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**Application for an   
Australian AIS AtoN Licence**

AMSA is the current holder of an Australia wide Maritime Coast Licence for the AIS frequencies 161.975 MHz (AIS 1) and 162.025 MHz (AIS 2) in the VHF maritime mobile band.

The Australian Communications and Media Authority (ACMA) has licensed AMSA to operate a limited coast assigned system subject to the conditions laid down in the relevant Maritime Coast Licence Determination.

AMSA may, at its sole discretion, permit third parties to operate non-shipborne AIS transceivers in Australia.

IMO Resolution MSC 140(76) notes that administrations should take the necessary steps to ensure the integrity of the radio channels used for AIS in their waters. IMO Resolution MSC 74 (69) Annex 3 states that AIS should serve as a means for littoral states to obtain information about ships and be used as a Vessel Traffic Service (VTS) tool. Therefore, it is envisaged that applications for non-shipborne AIS would be limited to state or port authorities.

As the licence holder, AMSA is bound by the conditions imposed upon it by the [*Radiocommunications Act 1992*](http://www.comlaw.gov.au/ComLaw/management.nsf/all/bytitle/EB150FF6B5599FC2CA256F710006EFC3?OpenDocument). AMSA's policy is that third parties must also comply with the relevant sections of this Act. In particular, no interference shall be caused to any radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

Further information on AIS licensing can be found under [AMSA’s policy on non-shipborne AIS third-party licensing.](http://www.amsa.gov.au/Shipping_Safety/Navigation_Safety/Automatic_Identification_System/Licensing_of_AIS_shore_stations_in_Australia.asp)

**Australian non-shipborne AIS license application procedures:**

Applicants wishing to proceed with third party authorisation need to follow the process detailed below:

1. Complete the following forms:

a. [AMSA 234](http://www.amsa.gov.au/Forms/AMSA234.dot)a Application for an Australian AIS Base Station Licence, and/or

b. AMSA 234b Application for an Australian AIS AtoN Licence.

2. Attach evidence of the AIS non-shipborne station complying with Recommendation ITU-R M.1371 (Technical characteristics for an automatic identification system using time-division multiple access in the VHF maritime mobile band).

3. Agree that the AIS transmitter installation meets ACMA Level 1 compliance, i.e. transmitter output power less than 100 watts and transmitting antenna inaccessible to the public\*

The following are examples of a type of place that is inaccessible to a member of the general public:

• the area around an antenna that is fenced and where entry is through a locked gate;

• the area around a tower where the tower cannot be climbed except by the use of an external aid.

4. Email/mail the completed forms and other paperwork including photographs (if any) to AMSA, who will   
apply to ACMA on behalf of third parties.

Please forward all paper work to: **Manager Maritime Communications and Vessel Tracking**

**Australian Maritime Safety Authority**

**GPO Box 2181**

**Canberra ACT 2601**

**e-mail** [aismanagement@amsa.gov.au](mailto:aismanagement@amsa.gov.au)

**fax: 02 6279 5966**

5. Upon receipt of advice from AMSA, forward the relevant fees to AMSA.

6. If successful, the applicant will be required to sign and return the Acknowledgement of Conditions document provided by AMSA.

7. AMSA will issue a Third Party Authorisation to the applicant.

\* Applicants are advised that it is in the interest of site owners to comply with the ARPANSA Radiation Protection Standard - Maximum exposure levels to radiofrequency fields – 3 kHz to 300 GHz. The standard advises of the need to prepare a cumulative radiation hazard plan, if other transmitting devices are also installed at or near the site. Further information relating to the Standard can be found at [ARPANSA](http://www.arpansa.gov.au/Publications/codes/rps3.cfm). For information on this topic, visit [ACMA’s website.](http://www.acma.gov.au/webwr/consumer_info/issues_alerts/emrbook_licensees.pdf)

**Application for an Australian   
AIS AtoN Licence**



1. **Owner / Operator details   
   (To be completed by all applicants)**

Have you, or your organisation applied for an AIS AtoN or Base Station Licence before?

YesNo

|  |
| --- |
| **If Yes**, please ensure the details below match your original application and it will be added to your account**.**  **If No** this application will be treated as a new account. |

Applicant’s name (surname and given names)

|  |
| --- |
|  |

Title/position held

|  |
| --- |
|  |

Name of organisation

|  |
| --- |
|  |

Postal address

|  |
| --- |
|  |

Contact details

|  |  |
| --- | --- |
| Phone | Mobile |
| Fax | E-mail |

Emergency 24 hour Contact

|  |  |
| --- | --- |
| Name | |
| Home Phone | Work Phone |
| Mobile/Other Phone | |

**B. Location of proposed AIS AtoN**

Geographical Location: (dd mm.mmmm)

|  |  |
| --- | --- |
| Latitude: | Longitude: |

Datum

WGS84 Other (specify)

Name of Base Station used to reserve VDL slots for AtoN

|  |
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**C. Aid to Navigation (AtoN)**

Name of AIS Aid to Navigation (max. 20 characters)

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| --- |
|  |

AtoN Manufacturer

|  |
| --- |
|  |

AtoN Model

|  |
| --- |
|  |

**C. Aid to Navigation (AtoN) continued**

AtoN Type

Type 1Type 2 Type 3 (recommended)

AtoN Characteristics

Physical FixedPhysical Floating Synthetic

Virtual Port Emergency/Urgent Special Purpose Virtual

Dimensions

|  |  |  |
| --- | --- | --- |
| Height:      m | Width:      m | Length:      m |
| Antenna Elevation: | | m AMSL |

Type of Position Fixing

GPS Surveyed Unidentified

**E. Antenna Access**

Is AIS transmitting antenna inaccessible to the public?

YesNo (refer step 3)

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| --- |
| **If No**, applicants are to provide a report from a qualified person that the site installation complies with the ARPANSA standard “Maximum Exposure Levels to Radiofrequency Fields = 3 kHz to 300 GHz” for an ACMA Level 2 compliance level, before licensing can proceed. |

**F. Applicant’s checklist**

## Recommendation ITU-R M.1371 approval attached

**Applicant’s Signature**

|  |
| --- |
| Date …….. / …….. / …….. dd / mm / yyyy |

|  |
| --- |
| **Privacy Statement**  The Australian Maritime Safety Authority (AMSA) collects the information on this form for the purpose of safety, environment protection and/or SAR-related purposes. |

|  |  |
| --- | --- |
| **AMSA Office Use Only** | |
| **AMSA VDL Slot Allocation** FATDMA RATDMA | |
| AIS1 | AIS2 |
| Message 21 | Message 21 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **AMSA Office Use Only** | | | | | | | | | | |
| 9 digit MMSI issued | | | | | | | | | Name | Date |
|  |  |  |  |  |  |  |  |  |  | /     /20 |