

Rules for Building and Classing

High-Speed Craft

Notices and General Information



July 2023



RULES FOR BUILDING AND CLASSING

HIGH-SPEED CRAFT JULY 2023

NOTICES AND GENERAL INFORMATION

**American Bureau of Shipping
Incorporated by Act of Legislature of
the State of New York 1862**

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Notices and General Information

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Notices and General Information

Introduction

1. The year 2023 edition of the *Rules for Building and Classing High-Speed Craft* consists of the seven (7) booklets as shown in Table 1. With regard to three booklets, Part 1, Part 2, and Part 7:
 - a) The purpose of the generic title *ABS Rules for Conditions of Classification – High-Speed Craft (Part 1)* is to reflect the expanded contents of PART 1, as a result of including consolidated requirements for “Classification” applicable to all types of and sizes of high-speed craft as specified in the Foreword to Part 1. Additional specific requirements are contained in Chapter 2 of Part 1.
 - b) The purpose of the generic title *ABS Rules for Materials and Welding* of PART 2 is to emphasize the common applicability of the requirements to ABS-classed vessels, other marine structures and their associated machinery, and thereby make PART 2 more readily a common “PART” of various ABS Rules and Guides, as appropriate.
 - c) The purpose of the generic title *ABS Rules for Survey After Construction (Part 7)* is to reflect the expanded contents of PART 7, as a result of including consolidated requirements for “Surveys After Construction” applicable to all types and sizes of vessels, barges and specific shipboard arrangements/systems, etc., as specified in Part 7, Chapter 1, Section 1.
2. The numbering system applied in the Rules is shown in Table 2.
3. The primary changes from the January 2023 Rules are identified and listed in Table 3. The effective date of the indicated Rule Changes is 1 July 2023, unless specifically indicated otherwise.
4. The effective date of each technical change since 1993 is shown in parenthesis at the end of the subsection/paragraph titles within the text of each Part. Unless a particular date and month are shown, the years in parentheses refer to the following effective dates:

(2000) and after	1 January 2000 (and subsequent years)	(1996)	9 May 1996
(1999)	12 May 1999	(1995)	15 May 1995
(1998)	13 May 1998	(1994)	9 May 1994
(1997)	19 May 1997	(1993)	11 May 1993

For certain changes that have a major impact on shipyards, designers and vendors, ABS has instituted a two-year Rule cycle to give the industry more time to prepare for these changes. The text of these changes will appear in a box along with the effective date just under the existing Rule requirement.

5. The listing of CLASSIFICATION SYMBOLS AND NOTATIONS is available from the ABS website www.eagle.org for download.

TABLE 1
Applicable Editions of Booklets Comprising July 2023 High-Speed Craft Rules

Notices and General Information		July 2023
Part 1:	Rules for Conditions of Classification – High-Speed Craft	July 2023*
Part 2:	Rules for Materials and Welding Rules for Testing and Certification of Materials Rules for Welding and Fabrication	July 2023*
Part 3:	Hull Construction and Equipment	January 2023
Part 4:	Craft Systems and Machinery	July 2023
Part 5:	Specialized Craft and Services	January 2023
Part 7:	Rules for Survey After Construction	July 2023*

* **Note:** The latest edition of these Rules is to be referred to. These Rules may be downloaded from the ABS website at www.eagle.org, Rules and Guides, Downloads or may be ordered separately from the ABS Publications online catalog at www.eagle.org, Rules and Guides, Catalog.

TABLE 2
Division and Numbering of Rules

<i>Division</i>	<i>Number</i>
Part	Part 1
Chapter	Part 1, Chapter 1
Section	Section 1-1-1
Subsection (see Note 1)	1-1-1/1
Paragraph (see Note 1)	1-1-1/1.1
Subparagraph	1-1-1/1.1.1
Item	1-1-1/1.1.1(a)
Subitem	1-1-1/1.1.1(a)i
Appendix	Appendix 1-1-A1 or Appendix 1-A1-1

Note:

- 1 An odd number (1, 3, 5, etc.) numbering system is used for the Rules. The purpose is to permit future insertions of even-numbered paragraphs (2, 4, 6, etc.) of text and to avoid the necessity of having to renumber the existing text and associated cross-references, as applicable, within the Rules and associated process instructions, check sheets, etc.

Rule Change Notice (1 July 2023)

TABLE 3
Summary of Changes from the January 2023 Rules
EFFECTIVE DATE 1 July 2023 – shown as (1 July 2023)

<i>Part/Para. No.</i>	<i>Title/Subject</i>	<i>Status/Remarks</i>
PART 1	Rules for Conditions of Classification – High-Speed Craft	
1-1-3/11	Classification Symbols and Notations	To remove the requirement for PQA and add thrusters to the equipment for clarification and to add commentary for when OEM does not have full Type Approval.
1-1-6/13	Submission of Plans	To simplify the plan submittal process and align it with our legal duty to verify compliance with IMO, IACS requirements related to Asbestos-free declaration. This newly created section proposes a consolidated ABS policy regarding Asbestos-free declaration whereby individual declarations are no longer necessary.

EFFECTIVE DATE 1 July 2023 – shown as (1 July 2023)
(based on the contract date for new construction between builder and Owner)

<i>Part/Para. No.</i>	<i>Title/Subject</i>	<i>Status/Remarks</i>
PART 4	Craft Systems and Machinery	
4-1-1/3.7	Classification of Machinery	To add a paragraph to make the dot AMS more visible for equipment manufacturers and link back to Part 1 requirements.
4-3-3/11.3.5	Steering Gear	To specify that a system response without manual intervention is not mandatory for mechanical failures such as hydraulic locking, in line with IACS UR E25 Rev.2.
4-3-5/1, 3, 5, 9, 13	Propulsion Redundancy	To provide requirements for R2N notation and to add requirements for Operation Manual to include (Engineering Operation Sequencing System (EOSS).
4-4-2/7.1, 7.5.7, 7.5.7(a), 7.21	Pumps, Pipes, Valves and Fittings	To clarify “existing fire endurance”, provide requirements for test specimens and onboard testing, in line with IACS UR P4 Rev.7.
4-6-4/1.1	Machinery and Equipment	To expand and clarify document submission requirements for rotating machinery.
4-6-4/3.3.1(a), Table 1	Machinery and Equipment	To prevent incidents of generator failures by adding additional requirements for factory testing.