

Rules for Building and Classing

Floating Production Installations

Notices and General Information



July 2024



RULES FOR BUILDING AND CLASSING

**FLOATING PRODUCTION INSTALLATIONS
JULY 2024**

**NOTICES AND
GENERAL INFORMATION**

**American Bureau of Shipping
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Notices and General Information

CONTENTS

Introduction	1
TABLE 1 Applicable Editions of Parts Comprising July 2024 FPI Rules	2
TABLE 2 Division and Numbering of Rules	2
Rule Change Notice (1 July 2024)	3
TABLE 3 Summary of Changes from the January 2024 Rules	3

Notices and General Information

Introduction

1. The 2024 edition of the *Rules for Building and Classing Floating Production Installations* 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 – Offshore Units and Structures (Part 1B)* is to reflect the expanded contents of PART 1B, as a result of including consolidated requirements for “Classification” applicable to all types of and sizes of units, installations, vessels or systems in offshore service, etc., as specified in the Foreword to Part 1B. Additional specific requirements are contained in Part 1 of these *Rules for Building and Classing Floating Production Installations*.
 - 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.
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 Parts Comprising July 2024 FPI Rules

Rules for Building and Classing Floating Production Installations		
Notices and General Information		July 2024
Part 1:	Conditions of Classification (Supplement to the ABS Rules for Condition of Classification – Offshore Units and Structures) ⁽¹⁾	July 2024
Part 3:	Installation Types, Functions, Features and General Requirements	July 2024
Part 4:	Units Systems (Process and Import/Export)	January 2024
Part 5A:	Ship-Type Installations	July 2024
Part 5B:	Other Installation Types	January 2024
Part 6:	Mooring Systems	January 2024
Part 7:	Surveys After Construction	July 2024
Rules for Conditions of Classification – Offshore Units and Structures – not included ^(1,2)		
Part 1B:	Rules for Conditions of Classification – Offshore Units and Structures	July 2024
Rules for Alternative Arrangements, Novel Concepts and New Technologies – not included ⁽²⁾		
Part 1D:	Rules for Alternative Arrangements, Novel Concepts and New Technologies	January 2024
Rules for Materials and Welding – not included ⁽²⁾		
Part 2:	Rules for Materials and Welding	July 2024

Notes:

- 1 The requirements for conditions of classification are contained in the separate, generic ABS *Rules for Conditions of Classification – Offshore Units and Structures (Part 1B)*. Additional specific requirements are contained in Part 1 of these Rules.
- 2 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)
(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 1	Conditions of Classification	
1-1-2/5.11.6	System Classification, Symbols and Notations	To remove the Commentary for change in Notation to Barge and Oil Carrier, since these may be impracticable.
PART 3	Installation Types, Functions, Features and General Requirements	
3-3-1/19	All Installations	To allow uncoated underdeck structure in cargo oil tanks subject to certain additional conditions in design and survey.
PART 5A	Ship-Type Installations	
5A-1-1/3.17	General	To indicate that the additional independent slop tank is only required if the two (2) slop tanks do not follow the staggered survey regime.
5A-1-3/1.13	Structural Design and Analysis of the Hull	To indicate that, for topside modules of ship-type units, material certification by ABS is not required, provided material specification is submitted for approval and verified during construction by our attending Surveyor.
5A-1-7 (New)	Service Life Enhancement Notation	To introduce a new optional SLE Notation and move requirements from mandatory sections of the Rules.
5A-2-1/9.11	General	To address gaps in conversion requirements for decommissioned machinery and assessment of existing SW Piping Systems due to recent failures in retained Salt Water (SW) piping systems.
5A-3-1/5.1	General	To update MARPOL references to MARPOL Annex 1 and MEPC.311(73) – 2018 Guidelines for the Application of MARPOL Annex I Requirements to Floating Production, Storage and Offloading Facilities (FPSOs) and Floating Storage Unit (FSUs).
5A-3-1/5.35 and 5.39	General	To indicate that the additional independent slop tank is only required if the two (2) slop tanks do not follow the staggered survey regime.

Part 7 “Surveys”

The reference date which is indicated in the parentheses following the title of the requirement in this Part is the date that the requirement becomes effective [e.g., 7-2-1/3.5, 21.1 “Conditions for Surveys After Construction” (1 July 2024) is to apply for installations undergoing survey on or after 1 July 2024].

EFFECTIVE DATE 1 July 2024 – shown as (1 July 2024)

<i>Part/Para. No.</i>	<i>Title/Subject</i>	<i>Status/Remarks</i>
PART 7	Surveys	
7-2-1/3.5, 21.1	Conditions for Surveys After Construction	To correct an inconsistency in the requirements for Laid-Up units that are remaining offshore.
7-2-2/7, 7.1	Survey Intervals	To clarify that HBL is limited to 12 months or less with Special Consideration to beyond 12 months.
7-2-2/9	Survey Intervals	To permit the owners and operators to waive this Survey based on a risk-based approach, since there is little risk for a mooring system failure that could be detected at the first Drydocking/UWILD Survey if installation activities were properly carried out and thoroughly examined.

Notices and General Information

<i>Part/Para. No.</i>	<i>Title/Subject</i>	<i>Status/Remarks</i>
7-2-4/3.2.1(a)	Annual Surveys	To provide clarification regarding removal of hard scale for assessment of the Main Deck on FPIs to help prevent holes form developing and to mitigate the collection of water and debris on the side shell stringers and stiffeners in the Engine Room Spaces that resulted in holes in the shell plating (loss of integrity).
7-2-5/3.1.5(a)	Intermediate Surveys	To indicate that the additional independent slop tank is only required if the two (2) slop tanks do not follow the staggered survey regime.
7-2-6/1, 3.1.6(f)	Special Periodical Surveys (SPS)	To apply only for life extension process over 5 years and prior to the end of each Special Survey during the life extension period, to change from "Renewal Thickness" to Original/Reassessed Thickness" for pitting evaluation/repairs and to indicate that the additional independent slop tank is only required if the two (2) slop tanks do not follow the staggered survey regime.
7-2-6/3.1.5	Special Periodical Surveys (SPS)	To provide clarification regarding removal of hard scale for assessment of the Main Deck on FPIs to help prevent holes form developing.
7-2-6/3.1.6(b)	Special Periodical Surveys (SPS)	To mitigate the collection of water and debris on the side shell stringers and stiffeners in the Engine Room Spaces that resulted in holes in the shell plating (loss of integrity).
7-2-6/3.1.9	Special Periodical Surveys (SPS)	To provide clarification with regards to gauging activities for Girth Belts and longitudinal bulkheads in COTs required by 7-2-6/1.