

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

|                  |                                                      |
|------------------|------------------------------------------------------|
| Customer ID      | 20053839                                             |
| Licensee         | TELSTRA LIMITED                                      |
| Trading name     | Telstra - Commercial Engineering - Spectrum Strategy |
| Licensee address | Locked Bag 3501, BRISBANE, QLD 4001                  |

## Licence details

|                    |              |
|--------------------|--------------|
| Licence service    | PTS          |
| Licence subservice | PMTS Class B |
| Licence number     | 1927831/1    |
| Date of issue      | 12/10/2023   |
| Date of effect     | 12/10/2023   |
| Date of expiry     | 11/10/2025   |

## 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)

## 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              | 28392                                     |
| Site address         | Pearce Hill, GREEN RANGE WA 6328          |
| Co-ordinates (GDA94) | Latitude: -34.66293 Longitude: 118.421889 |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912492     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 30                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912495     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 30                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 1

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 1

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 2:

| Site details         |                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------|
| Site ID              | 133602                                                                                  |
| Site address         | Telstra Albany North Radio Base Station, 7727 Rocky Crossing Road, ALBANY NORTH WA 6330 |
| Co-ordinates (GDA94) | Latitude: -34.943847 Longitude: 117.847739                                              |

| Transmitter details |                |
|---------------------|----------------|
| Assigned frequency  | 2.12250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912496     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

| Antenna details      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 15                    |
| Antenna type         | Panel (1 sector)-R    |

| Receiver details    |                |
|---------------------|----------------|
| Assigned frequency  | 1.93250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912499     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

| Antenna details      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 15                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 2

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 2

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 3:

#### Site details

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| Site ID              | 28477                                                                                  |
| Site address         | Telstra Mast City of Albany Site, Mt Melville off Melville Drv, MOUNT MELVILLE WA 6330 |
| Co-ordinates (GDA94) | Latitude: -35.017898 Longitude: 117.87082                                              |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912500     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 32                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912503     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 32                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 3

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 3

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 4:

#### Site details

|                      |                                            |
|----------------------|--------------------------------------------|
| Site ID              | 139125                                     |
| Site address         | Barker Rd, CENTENNIAL PARK WA 6330         |
| Co-ordinates (GDA94) | Latitude: -35.010203 Longitude: 117.878685 |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912504     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 50                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912507     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 50                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 4

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 4

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 5:

#### Site details

|                      |                                                |
|----------------------|------------------------------------------------|
| Site ID              | 28475                                          |
| Site address         | Telstra Exchange, Grey St East, ALBANY WA 6330 |
| Co-ordinates (GDA94) | Latitude: -35.023523 Longitude: 117.884559     |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912508     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 46                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912511     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 46                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 5

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 5

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 6:

#### Site details

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Site ID              | 9009740                                           |
| Site address         | Telstra RBS Site, 333 Mercer Rd, WALMSLEY WA 6330 |
| Co-ordinates (GDA94) | Latitude: -34.978092 Longitude: 117.913213        |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912512     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 50                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912515     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 50                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 6

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 6

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 7:

#### Site details

|                      |                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------|
| Site ID              | 133602                                                                                  |
| Site address         | Telstra Albany North Radio Base Station, 7727 Rocky Crossing Road, ALBANY NORTH WA 6330 |
| Co-ordinates (GDA94) | Latitude: -34.943847 Longitude: 117.847739                                              |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912516     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 15                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912519     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 15                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 7

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 7

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.



## 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 8:

#### Site details

|                      |                                                |
|----------------------|------------------------------------------------|
| Site ID              | 28475                                          |
| Site address         | Telstra Exchange, Grey St East, ALBANY WA 6330 |
| Co-ordinates (GDA94) | Latitude: -35.023523 Longitude: 117.884559     |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912520     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 46                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912523     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 46                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 8

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 8

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 9:

#### Site details

|                      |                                           |
|----------------------|-------------------------------------------|
| Site ID              | 28392                                     |
| Site address         | Pearce Hill, GREEN RANGE WA 6328          |
| Co-ordinates (GDA94) | Latitude: -34.66293 Longitude: 118.421889 |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912524     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 30                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912527     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 30                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 9

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 9

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 10:

#### Site details

|                      |                                                                                        |            |           |
|----------------------|----------------------------------------------------------------------------------------|------------|-----------|
| Site ID              | 28477                                                                                  |            |           |
| Site address         | Telstra Mast City of Albany Site, Mt Melville off Melville Drv, MOUNT MELVILLE WA 6330 |            |           |
| Co-ordinates (GDA94) | Latitude: -35.017898                                                                   | Longitude: | 117.87082 |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912528     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 32                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912531     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 32                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 10

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 10

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 11:

#### Site details

|                      |                                            |
|----------------------|--------------------------------------------|
| Site ID              | 139125                                     |
| Site address         | Barker Rd, CENTENNIAL PARK WA 6330         |
| Co-ordinates (GDA94) | Latitude: -35.010203 Longitude: 117.878685 |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912532     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 50                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912535     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 50                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 11

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 11

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 12:

#### Site details

|                      |                                            |
|----------------------|--------------------------------------------|
| Site ID              | 601143                                     |
| Site address         | Mt Adelaide Forts Road, ALBANY WA 6330     |
| Co-ordinates (GDA94) | Latitude: -35.029763 Longitude: 117.914926 |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912536     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 35                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912539     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 35                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 12

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 12

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 13:

#### Site details

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Site ID              | 9009740                                           |
| Site address         | Telstra RBS Site, 333 Mercer Rd, WALMSLEY WA 6330 |
| Co-ordinates (GDA94) | Latitude: -34.978092 Longitude: 117.913213        |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912540     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 50                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93750000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912543     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 50                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 13

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 13

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

## 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 14:

#### Site details

|                      |                                            |
|----------------------|--------------------------------------------|
| Site ID              | 601143                                     |
| Site address         | Mt Adelaide Forts Road, ALBANY WA 6330     |
| Co-ordinates (GDA94) | Latitude: -35.029763 Longitude: 117.914926 |

#### Transmitter details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 2.12250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912544     |
| Transmitter power   | 60.00 W        |
| EIRP                | 2.13 kW        |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 35                    |
| Antenna type         | Panel (1 sector)-R    |

#### Receiver details

|                     |                |
|---------------------|----------------|
| Assigned frequency  | 1.93250000 GHz |
| Bandwidth           | 5.000000 MHz   |
| Freq. assign. ID    | 0000912547     |
| Transmitter power   | N/A            |
| EIRP                | N/A            |
| Emission designator | 3M84F9W        |

#### Antenna details

|                      |                       |
|----------------------|-----------------------|
| Antenna ID           | 80154                 |
| Antenna polarisation | SR - Right-hand slant |
| Antenna azimuth      |                       |
| Antenna height (m)   | 35                    |
| Antenna type         | Panel (1 sector)-R    |

### Advisory Notes applying to Station 14

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

- may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and
- protection from such interference cannot be afforded.

### Special Conditions applying to Station 14

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.