

Rules for Building and Classing

Light Warships, Patrol and High-Speed Naval Vessels

Notices and General Information



July 2024



RULES FOR BUILDING AND CLASSING

**LIGHT WARSHIPS, PATROL AND HIGH-SPEED NAVAL
VESSELS
JULY 2024**

**NOTICES AND
GENERAL INFORMATION**

**American Bureau of Shipping
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Notices and General Information

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Notices and General Information

Introduction

1. The 2024 edition of the *Rules for Building and Classing Light Warships, Patrol and High-Speed Naval Vessels* consists of the Parts as shown in Table 1. In this regard, we would bring the following to the user’s attention:
 - a) The purpose of the generic title *ABS Rules for Conditions of Classification – High-Speed Craft (Part 1C)* is to reflect the expanded contents of PART 1C, 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 1C. Additional specific requirements are contained in Chapter 3 of Part 1C.
 - b) The purpose of the generic booklet *ABS Rules for Alternative Arrangements, Novel Concepts and New Technologies (Part 1D)* is to introduce a procedure for acceptance of alternative arrangements, novel concepts, and new technologies based on Goals and Functional Requirements, including a consolidated list of Tier 1 Goals.
 - c) 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.
 - d) 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 2024 Rules are identified and listed in Table 3. The effective date of the indicated Rule Changes is 1 July 2024, 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 2024 Light and High-Speed Naval Vessel Rules

Notices and General Information		July 2024
Part 1C:	Rules for Conditions of Classification – High-Speed Craft	July 2024*
Part 1D:	Rules for Alternative Arrangements, Novel Concepts and New Technologies	January 2024*
Part 2:	Rules for Materials and Welding Rules for Testing and Certification of Materials Rules for Welding and Fabrication	July 2024*
Part 2:	Rule Requirements for Materials and Welding – Supplementary Requirements for Naval Vessels	2000*
Part 3:	Hull Construction and Equipment	July 2024
Part 4:	Craft Systems and Machinery	July 2024
Part 7:	Rules for Survey After Construction	July 2024*

* **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 Resources, Rules and Guides.

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 2024)

TABLE 3
Summary of Changes from the January 2024 Rules
EFFECTIVE DATE 1 July 2024 – shown as (1 July 2024)

<i>Part/Para. No.</i>	<i>Title/Subject</i>	<i>Status/Remarks</i>
PART 1C	Rules for Conditions of Classification – High-Speed Craft	
1C-1-2/7.1	Suspension and Cancellation of Classification	To clarify that any statutory certificates issued to a facility by ABS are invalidated and no longer supported when class is suspended.
1C-1-6/13	Submission of Plans	To add clarification and commentary to asbestos free declaration in line with current ABS practice.
1C-1-A2/5.5	ABS Type Approval Program	To replace final approval by the Manager of the Type Approval Program with local area operations manager, since Operations will take the responsibility in issuing PQA certificates and letters to clients per the updated ABS practice.
1C-2-6/1	Conditions for Surveys After Construction	To clarify that a craft owner is to contact ABS in the event of their craft being boarded by a Port State authority or Flag State administration resulting in a detention or found deficiencies that affect class or statutory certificates issued by ABS.

EFFECTIVE DATE 1 July 2024 – shown as (1 July 2024)
 (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 3	Hull Construction and Equipment	
3-1-3/11.3.3	Direct Analysis Methods	To correct the use of unwelded yield to welded yield for calculating global longitudinal and transverse stresses, since unwelded results in high allowable component stresses.
PART 4	Craft Systems and Machinery	
4-9-8	Computer-based Systems	To delete the requirements in the section and add cross reference to MVR 4-9-3.