



Australian Government
Australian Maritime Safety Authority

Application for an Australian Non-Shipborne AIS 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*. 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](#).

Instructions

To apply to operate a non-shipborne automatic identification system (AIS) including AIS aid to navigation (AtoN):

1. Complete pages 2 and 3 of this document
2. Attach product specification sheet for AIS equipment and antenna (virtual/synthetic exempt)
3. Email application and supporting documents to aismanagement@amsa.gov.au
4. Application will be assessed against navigational safety need
5. If approved, AMSA will issue maritime mobile service identity (MMSI), authorise radiocommunication licensing via a third-party authorisation, as required, and any equipment configurations, as required.

Find out more on the AMSA website [form page](#) and [information page](#)

*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. For information on this topic, visit [ACMA's website](#)



Application for an Australian Non-Shipborne AIS Licence

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

Have you, or your organisation applied for an AIS AtoN, Base Station Licence, Ship station MMSI or registered a beacon with AMSA before?

Yes No

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 or Base Station

Geographical Location: (dd mm.mmmm)

Latitude:	Longitude:
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Datum

WGS84 Other (specify) _____

Q1. Does the location have an existing ACMA site ID?

Yes (list) _____ No Unsure

C. Aid to Navigation (AtoN) Details

Is this application to establish a new:

Base station (go to Q2)

Physical AtoN (go to Q3)

Virtual/Synthetic AtoN (got to Q4)

Note: Synthetic is a virtual AIS mark over a physical structure

Q2. Base station

a. Type of station:

Base station Repeater

b. Name of new base/repeater station (max 20 characters)

c. AIS equipment details:

Make
Model

d. Antenna details:

Make	
Model	
Antenna Azimuth	Height of antenna AGL (m)
Antenna tilt	

e. What is the antenna support structure

Roof top mount Self-supporting tower or pole

Other (specify) _____

Note: Product specifications for AIS equipment and antenna to be attached to application.

Proceed to Section D

Q3. Physical AtoN

a. Navigation safety reason to support new AIS AtoN:

b. AtoN configuration type:

Type 1 Type 3

Note: Type 1 requires slot mapping. Type 3 is self-organising.

c. IALA mark code

Note: For the IALA mark code, see [application instructions](#)

d. AtoN physical dimensions (m)

A	B
C	D

Note: For dimensions, see [application instructions](#)

e. Type of position fixing

GPS Surveyed Unidentified

f. AIS equipment details:

Make
Model

g. Antenna details:

Make	
Model	
Antenna Azimuth	Height of antenna AGL (m)
Antenna tilt	

Note: Product specifications for AIS equipment and antenna to be attached to application

h. Will you be advising state authority of establishment of AtoN?
(This is to determine if a NAVIGATION Warning is required)

Yes (how) _____ No

Proceed to Section D

Q4. Virtual/Synthetic AtoN

a. Do you have multiple virtual applications for the same base station?

Yes No

Note: If "Yes" provide a spreadsheet containing all the details in this section for all the virtuals. No need for multiple forms.

b. Name of base station and its maritime mobile service identity (MMSI) number to broadcast AtoN

Base station
MMSI

c. Name of Virtual/Synthetic AtoN (max. 20 characters)

d. Navigation safety reason to support new AIS AtoN:

e. IALA mark code

Note: For the IALA mark code, see [application instructions](#)

Synthetic only – AtoN physical dimensions (m)

A	B
C	D

Note: For dimensions, see [application instructions](#)

g. Is broadcast of the AtoN expected to exceed 1 year?

Yes No

h. Will you be advertising state authority of establishment of AtoN? *(This is to determine if a NAVIGATION Warning is required)*

Yes (how) _____ No

D. Applicant's checklist

- AIS equipment and antenna product specification attached for base stations and physical AtoN applications.
- Spreadsheet for multiple virtual AtoNs attached if required.

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.