not. If an injury does occur, a First Aid kit is available at the rear door entrance. In an emergency Police, Fire, Ambulance can be contacted on 000

Emergency Power Plant – This equipment is housed adjacent to the carport area, is remotely controlled and can start at any time. This area is not to be entered if plant is running. If in this area when a mains failure occurs, protect ears with hands and leave the noise area as soon as practical.

Touching or Operating Site Equipment - No site equipment is to be operated or changed in any way. Take care when walking around the site not to lean against anything or to change the operation of anything.

Social Media - Any photos taken are for personal use only and are not to be published on social media or used in any way commercial without prior approval of BAI Communications.

Fire Emergency - In the event of an emergency, an alarm bell will sound both inside and outside the main building. Upon hearing the alarm, please walk quickly to your nearest exit if within the building and proceed to the assembly area situated at the main gates at the front of the main building and await further instructions.

Dust or Smoke - Excess of dust or smoke inside and certain areas outside the main building can cause alarms. Smoking is therefore prohibited within the confines of all buildings.

Vehicle Movement – During the event there will be numerous vehicle movements taking place in the driveway and car parking areas. Be mindful of this when walking outdoors.

Facilities – The Toilets and Kitchen are available for use during the event. Please clean up after yourself.

### **Declaration**

**I have been briefed on the access and safety conditions and requirements for the Radio Australia Shepparton BAI Communications transmitting site. I have been made aware of the hazards on this site including RF radiation and understand the stated restrictions. Any minors that may be in attendance with me are to remain my responsibility and will be supervised at all times.**

Signed \_\_\_\_\_ Print name \_\_\_\_\_ Date \_\_\_\_\_

# Radio Australia Transmitter Site

480 Verney Road, Shepparton North

Scan the QR code to access map

**Buildings other than transmitter hall are off limits.**

**Parking**

**Enter Here**

**GATE**

Press Buzzer  
And wait to  
be let in.



#### LEGEND -

- SINGLE HEAD FIRE HYDRANT
- ⊙ DOUBLE HEAD FIRE HYDRANT
- A \* DENOTES FIRE HYDRANT CONNECTED TO HIGH PRESSURE MAINS SUPPLY (TWO OUTLETS)
- B \* DENOTES FIRE HYDRANT CONNECTED TO HIGH PRESSURE MAINS SUPPLY (ONE OUTLET)
- C \* DENOTES FIRE HYDRANT CONNECTED TO HIGH PRESSURE MAINS SUPPLY (TWO OUTLETS PLUS OVERHEAD OUTLET)

<https://tinyurl.com/vi3ra-radio>

SCALE - 1:200 (APPROX)

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPO	DATE	ISS	<b>Gelstra</b> BROADCASTING SERVICE RADIO AUSTRALIA - SHEPPARTON SITE PLAN BUILDING AREA	
767596	STA	STA		DB	DB	20-01-97	1		
Telstra Corporation Limited A.C.N. 051 775 556								N3046SI04	SHEET OF 1

**Please don't  
wander off**

**Station A  
Station B**

**Station C  
Toilet**

**Entrance**

**Tea and  
Coffee**

**Must be accompanied  
by BAI/Event staff**

SCALE - 1:100

ORDER	DATE	CHD	AMENDMENT	EXAM	APPRO	DATE	ISS
12/08	STA	STA		KI	GB	21-02-01	1

100%  
N30468503

**colstra**  
RADIO AUSTRALIA - SHEPPARTON  
TRANSPORT BUILDING  
GROUND FLOOR & MEZZANINE  
SHEET 1  
TOTAL SHEETS 1

## A stylized cartoon illustration of a white owl with orange eyes and a patterned orange body, perched on a green branch. The owl has a white head and neck, with large orange eyes and a small orange beak. Its body is orange with a geometric pattern of black lines and dots. It is perched on a green branch with black outlines. The background is white.

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LOG TIME: LOCAL UTC



**OF**