

GUIDE FOR

BUCKLING AND ULTIMATE STRENGTH ASSESSMENT FOR OFFSHORE STRUCTURES APRIL 2004

CORRIGENDA/EDITORIALS – 1 June 2006

CORRIGENDA/EDITORIALS – 11 June 2007

CORRIGENDA/EDITORIALS – 22 October 2008

CORRIGENDA/EDITORIALS – 1 July 2010

CORRIGENDA/EDITORIALS – 1 July 2011

CORRIGENDA/EDITORIALS – 11 March 2013

CORRIGENDA/EDITORIALS – 1 February 2014

CORRIGENDA/EDITORIALS – 1 January 2017

Page No.	Paragraph	Comments
Foreword		
iii	Foreword	In fourth bullet, “ <i>Guide for Building and Classing Floating Production Installations</i> ” to read “ <i>Rules for Building and Classing Floating Production Installations</i> ”.
iii	Foreword	In first paragraph following bullets, “Rules and Guides” to read “Rules”.

Section	1	Introduction
1	1/5	In last paragraph, “ <i>ABS Guide for Shipbuilding and Repair Quality Standard for Hull Structures During Construction</i> ” to read “ <i>IACS Recommendation No. 47 “Shipbuilding and Repair Quality Standard”</i> ”.
2	1/9	In first paragraph, “ <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> ”.
2	1/9	In fifth paragraph, “ <i>FPI Guide</i> ” to read “ <i>FPI Rules</i> ”.
2	1/11	In second paragraph, “ <i>FPI Guide</i> ” to read “ <i>FPI Rules</i> ”.

Section	2	Individual Structural Members
8	2/Table 1	In row 5, add definition of d_{cs} under Geometrical Parameters “ d_{cs} = Distance of shear center to centroid”.
8	2/Table 1	In row 5, under Properties, equation for I_o to read “ $I_o = I_y + I_z + A d_{cs}^2$ ”.
8	2/Table 1	In row 6, add definition of d_{cs} under Geometrical Parameters “ d_{cs} = Distance of shear center to centroid”.
8	2/Table 1	In row 6, under Properties, equation for I_o to read “ $I_o = I_y + I_z + A d_{cs}^2$ ”.
9	2/Table 1	In row 7, add definition of d_{cs} under Geometrical Parameters “ d_{cs} = Distance of shear center to centroid”.
9	2/Table 1	In row 7, under Properties, equation for I_o to read “ $I_o = I_y + I_z + A d_{cs}^2$ ”.

Page No.	Paragraph	Comments
Section 2	Individual Structural Members	
13	2/Figure 2	Add Note as follows: “Note: These alignment charts or nomographs are based on the following assumptions: 1 Behavior is purely elastic. 2 All members have constant cross section. 3 All joints are rigid. 4 For columns in frames with sidesway prevented, rotations at opposite ends of the restraining beams are equal in magnitude and opposite in direction, producing single curvature bending. 5 For columns in frames with sidesway permitted, rotations at opposite ends of the restraining beams are equal in magnitude and direction, producing reverse curvature bending 6 The stiffness parameter $L(P/EI)^{1/2}$ of all columns is equal. 7 Joint restraint is distributed to the column above and below the joint in proportion to EI/L for the two columns. 8 All columns buckle simultaneously. 9 No significant axial compression force exists in the restraining beams. Adjustments are required when these assumptions are violated and the alignment charts are still to be used. Reference is made to ANSI/AISC 360-05, Commentary C2.”
13	2/3.5	First sentence to read, “A member subjected to bending moment...”.
17	2/7.1	Delete definition of σ_t .
17	2/7.1	Definition of σ_{tc} to read “ σ_{tc} = calculated axial tensile stress...”.
19	2/9.1	In last line, “ $D/t \leq E/(4.5\sigma_0)$ ” to read “ $D/t > E/(4.5\sigma_0)$ ”.
20	2/9.3	In last line, “ $D/t \leq E/(4.5\sigma_0)$ ” to read “ $D/t > E/(4.5\sigma_0)$ ”.
20	2/9.5	In last line, “ $D/t \leq E/(4.5\sigma_0)$ ” to read “ $D/t > E/(4.5\sigma_0)$ ”.
Section 3	Plates, Stiffened Panels and Corrugated Panels	
23	3/1	In second paragraph, “FPI Guide” to read “FPI Rules”.