

Overview

The following listing of ABS Classification notations is comprised of the following headers:

Common Notations and Symbols

The notations and symbols contained under this heading may be applicable to any type of vessel or offshore installation, as indicated by the referenced Rules and Guides (which are mostly available for viewing at <http://www.eagle.org>).

These notations and symbols pertain to hull structure, analyses, equipment, machinery, automation, surveys, etc.

Other Notations for Specific Applications – Bulk Carrier, Container Carrier, Offshore Services, etc.

Following the common notations are groupings by type of vessel or offshore service. The notations contained under the heading for each vessel type are applicable only to that type of vessel.

The types of vessels are organized starting with those that are covered by the *Rules for Building and Classing Steel Vessels* and associated Guides specific to the vessel type and are followed by those vessels covered by the following Rules and Guides:

- *Rules for Building and Classing Steel Vessels Under 90 meters (295 feet) in Length*
- *Rules for Building and Classing Offshore Support Vessels*
- *Guide for Building and Classing International Naval Ships*
- *Rules for Building and Classing High-Speed Craft*
- *Rules for Building and Classing High-Speed Naval Craft*
- *Guide for Building and Classing Yachts*
- *Rules for Building and Classing Steel Barges*
- *Rules for Building and Classing Steel Vessels for Service on Rivers and Intracoastal Waterways*
- *Rules for Building and Classing Underwater Vehicles, Systems and Hyperbaric Facilities*
- *Offshore Service notations, as specified within the referenced Offshore Rules and Guides.*

The example class notations given under “Remarks” on each page are intended only to show the usage of the particular notation on that page and are not necessarily all-inclusive for the particular application/services shown.

Revisions

The following Table lists newly-added Class Notations, the category under which they fall in the list, and the date they were added:

<i>Notation</i>	<i>Category</i>	<i>Date Added</i>
ACS	Common Notations and Symbols	9 Feb 2016
Enhanced VDR	Common Notations and Symbols	
ESA	Common Notations and Symbols	
Fatigue Monitor	Common Notations and Symbols	
Green Seas Warning	Common Notations and Symbols	
HS	Common Notations and Symbols	
Hull Girder Stress	Common Notations and Symbols	
IHM	Common Notations and Symbols	
⊗ IE (Pipe Lay)	Common Notations and Symbols	
LC	Common Notations and Symbols	
Local Load Monitoring	Common Notations and Symbols	
LS	Common Notations and Symbols	
MOT	Common Notations and Symbols	
Navigation	Common Notations and Symbols	
PT	Common Notations and Symbols	
RC	Common Notations and Symbols	
RCM (AMS)	Common Notations and Symbols	
RCM (CRC)	Common Notations and Symbols	
RCM (DPS)	Common Notations and Symbols	
Sea State	Common Notations and Symbols	
Shaft Monitoring	Common Notations and Symbols	
Ship Motion	Common Notations and Symbols	
SL	Common Notations and Symbols	
Slam Warning	Common Notations and Symbols	
ST	Common Notations and Symbols	
TM	Common Notations and Symbols	
VDR	Common Notations and Symbols	
WD	Common Notations and Symbols	
Wind	Common Notations and Symbols	
ABS-ISGOTT	Oil Carriers	
⊗ IRCC-SP xxx/xx	Refrigerated Cargo Carriers	

<i>Notation</i>	<i>Category</i>	<i>Date Added</i>
Escort Vessel	Steel Vessels < 90 m (295 ft)	
Escort Vessel (<i>dual purpose</i>)	Steel Vessels < 90 m (295 ft)	
Fire Fighting Vessel Class 1	Steel Vessels < 90 m (295 ft)	
Fire Fighting Vessel Class 2	Steel Vessels < 90 m (295 ft)	
Fire Fighting Vessel Class 3	Steel Vessels < 90 m (295 ft)	
Fire Fighting Vessel Class 1 and Class 2	Steel Vessels < 90 m (295 ft)	
Fire Fighting Vessel Class 1 and Class 3	Steel Vessels < 90 m (295 ft)	
(Fire Fighting Capability)	Steel Vessels < 90 m (295 ft)	
Oil Recovery Vessel Class 1	Steel Vessels < 90 m (295 ft)	
Oil Recovery Vessel Class 2	Steel Vessels < 90 m (295 ft)	
(Oil Recovery Capability Class 1)	Steel Vessels < 90 m (295 ft)	
(Oil Recovery Capability Class 2)	Steel Vessels < 90 m (295 ft)	
xx m (or ft) Significant Wave Height	High-Speed Craft	
Ambient-Pressure X Submersible	Underwater Vehicles and Systems	
Ambient-Pressure X Passenger Submersible	Underwater Vehicles and Systems	
⊗ CDS(DSC)	Offshore Services	
⊗ CDS(DSD)	Offshore Services	
⊗ CDS(DSP)	Offshore Services	
⊗ CDS(WCS)	Offshore Services	
MARGINAL FIELD (<i>site</i>)	Offshore Services	
PMP	Offshore Services	
Restricted Service – Afloat Condition	Offshore Services	
Restricted Service – Elevated Condition	Offshore Services	
RNA	Offshore Services	
⊗ TAM-R	Offshore Services	

Common Notations and Symbols

SYMBOL



DESCRIPTION

The Maltese Cross, ☒, symbol is assigned to vessels and offshore units for which the hull construction and/or the manufacture of its machinery and components and any associated required testing, as applicable, is carried out under ABS survey. For a vessel or offshore unit constructed under survey of another recognized Classification Society or Authority, the Maltese Cross, ☒, symbol will be omitted from the hull and/or machinery classification notations.

REFERENCES

1-1-3/1 and 1-1-3/9 of the *Rules for Conditions of Classification (Part 1)*

1-1-3/1 and 1-1-3/7 of the *Rules for Conditions of Classification – Offshore Units and Structures (Part 1)*

1-1-3/1 and 1-1-3/5 of the *Rules for Conditions of Classification – High-Speed Craft (Part 1)*

REMARKS

Classification symbol whose meaning is the same within all ABS Rules and Guides.

Example:

	Vessels have been built under ABS survey	Vessels have not been built under ABS survey
Hull and Equipment:	☒ A1	A1
Machinery, boiler and systems	☒ AMS	AMS
Shipboard automation systems	☒ ACCU	ACCU

Common Notations and Symbols

SYMBOLS

☒ A1

DESCRIPTION

A1 is a classification symbol that, together with the Maltese Cross ☒ symbol, indicates compliance with the Hull requirements of the ABS Rules or their equivalent for unrestricted ocean service and survey by ABS during construction of the vessel. The symbols ☒ **A1** may be followed by appropriate vessel type notation such as **Oil Carrier, Bulk Carrier, Fuel Oil Carrier, Ore Carrier, Passenger Vessel, Vehicle Carrier, Container Carrier, Towing Vessel, Refrigerated Cargo Carrier, Liquefied Gas Carrier**, etc. The Maltese Cross ☒ symbol will be omitted for vessels that have not been built under survey by ABS.

REFERENCES

1-1-3/1 and 1-1-3/9 of the *Rules for Conditions of Classification (Part 1)*

1-1-3/1 and 1-1-3/7 of the *Rules for Conditions of Classification – Offshore Units and Structures (Part 1)*

1-1-3/1 and 1-1-3/5 of the *Rules for Conditions of Classification – High-Speed Craft (Part 1)*

REMARKS

Classification symbols whose meaning is the same within all ABS Rules and Guides as regards to indicating compliance with hull/structural related requirements.

Common Notations and Symbols

SYMBOL

Ⓔ

DESCRIPTION

Circle E, Ⓔ, is a classification symbol that signifies that the equipment of anchors and chain cables of the vessel is in compliance with the requirements of the Rules, or with the requirements corresponding to the service limitations noted in the vessel's classification which have been specifically approved for the particular service. Compliance with Ⓔ requirements is a condition of classification for vessels, for which the equipment number (EN) calculated in accordance with 3-5-1/3.1 of the *ABS Rules for Building and Classing Steel Vessels* is equal to or greater than 205.

Vessels intended for towing operation or vessels for which EN is less than 205 are not required to have Ⓔ as a condition of classification. (See 3-5-1/7 of the *ABS Rules for Building and Classing Steel Vessels Under 90 meters (295 feet) in Length*.)

For self-propelled mobile offshore units, symbol Ⓔ is mandatory and all anchoring (temporary mooring) equipment is to be fabricated and tested in presence of and to the satisfaction of the attending Surveyor, and certified in accordance with 6-1-10/Table 1 of the *ABS Rules for Building and Classing Mobile Offshore Drilling Units*.

For non-propelled mobile offshore units fitted with an anchoring (temporary mooring) equipment, if the optional symbol Ⓔ is requested, equipment is to be fabricated and tested in presence of and to the satisfaction of the attending Surveyor, and certified in accordance with 6-1-10/Table 1 of the *ABS Rules for Building and Classing Mobile Offshore Drilling Units*.

REFERENCES

1-1-3/11 of the *Rules for Conditions of Classification (Part 1)*

1-1-3/1.9 of the *Rules for Conditions of Classification – Offshore Units and Structures (Part 1)*

1-1-3/9 of the *Rules for Conditions of Classification – High-Speed Craft (Part 1)*

REMARKS

Classification symbol which is applicable for temporary mooring of vessels within a harbor or other area of sheltered water

Example – ✕ A1, Oil Carrier, Ⓔ...

Common Notations and Symbols

NOTATION

☒ **A1** (*special purpose*)

DESCRIPTION

The symbols ☒ **A1** followed by a Notation of the trade for which specific arrangements and scantlings have been approved (i.e. Ferry Service, Dredging, Fishing, etc.) and to which the special purpose vessels have been built to the satisfaction of the ABS Surveyors.

REFERENCES

1-1-3/5 of the *Rules for Conditions of Classification (Part 1)*

1-1-3/3 of the *Rules for Conditions of Classification – Offshore Units and Structures (Part 1)*

REMARKS

Example – ☒ **A1, Ferry Service...**

☒ **A1, Dredging...**, etc.

Common Notations and Symbols

NOTATION

⊗ A1 (*geographical limitations*)

DESCRIPTION

The symbols ⊗ A1 followed by a notation of the service limitations is to be assigned to vessels, which have been built to the satisfaction of ABS Surveyors to specific requirements for restricted service, which have been approved by the ABS Classification Committee for the particular service. (e.g., **Gulf of Mexico, Philippine Inter-Island Service, etc.**)

REFERENCES

1-1-3/7 of the *Rules for Conditions of Classification (Part 1)*

1-1-3/1.9 of the *Rules for Conditions of Classification – Offshore Units and Structures (Part 1)*

1-2-2/7.19 of the *Rules for Conditions of Classification – High-Speed Craft (Part 1)*

REMARKS

Example – ⊗ A1, Ferry, **Inter-Island Service**, ⊕...

Common Notations and Symbols

NOTATION

☒ **AMS**

DESCRIPTION

AMS is a classification notation that, together with the Maltese Cross ☒ symbol, indicates that a vessel's machinery, boilers and systems have been constructed and installed under ABS survey in accordance with the requirements of the ABS Rules. The ☒ **AMS** notation is intended for all new construction of ABS classed self-propelled vessels and offshore units.

REFERENCES

1-1-3/13 of the *Rules for Conditions of Classification (Part 1)*

1-1-3/25 of the *Rules for Conditions of Classification – Offshore Units and Structures (Part 1)*

1-1-3/11 of the *Rules for Conditions of Classification – High-Speed Craft (Part 1)*

REMARKS

Classification notation whose meaning is the same within all ABS Rules and Guides as regards to indicating compliance with machinery related requirements on self-propelled vessels and offshore units.

Example – ☒ A1, Oil Carrier, Ⓢ, ☒ **AMS**...

Common Notations and Symbols

NOTATION

AMS

DESCRIPTION

The **AMS** notation, without the Maltese Cross ☒ symbol, is assigned to self-propelled vessels and offshore units for which the machinery, boilers and systems have not been constructed and installed under ABS survey, but are found satisfactory with regard to ABS requirements.

REFERENCES

1-1-3/15 of the *Rules for Conditions of Classification (Part 1)*

1-1-3/13 of the *Rules for Conditions of Classification – High-Speed Craft (Part 1)*

REMARKS

Classification notation whose meaning is the same within all ABS Rules and Guides as regards to indicating compliance with machinery related requirements on self-propelled vessels and offshore units.

Example – A1, Oil Carrier, ☒, **AMS**...