STEEL VESSELS
2009

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Page No.	Paragraph	Comments
Part 3 Hull Construction and Equipment Chapter 2 Hull Structures and Arrangements Section 1 Longitudinal Strength		
33	3-2-1/3.5.1	In second equation of SI/MKS definition of C_1, "$300 < L \leq 350$ m" to read "$300 < L < 350$ m".

Part 3 Hull Construction and Equipment Chapter 2 Hull Structures and Arrangements Section 4 Bottom Structures		
92	3-2-4/13.7	In last line, reference "3-2-4/3.9" to read "3-2-4/3.7".

Part 3 Hull Construction and Equipment Chapter 2 Hull Structures and Arrangements Section 13 Stems, Stern Frames, Rudder Horns, and Propeller Nozzles		
162	3-2-13/Table 4	Equations for b_2 to read: "$b_2 = \left(\frac{t_o}{\sqrt{K_n}} + 5\right) \times 10^{-1}$ mm or $b_2 = \left(\frac{t_o}{\sqrt{K_n}} + 0.2\right) \times 10^{-1}$ in."
163	3-2-13/7.7	In definition of n, "0.004" to read "0.0012".

Part 3 Hull Construction and Equipment Chapter 2 Hull Structures and Arrangements Section 14 Rudders		
180	3-2-14/19.5	In last line, reference "3-2-14/21.3" to read "3-2-14/19.3".

Part 4 Vessel Systems and Machinery Chapter 1 General Section 1 Classification of Machinery		
11	4-1-1/Table 1	Revise table headings under "Type Approval Program [(3)]" to read as follows:

Type Approval Program [(1)]					
Product Design Assessment			*Manufacturing Assessment*		
1-1-A3/5.1			*1-1-A3/5.3*		*1-1-A3/5.5*
Design Review	*Type Exam.*	*Type Test*	*AQS*	*RQS*	*PQA*

Page No.	Paragraph	Comments
Part 4 Vessel Systems and Machinery Chapter 1 General Section 1 Classification of Machinery		
11	4-1-1/Table 1	In Row 4, "NA" in last column to read "o".
12	4-1-1/Table 2	Revise table headings under "Type Approval Program [(3)]" to read as follows: *Type Approval Program [(1)]* *Product Design Assessment* / *Manufacturing Assessment* *1-1-A3/5.1* / *1-1-A3/5.3* / *1-1-A3/5.5* *Design Review* / *Type Exam.* / *Type Test* / *AQS* / *RQS* / *PQA*
13	4-1-1/Table 3	Revise table headings under "Type Approval Program [(3)]" to read as follows: *Type Approval Program [(1)]* *Product Design Assessment* / *Manufacturing Assessment* *1-1-A3/5.1* / *1-1-A3/5.3* / *1-1-A3/5.5* *Design Review* / *Type Exam.* / *Type Test* / *AQS* / *RQS* / *PQA*
14	4-1-1/Table 4	Revise table headings under "Type Approval Program [(3)]" to read as follows: *Type Approval Program [(1)]* *Product Design Assessment* / *Manufacturing Assessment* *1-1-A3/5.1* / *1-1-A3/5.3* / *1-1-A3/5.5* *Design Review* / *Type Exam.* / *Type Test* / *AQS* / *RQS* / *PQA*
15	4-1-1/Table 5	Revise table headings under "Type Approval Program [(3)]" to read as follows: *Type Approval Program [(1)]* *Product Design Assessment* / *Manufacturing Assessment* *1-1-A3/5.1* / *1-1-A3/5.3* / *1-1-A3/5.5* *Design Review* / *Type Exam.* / *Type Test* / *AQS* / *RQS* / *PQA*
16	4-1-1/Table 6	Revise table headings under "Type Approval Program [(3)]" to read as follows: *Type Approval Program [(1)]* *Product Design Assessment* / *Manufacturing Assessment* *1-1-A3/5.1* / *1-1-A3/5.3* / *1-1-A3/5.5* *Design Review* / *Type Exam.* / *Type Test* / *AQS* / *RQS* / *PQA*

Part 4 Vessel Systems and Machinery Chapter 2 Prime Movers Section 1 Diesel Engines		
67	4-2-1/Table 1	Add new Note 8 to read "8 For engines < 375 kW, see 4-2-1/3.3.3."
67	4-2-1/Table 1	Add reference to Note 8 in Material Tests column to read "*Material Tests* [(5, 8)]"

Page No.	Paragraph	Comments
Part 4 Vessel Systems and Machinery Chapter 3 Propulsion and Maneuvering Machinery Section 1 Appendix 1 – Rating of Cylindrical and Bevel Gears		
172	4-3-1A1/19.1	In definitions of F_{tH} and F_{mtH}, "$K_{h\beta}$" to read "$K_{H\beta}$".
189	4-3-1A1/23.13	In equations, "ℓ_b", "ℓ'_b", and "β_{bm}" to read "ℓ_{bm}", "ℓ'_{bm}", and "β_{vb}", respectively.

Part 4 Vessel Systems and Machinery Chapter 3 Propulsion and Maneuvering Machinery Section 4 Steering Gears		
256	4-3-4/3.3.2	In second line, "152.4 mm" to read "150 mm".

Part 4 Vessel Systems and Machinery Chapter 4 Boilers, Pressure Vessels and Fired Equipment Section 1 Appendix 1 – Rules for Design		
343	4-4-1A1/ 5.7.3(d)ix)	Revise "d^3" in denominator of second equation to read "d^2", as follows: $d\sqrt{\frac{6Bh_g}{SLd^2}}$ for noncircular heads and covers.

Part 4 Vessel Systems and Machinery Chapter 6 Piping Systems Section 4 Ship Piping Systems and Tanks		
462	4-6-4/9.3.7(c)ii)	In second line, "2.776 to 3.937 mil" to read "2.756 to 3.937 mil".
463	4-6-4/9.3.7(d)i)	In second line of first bullet, "12.19 ft/min" to read "13.12 ft/min".
463	4-6-4/9.3.7(d)i)	In last paragraph, "13.42×10^{-2} gal/inch" to read "1.312×10^{-2} gal/inch".

Part 5C Specific Vessel Types Chapter 1 Vessels Intended to Carry Oil in Bulk (150 meters (492 feet) or more in Length) Section 7 Cargo Oil and Associated Systems		
170	5C-1-7/ 11.11.2	Revise last paragraph to read "In addition, calculations are to be submitted to show that the cargo tanks will not be subjected to a pressure or vacuum in excess of their design pressure. See 5C-1-7/11.3 and 5C-1-7/11.17 for P/V valve capacity requirements and 5C-1-7/21.5.2(d) for pressure/vacuum valve capacity correction.".
177	5C-1-7/ 21.5.2(a)	Revise to read "Calculations are to verify that the valve can discharge vapor…".

Part 5C Specific Vessel Types Chapter 2 Vessels Intended to Carry Oil in Bulk (Under 150 meters (492 feet) in Length) Section 2 Hull Structure		
283	5C-2-2/3.1.2	In definition of s, "m (ft)" to read "mm (in.)".

Part 5C Specific Vessel Types Chapter 5 Vessels Intended to Carry Containers (130 meters (427 feet) to 450 meters (1476 feet) in Length)		
viii	Table of Contents	In title of Chapter 5, "350 meters (1148 feet)" to read "450 meters (1476 feet)".

Part 5C Specific Vessel Types Chapter 5 Vessels Intended to Carry Containers (130 meters (427 feet) to 450 meters (1476 feet) in Length) Section 3 Load Criteria		
683	5C-5-3/11.1	Definition of E_f to read, "$E_f = f_1\ \omega_1\ (L)^{1/2}$".

Page No.	Paragraph	Comments
Part 6 Chapter 1 Section 1	Optional Items and Systems Strengthening for Navigation in Ice General Ice Classes	
9	6-1-1/Note	Delete Note, "In association with the implementation of the IACS Unified requirements for Polar Class Ships on 1 March 2008, this Section is updated based on these IACS requirements. For vessels with for which a contract for new construction is signed between 1 January and 29 February 2008, 6-1-1/1 and 6-1-1/3 of the 2007 edition of the Rules are applicable."