

## GUIDE FOR BUILDING AND CLASSING

# GRAVITY-BASED OFFSHORE LNG TERMINALS

## JUNE 2010

**CORRIGENDA/EDITORIALS – 1 September 2010**

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**CORRIGENDA/EDITORIALS – 1 March 2018**

Page No.	Paragraph	Comments
<b>Foreword</b>		
iii	Reference Note	In first paragraph, reference “ <i>FPI Guide</i> ” to read “ <i>FPI Rules</i> ”.
<b>Chapter Section</b>	<b>1 1</b>	<b>Conditions of Classification Scope and Conditions of Classification (Supplement to the ABS Rules for Conditions of Classification – Offshore Units and Structures)</b>
2	1-1/5.1	Revise to read, “...the symbol <b>⊗ A1</b> , followed by <b>Offshore Liquefied Gas Terminal</b> and the appropriate notation for the intended service listed below.”.
3	1-1/7.1	Reference “ <i>ABS Guide for Building and Classing Floating Production Installations (FPI Guide)</i> ” to read “ <i>ABS Rules for Building and Classing Floating Production Installations (FPI Rules)</i> ”.
4	1-1/11.1	In abbreviation “PCI”, “Institue” to read “Institute”.
5	1-1/11.3	Reference “ <i>FPI Guide – ABS Guide for Building and Classing Floating Production Installations</i> ” to read “ <i>FPI Rules – ABS Rules for Building and Classing Floating Production Installations</i> ”.
5	1-1/11.3	Reference “ <i>Facilities Guide – ABS Guide for Building and Classing Facilities on Offshore Installations</i> ” to read “ <i>Facilities Rules – ABS Rules for Building and Classing Facilities on Offshore Installations</i> ”.
5	1-1/11.3	Delete reference “ <i>LNGC Guide – ABS Guide for Building and Classing Membrane Tank LNG Vessels</i> ”.
5	1-1/11.3	Reference “ <i>ABS Guide for Surveys Using Reliability-Centered Maintenance</i> ” to read “ <i>ABS Guide for Surveys Based on Machinery Reliability and Maintenance Techniques</i> ”.
<b>Chapter Section</b>	<b>2 1</b>	<b>Requirements for Gravity-Based Offshore LNG Terminals Classification of Gravity-Based Offshore LNG Terminals</b>
10	2-1/1.5iii)	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
11	2-1/3.1.1	Reference “1/1.11.1 of the <i>Offshore Installation Rules</i> ” to read “1-1-4/1 of the <i>Offshore Installations Rules</i> ”.
12	2-1/3.3	Reference “ <i>ABS Rules for Conditions of Classification (Part 1)</i> ” to read “ <i>ABS Rules for Conditions of Classification – Offshore Units and Structures (Part 1)</i> ”.

Page No.	Paragraph	Comments
Chapter 2 Section 2	Requirements for Gravity-Based Offshore LNG Terminals Design of Gravity-Based Offshore LNG Terminals	
17	2-2/1.1.3	Reference “Section 3/6 of the <i>Offshore Installations Rules</i> ” to read “Section 3-2-5 of the <i>Offshore Installations Rules</i> ”.
22	2-2/5.1.4(e)	Reference “ <i>FPI Guide</i> ” to read “ <i>FPI Rules</i> ”.
22	2-2/5.3.1(a)	Reference “Section 2/1 of the <i>Offshore Installations Rules</i> ” to read “Part 2, Chapter 1 of the <i>Offshore Installations Rules</i> ”. (2 places)
24	2-2/5.3.5(d)	Reference “Section 3/7 of the <i>Offshore Installations Rules</i> ” to read “Section 3-2-6 of the <i>Offshore Installations Rules</i> ”.
24	2-2/5.3.5(g)	Reference “3/4.9 of the <i>ABS Rules for Single Point Moorings</i> ” to read “3-4-1/11 of the <i>ABS Rules for Single Point Moorings</i> ”.
24	2-2/5.3.5(g)	Reference “3/5.5 of the <i>Offshore Installations Rules</i> ” to read “3-2-4/5 of the <i>Offshore Installations Rules</i> ”.
25	2-2/5.5.1(a)	Reference “Section 2/1 of the <i>Offshore Installation Rules</i> ” to read “Part 2, Chapter 1 of the <i>Offshore Installations Rules</i> ”. (2 places)
26	2-2/5.5.1(b)	Reference “3/5.5.5 of the <i>Offshore Installation Rules</i> ” to read “3-2-4/5.9 of the <i>Offshore Installations Rules</i> ”.
26	2-2/5.5.1(c)	Reference “Section 3/4 of the <i>Offshore Installation Rules</i> ” to read “Section 3-2-3 of the <i>Offshore Installations Rules</i> ”.
36	2-2/5.7	Reference “3/6.3 of the <i>Offshore Installations Rules</i> ” to read “3-2-5/3 of the <i>Offshore Installations Rules</i> ”. (2 places)
37	2-2/5.7.2(a)	Reference “3/6.3 of the <i>Offshore Installations Rules</i> ” to read “3-2-5/3 of the <i>Offshore Installations Rules</i> ”.
38	2-2/5.7.2(c)	Reference “3/6.3 of the <i>Offshore Installations Rules</i> ” to read “3-2-5/3 of the <i>Offshore Installations Rules</i> ”.
39	2-2/7.9	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
40	2-2/9.1	In fourth paragraph, “dependant” to read “dependent”.
40	2-2/9.1	In fifth paragraph, reference “5C-8-3/8” to read “5C-8-3/8 and 5C-8-5/10.1”.
41	2-2/9.1.1	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
41	2-2/9.1.2	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
42	2-2/9.13	Reference “ <i>FPI Guide</i> ” to read “ <i>FPI Rules</i> ”.
43	2-2/11.7	Reference “5C-8-3/8” to read “5C-8-3/8 and 5C-8-5/10.1”.
44	2-2/11.9	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”. (2 places)
44	2-2/11.9	Reference “3-8/9 and 4-8/9 of the <i>Facilities Rules</i> ” to read “4-8/9 of the <i>Facilities Rules</i> ”.
44	2-2/13	In second paragraph, reference “5C-8-1/3.17” to read “5C-8-1/2.24”.
44	2-2/13	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
44	2-2/15	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
45	2-2/15	Reference “Chapter 4, Section 5 of the <i>Facilities Rules</i> ” to read “Chapter 3, Section 5 of the <i>Facilities Rules</i> ”.
45	2-2/15	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.

Page No.	Paragraph	Comments
<b>Chapter Section</b> 2 2	<b>Requirements for Gravity-Based Offshore LNG Terminals Design of Gravity-Based Offshore LNG Terminals</b>	
45	2-2/17	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
45	2-2/19	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
47	2-2/21.3.1	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
47	2-2/21.5	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
47	2-2/21.7	Reference “Chapter 3, Section 8 and Chapter 4, Section 8 of the <i>Facilities Rules</i> for floating units and gravity-based units, respectively” to read “Chapter 4, Section 8 of the <i>Facilities Rules</i> ”.
47	2-2/21.9	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
48	2-2/21.11	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
48	2-2/21.15.1	In second paragraph, reference “5C-8-5/6” to read “5C-8-5/5”.

<b>Chapter Section</b> 2 3	<b>Requirements for Gravity-Based Offshore LNG Terminals Surveys During Construction, Installation and Commissioning</b>	
50	2-3/3.5.1(b)	Reference “Section 2/1 of the <i>Offshore Installation Rules</i> ” to read “Part 2, Chapter 1 of the <i>Offshore Installations Rules</i> ”.
51	2-3/3.5.2(a)	Reference “1/2.3.9 of the <i>Offshore Installation Rules</i> ” to read “5-1-2/17 of the <i>Offshore Installations Rules</i> ”.
53	2-3/3.5.2(f)	Reference “3/5.11.2e of the <i>Offshore Installation Rules</i> ” to read “3-2-4/11.3.5 of the <i>Offshore Installations Rules</i> ”.
53	2-3/3.5.2(h)	Reference “1/2.3.12 of the <i>Offshore Installation Rules</i> ” to read “5-1-2/23 of the <i>Offshore Installations Rules</i> ”.
24	2-3/5.1	Reference “Section 3/7 of the <i>Offshore Installations Rules</i> ” to read “Section 3-2-6 of the <i>Offshore Installations Rules</i> ”.

<b>Chapter Section</b> 2 4	<b>Requirements for Gravity-Based Offshore LNG Terminals Surveys After Construction and Maintenance of Class</b>	
58	2-4/3.9	Reference “Appendix 7-A-14 “Guide for Survey Based on Preventative Maintenance Techniques” of the <i>ABS Rules for Survey After Construction (Part 7)</i> ” to read, “Appendix 7-A-14 “Surveys Based on Preventative Maintenance Techniques” of the <i>ABS Rules for Survey After Construction (Part 7)</i> ”.
59	2-4/5.1.4i)	Reference “7-3-2/1.13.7” to read “7-3-2/1.13.8”.
60	2-4/5.1.6i)	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
60	2-4/5.1.6iii)	Reference “ <i>FPI Guide</i> ” to read “ <i>FPI Rules</i> ”.
62	2-4/5.3.5i)	Reference “ <i>Facilities Guide</i> ” to read “ <i>Facilities Rules</i> ”.
63	2-4/5.3.5iii)	Reference “ <i>FPI Guide</i> ” to read “ <i>FPI Rules</i> ”.

<b>Chapter Section</b> 2 5	<b>Requirements for Gravity-Based Offshore LNG Terminals Risk-based Surveys Maintenance of Class</b>	
66	2-5/5.1.1	Reference “Appendix 7-A-14 “Guide for Survey Based on Preventative Maintenance Techniques” of the <i>ABS Rules for Survey After Construction (Part 7)</i> ” to read, “Appendix 7-A-14 “Surveys Based on Preventative Maintenance Techniques” of the <i>ABS Rules for Survey After Construction (Part 7)</i> ”.