



Australian Government
Australian Maritime Safety Authority

Application for an Australian AIS Base Station 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.

Receive-only AIS stations are not required to be licensed, but AMSA encourages operators of these stations to advise AMSA of their existence.

Further information on AIS licensing can be found under AMSA's policy on non-shipborne AIS third-party licensing.

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 234a 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
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. For information on this topic, visit ACMA's website.



Application for an Australian AIS Base Station Licence

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

Have you, or your organisation applied for a Base Station Licence 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. Purpose of proposed AIS installation

Vessel Traffic Service Other (specify) _____

Type of station

AIS Base Station AIS Repeater

Location (dd mm.mmmm)

Latitude:	Longitude:
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Datum

WGS84 Other (specify) _____

Site Elevation:

m AMSL

C. AIS Land Based Station

Name of AIS land based station (max. 20 characters)

Base Station

Manufacturer:
Model:

D. Antenna Details

Contact details

Antenna Make/Model	Antenna Azimuth ° True
Height of Antenna AGL m	Antenna Tilt

Antenna Access (refer step 3)

Is AIS transmitting antenna inaccessible to the public?

Yes No (refer step 3)

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.

E. Applicant's checklist

Recommendation ITU-R M.1371 approval attached

Applicant's Signature

Date / / dd / mm / yyyy
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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

AIS1	AIS2
Message 4	Message 4
Message 20	Message 20

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9 digit MMSI issued	Name	Date
		/ / 20