DRILLSHIPS
AUGUST 2011

NOTICE NO. 1 – January 2016

The following Rule Changes were approved by the ABS Rules Committee on 10 June 2015 and become **EFFECTIVE AS OF 1 JANUARY 2016.**

(See http://www.eagle.org for the consolidated version of the Guide for Building and Classing Drillships, 2011 with all Notices and Corrigenda incorporated.)

Notes - *The date in the parentheses means the date that the Rule becomes effective for new construction based on the contract date for construction, unless otherwise noted. (See 1-1-4/3.3 of the ABS Rules for Conditions of Classification – Offshore Units and Structures (Part 1).)*

SECTION 7 TOPSIDE AND HULL INTERFACE STRUCTURES

1 Design and Analysis of Hull Interface Structures

1.9 Acceptance Criteria

1.9.1 Yielding Checks

1.9.1(a) For Severe Storm Condition, Transit and/or North Atlantic Loads:

(Revise Subitem 7/1.9.1(a)ii), as follows:)

ii) *(2016)* The effects of notches, stress risers and local stress concentrations are to be taken into account when considering load carrying elements. When stress concentrations are considered to be of high intensity in certain elements, the acceptable stress levels will be subject to special consideration. The following guidance may be used in such circumstances.

For local detail FE model analyses (localized highly stressed area, fine mesh element size, for example, less than 2 x plate thickness) provided fatigue strength is satisfied for the local detail:

- f_{1x} element stress < $1.25S_m f_y$
- f_e small area < $1.25S_m f_y$

1.9.1(b) For Normal Drilling Condition (Deadweight + Maximum Functional Loads)

(Revise Subitem 7/1.9.1(b)ii), as follows:)

ii) *(2016)* For local detail FE model analyses (localized highly stressed area, fine mesh element size, for example, less than 2 x plate thickness) provided fatigue strength is satisfied for the local detail:

- f_e small area < $0.97S_m f_y$
- f_{1x} element stress < $0.97S_m f_y$

1.9.1(c) For Damaged Condition:

(Revise Subitem 7/1.9.1(c)ii), as follows:)

ii) *(2016)* For local detail FE model analyses (localized highly stressed area, fine mesh element size, for example, less than 2 x plate thickness) provided fatigue strength is satisfied for the local detail:

- f_e small area < $1.25S_m f_y$
- f_{1x} element stress < $1.25S_m f_y$