

GUIDE FOR

THE ENVIRONMENTAL PROTECTION NOTATION FOR VESSELS SEPTEMBER 2009

Guide to Color Coding Used in Online Version of the Guide

The following summarizes the colors corresponding to Rule Changes, Corrigenda items and editorial changes in the Guide files which are available for download.

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Foreword

Since the introduction of the *ABS Guide for the Class Notation Environmental Safety (ES)* in March 2001, technological advancements have occurred that help to diminish the impact of environmental discharges. Also, international treaties and conventions, aimed at further protecting the environment, have introduced more stringent requirements towards the prevention of environmental pollution.

This Guide is for the use of designers, builders, Owners, and Operators in the marine industry and specifies the ABS requirements and criteria for obtaining the optional notations Environmental Protection (**ENVIRO**) or Environmental Protection Plus (**ENVIRO+**) for vessels. The **ENVIRO** notation identifies the level of compliance with international environmental protection requirements and integrates associated ABS requirements which influence environmental protection. For the **ENVIRO+** notation, this Guide invokes compliance with more stringent criteria for environmental protection related to design characteristics, management and support systems, sea discharges, and air discharges.

This Guide supersedes the *ABS Guide for the Class Notation Environmental Safety (ES)*, March 2001 (Updated June 2008). Those vessels which currently have an **ES** notation will continue to be eligible to maintain the **ES** notation, provided the requirements contained within the *ES Guide* continue to be satisfied. Vessels under construction as of the date this Guide becomes effective may receive the **ES** notation, provided that the **ES** notation was requested prior to the date this Guide becomes effective. A vessel is “under construction”, for purposes of this provision, if the contract date for construction between the shipbuilder and the prospective owner is prior to the date this Guide becomes effective. The **ENVIRO** or the **ENVIRO+** notations are available to vessels contracted for construction after the effective date of this Guide and those existing vessels which currently maintain the **ES** notation provided the requirements contained in this Guide are satisfied.

The effective date of this Guide is the first day of the month of publication.



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SECTION 1 General

1 Scope and Application

This Guide has been developed with the objective of promoting an environmentally focused design, construction, and operation of ABS-classed vessels. The requirements specified in this Guide are additional to all other relevant requirements of ABS Rules and Guides. This Guide identifies a foundational level which establishes that a vessel complies with international environmental regulations and associated ABS Rules or Guides which are aimed at enhancing environmental protection. In addition, it establishes standards for a higher level of environmental protection that can be achieved through compliance with more stringent criteria related to design characteristics, management and support systems, sea discharges, and air discharges.

Vessels designed, constructed, and operated in compliance with the foundational requirements of this Guide may be assigned a class notation **ENVIRO**, Environmental Protection. Vessels in compliance with the higher level requirements of this Guide may be assigned a class notation **ENVIRO+**, Environmental Protection Plus.

3 Basis of Notation

In general, the requirements of this Guide are based on applicable international regulations and standards. If an international regulation or standard has been adopted by its oversight authority (regardless of the status of the ratification process), it is applicable to the appropriate notations of this Guide.

Where a flag or port Administration or local governmental authority has additional requirements related to environmental protection that are not addressed by this Guide, it is the responsibility of the Owner or Operator to comply with such regulations.

3.1 ENVIRO Notation

Compliance with the applicable requirements of Annexes I, II, IV, V, and VI to the International Convention for the Prevention of Pollution from Ships, MARPOL 73/78, as amended, is a prerequisite for receiving the class notation **ENVIRO**. See Section 3 of this Guide for additional requirements.

3.3 ENVIRO+ Notation

Compliance with applicable requirements of the **ENVIRO** notation and Annexes I, II, IV, V, and VI to the International Convention for the Prevention of Pollution from Ships, MARPOL 73/78, as amended, is a prerequisite for receiving the class notation **ENVIRO+**. See Section 4 of this Guide for additional requirements.

SECTION 2 Documentation

1 Certification and Documentation

1.1 ENVIRO Notation

The following certification and documentation are required, as applicable, to receive the Environmental Protection, **ENVIRO**, notation:

- i) Documentation verifying compliance with the ABS requirements for the class notation **ACC** or **ACCU** (See 3/1.1)
- ii) Safety Management Certificate in accordance with the International Safety Management Code (ISM Code)
- iii) Documentation verifying a contract with the [ABS Rapid Response Damage Assessment \(RRDA\) program](#), or with a similar program of another IACS Member Society
- iv) International Oil Pollution Prevention Certificate (IOPPC)
- v) International Pollution Prevention Certificate for the Carriage of Noxious Liquid Substances in Bulk (NLS Certificate)
- vi) Certification for the sewage system, and where fitted, sewage treatment plant, in accordance with MARPOL 73/78 Annex IV or equivalent marine sanitation device of USCG regulations Title 33 CFR Part 159
- vii) Documentation verifying compliance with the requirements in Annex V to MARPOL 73/78
- viii) Documentation verifying compliance with the requirements in the International Convention for the Control and Management of Ship's Ballast Water and Sediments, 2004
- ix) International Anti-Fouling System Certificate
- x) Declaration on Anti-Fouling System
- xi) International Air Pollution Prevention Certificate (IAPPC), or statement of compliance relating to NO_x control in accordance with MARPOL 73/78 Annex VI, Regulation 13. Further explanations of the Regulations (e.g., backgrounds, outlines, etc.) are available in the *ABS Guidance Notes on the Prevention of Air Pollution from Ships*.

1.3 ENVIRO+ Notation

In addition to 2/1.1, the following certification and documentation are required, as applicable, to receive the Environmental Protection Plus, **ENVIRO+**, notation:

- i) Documentation indicating relevant navigational equipment complies with criteria of Part C, *ABS Guide for Bridge Design and Navigational Equipment/Systems*
- ii) Incinerator type approval certificate in accordance with IMO Resolution MEPC 76(40) and Resolution MEPC.93(45), Amendments to the Standard Specification for Shipboard Incinerators