GUIDE FOR

APPLICATION OF HIGHER-STRENGTH THICK HULL STRUCTURAL STEEL PLATES IN CONTAINER CARRIERS FEBRUARY 2009

NOTICE NO. 1 – February 2014

The following changes become **EFFECTIVE AS OF 1 JANUARY 2014.**

(See http://www.eagle.org for the consolidated version of the Guide for Application of Higher-Strength Thick Hull Structural Steel Plates in Container Carriers, 2009, 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 (Part 1).)

SECTION 2 HULL STRUCTURAL DESIGN WITH HIGHER-STRENGTH THICK STEEL PLATES

(Revise Section 2, Table 2, as follows.)

TABLE 2
Material Factor *Q* for Determining
Required Hull Girder Section Modulus *(2014)*

Steel Grade	*Material Factor Q* [3]
Ordinary Strength Steel	1.00
H32	0.78
H36	0.72
H40	0.68 [1]
H47 [2]	0.62

Notes:

1 The material factor for H40 may be taken as 0.66, provided that the hull structure is additionally verified for compliance with the requirements of:

- ABS G*uide for 'SafeHull-Dynamic Loading Approach' for Vessels*
- ABS *Guidance Notes on Spectral-Based Fatigue Analysis for Vessels*
- Appendix 1 of this Guide

2 The above requirements are to be applied to hull structures with H47.

3 Thickness greater than 100 mm is subject to special consideration.