

GUIDE FOR BUILDING AND CLASSING

FLOATING PRODUCTION INSTALLATIONS SEPTEMBER 2007

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Note: The Part/Chapter/Section headings and references in the “Paragraph” column relate to the printed 2007 FPI Guide. Changes to Part 1, Chapter 1 references noted in the “Comments” column are due to the publication of the consolidated ABS Rules for Conditions of Classification – Offshore Units and Structures (Part 1), which resulted in the Sections of Part 1, Chapter 1 of the FPI Guide being renumbered (for example, Section 1-1-3 is now Section 1-1-2). See Notice No. 2.

Page No.	Paragraph	Comments
Table of Contents		
v	TOC	Add new note below Part 1, Chapter 1, as follows, “[See also separately published booklet <i>ABS Rules for Conditions of Classification – Offshore Units and Structures (Part 1)</i>].”

Part	1	General Requirements
Chapter	1	Scope and Conditions of Classification
Section	3	System Classification Boundaries, Symbols and Notations
16	1-1-3/5.1	Reference “1-1-3/7” to read “1-1-2/7”.
17	1-1-3/5.9	In first paragraph, reference “Part 1, Chapter 4, Part 2, Chapter 1 and Part 2, Appendix 1 of this Guide and Section 5C-1-7 of the <i>Steel Vessel Rules (2007)</i> ” to read “Part 1, Chapter 4 and Part 2, Chapter 1 of this Guide and Section 5C-1-7 and Part 5C, Appendix 1 of the <i>Steel Vessel Rules (2007)</i> ”.
20	1-1-3/11	Reference “3-5-1/3 of the <i>MODU Rules</i> ” to read “3-4-1/3 of the <i>MODU Rules</i> ”.
20	1-1-3/13	Reference “1-1-3/3 through 1-1-3/13” to read “1-1-2/3 through 1-1-2/9”.

Part	1	General Requirements
Chapter	1	Scope and Conditions of Classification
Section	4	Rules and the Criteria Presented for Classification
21	1-1-4/1	Reference “Section 1-1-3” to read “Section 1-1-2”.

Part	1	General Requirements
Chapter	1	Scope and Conditions of Classification
Section	7	Submission of Plans, Data and Calculations
30	1-1-7/9	In second paragraph, references “1-1-3/5, 1-1-3/9, 1-1-3/11, 1-1-3/13” to read “1-1-2/5, 1-1-2/9, 1-1-2/11, 1-1-2/13”.
30	1-1-7/9	In third paragraph, references “1-1-3/5, 1-1-3/9, 1-1-3/11, 1-1-3/13, 1-1-5/3 or 1-1-5/5” to read “1-1-2/5, 1-1-2/9, 1-1-2/11 or 1-1-2/13, of this Guide or 1-1-5/3 or 1-1-5/5 of the <i>ABS Rules for Conditions of Classification – Offshore Units and Structures (Part 1)</i> ”.

Part	1	General Requirements
Chapter	2	Definitions
Section	1	Basic Configurations
47	1-2-1/3	In second-to-last paragraph, reference “Section 1-1-3” to read “Section 1-1-2”.

Page No.	Paragraph	Comments
Part 1 Chapter 3 Section 3	General Requirements Environmental Loading and Design Basis Design Conditions	
63	1-3-3/1.1	In last paragraph, reference “1-1-3/5.1” to read “1-1-2/5.1”.

Part 1 Chapter 3 Section 4	General Requirements Environmental Loading and Design Basis Environmental Conditions	
67	1-3-4/1	In second paragraph, reference “1-1-7/3” to read “1-1-4/3”.

Part 1 Chapter 4 Section 1	General Requirements Floating Installations: Ship, Column-Stabilized and Other Types All Vessels	
79	1-4-1/1	In third paragraph, reference “Section 1-1-7” to read “Section 1-1-4”.
80	1-4-1/7	In second paragraph, reference “Section 1-1-8 of the <i>MODU Rules</i> ” to read “Section 1-1-5 of the <i>MODU Rules</i> ”.
81	1-4-1/13	References “1-1-3/11, 1-1-3/13 and 1-4-2/11.17” to read “1-1-2/11 and 1-4-2/11.11”.

Part 1 Chapter 4 Section 2	General Requirements Floating Installations: Ship, Column-Stabilized and Other Types Ship-Type Vessels	
83	1-4-2/1	In third paragraph, reference “1-1-3/5” to read “1-1-2/5”.
88	1-4-2/13.3	In fifth paragraph, reference “Part 2, Chapter 1, Appendix 3” to read “Appendix 2-1-A3”.
89	1-4-2/13.3	In last paragraph, reference “1-1-3/5” to read “1-1-2/5”.
91	1-4-2/15.1.1	Reference “ <i>ABS Guidance for the Finite Element Analysis of Tanker Structures</i> ” to read “ <i>ABS Guidance Notes on SafeHull Finite Element Analysis of Hull Structures</i> ”.
93	1-4-2/17.3	Reference “Chapter 6, Section 9 of this Guide” to read “Section 1-6-9 of this Guide”.
94	1-4-2/19	In first paragraph, reference “4-6/15.3” to read “1-4-6/15.3.1 through 1-4-6/15.3.4 and 1-4-6/15.3.6”.

Part 1 Chapter 4 Section 3	General Requirements Floating Installations: Ship, Column-Stabilized and Other Types Column-Stabilized Vessels	
95	1-4-3/5	In second paragraph, reference “1-1-7/1 of the <i>MODU Rules</i> ” to read “1-1-4/1 of the <i>MODU Rules</i> ”.
96	1-4-3/9.3	Reference “3-2-4/3.17 of the <i>MODU Rules</i> ” to read “3-2-4/7.1 of the <i>MODU Rules</i> ”.
96	1-4-3/9.9	Reference “3-2-2/13 of the <i>MODU Rules</i> ” to read “5-3-1/5 of the <i>MODU Rules</i> ”.
99	1-4-3/21	Reference “Part 4, Chapter 4 of the <i>MODU Rules</i> ” to read “Part 5, Chapter 2 of the <i>MODU Rules</i> ”.
100	1-4-3/25ii)	Reference “Section 1-1-7 of the <i>MODU Rules</i> ” to read “Section 1-1-4 of the <i>MODU Rules</i> ”.

Page No.	Paragraph	Comments
Part 1 Chapter 4 Section 3	General Requirements Floating Installations: Ship, Column-Stabilized and Other Types Column-Stabilized Vessels	
100	1-4-3/25iii)	Reference “Section 1-1-7 of the <i>MODU Rules</i> ” to read “Section 1-1-4 of the <i>MODU Rules</i> ”.
100	1-4-3/25v)	Reference “4-2-3/13 of the <i>MODU Rules</i> ” to read “4-2-4/13 of the <i>MODU Rules</i> ”.
100	1-4-3/25vi)	Reference “4-2-3/15.3 of the <i>MODU Rules</i> ” to read “4-2-3/1.3 of the <i>MODU Rules</i> ”.
100	1-4-3/25vii)	Reference “4-2-3/3.3 of the <i>MODU Rules</i> ” to read “4-2-4/3.3 of the <i>MODU Rules</i> ”.
100	1-4-3/25viii)	Reference “4-2-3/1.1 of the <i>MODU Rules</i> ” to read “4-2-4/1.1 of the <i>MODU Rules</i> ”.
100	1-4-3/25x)	Reference “4-2-3/17 of the <i>MODU Rules</i> ” to read “4-2-3/3 of the <i>MODU Rules</i> ”.
100	1-4-3/25xi)	Reference “4-2-1/9.19, 4-2-2/21.9 and 4-2-3/13 of the <i>MODU Rules</i> ” to read “4-2-1/7.19, 4-2-2/21.9 and 4-2-4/13 of the <i>MODU Rules</i> ”.

Part 1 Chapter 4 Section 4	General Requirements Floating Installations: Ship, Column-Stabilized and Other Types Existing Tanker Hull Structures (Ordinary Conversions)	
101	1-4-4/1	In second paragraph, reference “1-1-3/5” to read “1-1-2/5”.
102	1-4-4/5.3	Reference “1-1-3/5.9” to read “1-1-2/5.9”.
103	1-4-4/5.7.2	In third paragraph, reference “1-4-2/11, Appendix 1 and Part 2, Chapter 1, Section 2-1-3 of this Guide” to read “1-4-2/11, Appendix 1, and Section 2-1-3 of this Guide”.
105	1-4-4/5.11.3	In second paragraph, references “1-1-3/5.10.2” and “1-1-7/11.3” to read “1-1-2/5.10.2” and “1-1-4/11.3”, respectively.
107	1-4-4/7.1a	Reference “1-1-4/3.5 of the <i>Steel Vessel Rules</i> ” to read “1-1-4/7.5 of the <i>ABS Rules for Conditions of Classification (Part 1)</i> ”, respectively.
107	1-4-4/7.1b	Reference “1-1-4/3.5 of the <i>Steel Vessel Rules</i> ” to read “1-1-4/7.5 of the <i>ABS Rules for Conditions of Classification (Part 1)</i> ”, respectively.
109	1-4-4/11.5.3	Reference “1-1-7/11.3 of this Guide” to read “1-1-4/11.3 of this Guide”.

Part 1 Chapter 4 Section 5	General Requirements Floating Installations: Ship, Column-Stabilized and Other Types Tension Leg Platforms	
119	1-4-5/11.11	Reference “3-2-2/13 of the <i>MODU Rules</i> ” to read “5-3-1/5 of the <i>MODU Rules</i> ”.
134	1-4-5/27.1	References “Section 4-2-3 of the <i>MODU Rules</i> ” and “4-2-3/9.3 of the <i>MODU Rules</i> ” to read “Sections 4-2-3 and 4-2-4 of the <i>MODU Rules</i> ” and “4-2-3/9.3 of the <i>MODU Rules</i> ”, respectively.
135	1-4-5/31	Reference “Part 4, Chapter 4 of the <i>MODU Rules</i> ” to read “Part 5, Chapter 2 of the <i>MODU Rules</i> ”.

Page No.	Paragraph	Comments
Part 1 Chapter 4 Section 6	General Requirements Floating Installations: Ship, Column-Stabilized and Other Types Spar Vessels	
145	1-4-5/11.11	Reference “3-2-2/13 of the <i>MODU Rules</i> ” to read “5-3-1/5 of the <i>MODU Rules</i> ”.
150	1-4-6/15.1.2	Reference “1-4/6.13” to read “1-4-6/13”.
157	1-4-6/25.1	Reference “4-2-3/1.1 of the <i>MODU Rules</i> ” and “4-2-3/9.3 of the <i>MODU Rules</i> ” to read “4-2-4/1.1 of the <i>MODU Rules</i> ” and “4-2-4/9.3 of the <i>MODU Rules</i> ”, respectively.
159	1-4-6/29	Reference “Part 4, Chapter 4 of the <i>MODU Rules</i> ” to read “Part 5, Chapter 2 of the <i>MODU Rules</i> ”.
Part 1 Chapter 5 Section 1	General Requirements Position Mooring System Mooring System	
167	1-5-1/13	In fourth bullet, reference “ABS <i>MODU Rules</i> , Section 3-5-1” to read “ABS <i>MODU Rules</i> , Section 3-4-1”.
Part 1 Chapter 6 Section 1	General Requirements Hydrocarbon Production and Process Systems General	
183	1-6-1/3	In table, references “3-8/5.9”, “3-8/5.11” and “3-8/5.13” to read “3-8/5.11”, “3-8/5.13” and “3-8/5.15”, respectively.
183	1-6-1/3	Revise title to read “Installations Classed as FSO or FOI (Production Facilities not Classed)”.
184	1-6-1/5	Revise title to read “Installations Classed as FSO or FOI (with Production Facilities Indicated in the <i>Record</i>)”.
184	1-6-1/5	In table, reference “3-7/17” to read “3-7/13”.
Part 1 Chapter 6 Section 4	General Requirements Hydrocarbon Production and Process Systems Subsea Equipment	
189	-----	In second paragraph, reference “1-1-3/1” to read “1-1-2/1”.
Part 1 Chapter 6 Section 7	General Requirements Hydrocarbon Production and Process Systems Design and Construction	
195	1-6-7/3	Reference “1-1-7/5” to read “1-1-4/5”.
Part 1 Chapter 6 Section 8	General Requirements Hydrocarbon Production and Process Systems Process System	
197	1-6-8/1	Reference “1-1-7/5 of this Guide” to read “1-1-4/5 of this Guide”.
Part 1 Chapter 8 Section 1	General Requirements Installation, Hook-up , and Commissioning General	
223	1-8-1/13	Reference “1-1-7/11” to read “1-1-4/11”.

Page No.	Paragraph	Comments
Part 1 Chapter 9 Section 1	General Requirements Surveys After Installation and Commissioning Surveys	
243	1-9-1/1.5	Reference “1-1-1/1 through 1-1-1/7 hereof” to read “1-1-1/1 through 1-1-1/7 of the <i>ABS Rules for Conditions of Classification – Offshore Units and Structures (Part 1)</i> ”. (2 places)
244	1-9-1/3	Reference “1-1-4/5” to read “1-1-4/9 of the <i>ABS Rules for Conditions of Classification – Offshore Units and Structures (Part 1)</i> ”.
246	1-9-1/19	Reference “1-1-1/1 through 1-1-1/7 hereof” to read “1-1-1/1 through 1-1-1/7 of the <i>ABS Rules for Conditions of Classification – Offshore Units and Structures (Part 1)</i> ”. (2 places)
246	1-9-1/21i)	Reference “1-1-7/11.3” to read “1-1-4/11.3”.
247	1-9-1/23.3	Reference “Section 1-1-9 of the <i>MODU Rules</i> ” to read “Section 1-1-6 of the <i>MODU Rules</i> ”.
Part 1 Chapter 9 Section 2	General Requirements Surveys After Installation and Commissioning Drydocking Surveys	
249	1-9-2/3	Reference “Appendix 5-1-A1 of the <i>MODU Rules</i> ” to read “Section 6-2-6 of the <i>MODU Rules</i> ”.
Part 1 Chapter 9 Section 5	General Requirements Surveys After Installation and Commissioning Special Periodical Surveys – Hull	
258	1-9-5/5.11	Reference “5-1-5/Table 3 of the <i>MODU Rules</i> ” to read “6-2-4/Table 3 of the <i>MODU Rules</i> ”.
258	1-9-5/5.13	Reference “Appendix 5-1-A1 of the <i>MODU Rules</i> ” to read “Section 6-2-6 of the <i>MODU Rules</i> ”.
Part 1 Chapter 9 Section 6	General Requirements Surveys After Installation and Commissioning Annual Surveys – Machinery	
259	1-9-6/3	Reference “Section 5-1-7 of the <i>MODU Rules</i> ” to read “6-2-3/3 of the <i>MODU Rules</i> ”.
Part 1 Chapter 9 Section 7	General Requirements Surveys After Installation and Commissioning Special Periodical Surveys – Machinery	
261	1-9-7/3	Reference “Section 5-1-8 of the <i>MODU Rules</i> ” to read “Section 6-2-4 of the <i>MODU Rules</i> ”.
Part 1 Chapter 9 Section 8	General Requirements Surveys After Installation and Commissioning Special Periodical Surveys – Electrical Equipment	
263	-----	Reference “Section 5-1-11 of the <i>MODU Rules</i> ” to read “Section 6-2-10 of the <i>MODU Rules</i> ”.

Page No.	Paragraph	Comments
Part 2 Chapter 1 Section 3	Ship-Type Vessels Ship-Type Vessels (150 meters (492 feet) or more in Length) Load Criteria	
338	2-1-3/5.7.2(a)	In definition of C_{dp} , reference “2-1-3/5-7-2(d)” to read “2-1-3/5.7.2(d)”.
346	2-1-3/Table 1	References “5-1-3/5”, “5-1-3/5.5” and “5-1-3/5.7” to read “2-1-3/5”, “2-1-3/5.5” and “2-1-3/5.7”, respectively.
365	2-1-3/13.1	In definitions of α_{ij} , β_{ij} , F_{bi} and a_j , reference “2-5-3/Figure 15” to read “2-1-3/Figure 15”.
Part 2 Chapter 1 Section 4	Ship-Type Vessels Ship-Type Vessels (150 meters (492 feet) or more in Length) Initial Scantling Criteria	
400	2-1-4/9.1	In paragraph beginning “ p_a and p_b are...”, reference “5-1-3/Table 3” to read “2-1-3/Table 3”.
Part 2 Chapter 1 Section 5	Ship-Type Vessels Ship-Type Vessels (150 meters (492 feet) or more in Length) Total Strength Assessment	
485	2-1-5/9.1	Reference “ABS <i>Guidance for the Finite Element Analysis of Tanker Structures</i> ” to read “the ABS <i>Guidance Notes on SafeHull Finite Element Analysis of Hull Structures</i> ”.
Part 2 Chapter 2 Section 1	Ship-Type Vessels Ship-Type Vessels (Under 150 meters (492 feet) in Length) Introduction	
547	2-2-1/1.1	Reference “Section 1-1-3 of this Guide” to read “Section 1-1-2 of this Guide”.
Part 2 Chapter 2 Section 3	Ship-Type Vessels Ship-Type Vessels (Under 150 meters (492 feet) in Length) Cargo Oil and Associated Systems	
573	-----	Reference “Section 5-1-7 of the <i>Steel Vessel Rules (January 2005)</i> ” to read “Section 5C-1-7 of the <i>Steel Vessel Rules (2007)</i> ”.