Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



| Licensee details | |
|--------------------|---|
| Customer ID | 207858 |
| Licensee | Public Transport Authority of Western Australia |
| Licensee address | PO Box 8125 (Comms Operations Manager), PERTH BC, WA 6849 |
| Licence details | |
| Licence service | Land Mobile |
| Licence subservice | Land Mobile System - > 30MHz |
| Licence number | 12308390/2 |
| Date of issue | 02/04/2024 |
| Date of effect | 02/04/2024 |
| Date of expiry | 27/02/2025 |
| Licence conditions | S |

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

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.: 12308390/2

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).

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 | 10033929 | |
| Site address | Transit Way, Transit Way, ELLENBROOK WA | |
| Co-ordinates (GDA94) | Latitude: -31.782576 Longitude: 115.962049 | |
| Transmitter details | | |
| Assigned frequency | 419.475000 MHz | |
| Bandwidth | 12.5000 kHz | |
| Freq. assign. ID | 0004366056 | |
| Transmitter power | 20.40 W | |
| EIRP | 83.00 W | |
| Emission designator | 10K1F3E | |
| Antenna details | | |
| Antenna ID | 95308 | |
| Antenna polarisation | V - Vertical linear | |
| Antenna azimuth | 190.00 | |
| Antenna height (m) | 25 | |
| Antenna type | Yagi(VerticalPolarisation) | |
| Receiver details | | |
| Assigned frequency | 408.875000 MHz | |
| Bandwidth | 12.5000 kHz | |
| Freq. assign. ID | 0004366057 | |
| Transmitter power | N/A | |
| EIRP | N/A | |
| Emission designator | 10K1F3E | |
| Antenna details | | |
| Antenna ID | 95308 | |
| Antenna polarisation | V - Vertical linear | |
| Antenna azimuth | 190.00 | |
| Antenna height (m) | 25 | |
| Antenna type | Yagi(VerticalPolarisation) | |

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 | 10033953 | | |
| Site address | Beechboro Rd, Beechboro Rd, WHITEMAN WA | | |
| Co-ordinates (GDA94) | Latitude: -31.849633 | Longitude: | 115.924325 |
| Transmitter details | | | |
| Assigned frequency | 418.375000 MHz | | |
| Bandwidth | 12.5000 kHz | | |
| Freq. assign. ID | 0004366050 | | |
| Transmitter power | 20.40 W | | |
| EIRP | 83.00 W | | |
| Emission designator | 10K1F3E | | |
| Antenna details | | | |
| Antenna ID | 95308 | | |
| Antenna polarisation | V - Vertical linear | | |
| Antenna azimuth | 85.00 | | |
| Antenna height (m) | 25 | | |
| Antenna type | Yagi(VerticalPolarisation) | | |
| Receiver details | | | |
| Assigned frequency | 408.875000 MHz | | |
| Bandwidth | 12.5000 kHz | | |
| Freq. assign. ID | 0004366051 | | |
| Transmitter power | N/A | | |
| EIRP | N/A | | |
| Emission designator | 10K1F3E | | |
| Antenna details | | | |
| Antenna ID | 95308 | | |
| Antenna polarisation | V - Vertical linear | | |
| Antenna azimuth | 85.00 | | |
| Antenna height (m) | 25 | | |
| Antenna type | Yagi(VerticalPolarisation) | | |

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 3:

| Site details | | | |
|----------------------|---|------------|------------|
| Site ID | 10033953 | | |
| Site address | Beechboro Rd, Beechboro Rd, WHITEMAN WA | | |
| Co-ordinates (GDA94) | Latitude: -31.849633 | Longitude: | 115.924325 |
| Transmitter details | | | |
| Assigned frequency | 418.125000 MHz | | |
| Bandwidth | 12.5000 kHz | | |
| Freq. assign. ID | 0004366052 | | |
| Transmitter power | 32.30 W | | |
| EIRP | 83.00 W | | |
| Emission designator | 10K1F3E | | |
| Antenna details | | | |
| Antenna ID | 95308 | | |
| Antenna polarisation | V - Vertical linear | | |
| Antenna azimuth | 85.00 | | |
| Antenna height (m) | 25 | | |
| Antenna type | Yagi(VerticalPolarisation) | | |
| Receiver details | | | |
| Assigned frequency | 408.750000 MHz | | |
| Bandwidth | 12.5000 kHz | | |
| Freq. assign. ID | 0004366053 | | |
| Transmitter power | N/A | | |
| EIRP | N/A | | |
| Emission designator | 10K1F3E | | |
| Antenna details | | | |
| Antenna ID | 95308 | | |
| Antenna polarisation | V - Vertical linear | | |
| Antenna azimuth | 85.00 | | |
| Antenna height (m) | 25 | | |
| Antenna type | Yagi(VerticalPolarisation) | | |

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.

| <u>Station 4.</u> |
|---|
| |
| 10033957 |
| 7 Cherry Ct,, Cherry Ct,, MORLEY WA |
| Latitude: -31.894572 Longitude: 115.91984 |
| |
| 419.500000 MHz |
| 12.5000 kHz |
| 0004366048 |
| 20.30 W |
| 83.00 W |
| 10K1F3E |
| |
| 95308 |
| V - Vertical linear |
| 175.00 |
| 25 |
| Yagi(VerticalPolarisation) |
| |
| 408.875000 MHz |
| 12.5000 kHz |
| 0004366049 |
| N/A |
| N/A |
| 10K1F3E |
| |
| 95308 |
| V - Vertical linear |
| 175.00 |
| 25 |
| |

Yagi(VerticalPolarisation)

Antenna type

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 5:

| Site details | | |
|----------------------|--|--|
| Site ID | 10033990 | |
| Site address | Drumpellier Drive, Drumpellier Drive2, WHITEMAN WA | |
| Co-ordinates (GDA94) | Latitude: -31.834085 Longitude: 115.963639 | |
| Transmitter details | | |
| Assigned frequency | 419.275000 MHz | |
| Bandwidth | 12.5000 kHz | |
| Freq. assign. ID | 0004366054 | |
| Transmitter power | 32.30 W | |
| EIRP | 83.00 W | |
| Emission designator | 10K1F3E | |
| Antenna details | | |
| Antenna ID | 95308 | |
| Antenna polarisation | V - Vertical linear | |
| Antenna azimuth | 0.00 | |
| Antenna height (m) | 25 | |
| Antenna type | Yagi(VerticalPolarisation) | |
| Receiver details | | |
| Assigned frequency | 408.875000 MHz | |
| Bandwidth | 12.5000 kHz | |
| Freq. assign. ID | 0004366055 | |
| Transmitter power | N/A | |
| EIRP | N/A | |
| Emission designator | 10K1F3E | |
| Antenna details | | |
| Antenna ID | 95308 | |
| Antenna polarisation | V - Vertical linear | |
| Antenna azimuth | 0.00 | |
| Antenna height (m) | 25 | |
| Antenna type | Yagi(VerticalPolarisation) | |

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 6:

| Site details | | |
|----------------------|--|--|
| Site ID | 10033929 | |
| Site address | Transit Way, Transit Way, ELLENBROOK WA | |
| Co-ordinates (GDA94) | Latitude: -31.782576 Longitude: 115.962049 | |
| Transmitter details | | |
| Assigned frequency | 418.100000 MHz | |
| Bandwidth | 12.5000 kHz | |
| Freq. assign. ID | 0004366058 | |
| Transmitter power | 20.40 W | |
| EIRP | 83.00 W | |
| Emission designator | 10K1F3E | |
| Antenna details | | |
| Antenna ID | 95308 | |
| Antenna polarisation | V - Vertical linear | |
| Antenna azimuth | 190.00 | |
| Antenna height (m) | 25 | |
| Antenna type | Yagi(VerticalPolarisation) | |
| Receiver details | | |
| Assigned frequency | 408.750000 MHz | |
| Bandwidth | 12.5000 kHz | |
| Freq. assign. ID | 0004366059 | |
| Transmitter power | N/A | |
| EIRP | N/A | |
| Emission designator | 10K1F3E | |
| Antenna details | | |
| Antenna ID | 95308 | |
| Antenna polarisation | V - Vertical linear | |
| Antenna azimuth | 190.00 | |
| Antenna height (m) | 25 | |
| Antenna type | Yagi(VerticalPolarisation) | |