

GUIDE FOR THE CLASS NOTATION

MOVABLE PLATFORMS (DECKS) FOR VEHICLE LOADING (MOVDK) APRIL 2007

Guide to Color Coding Used in Online Version of the Guide

The following summarizes the colors corresponding to Rule Changes, Corrigenda items and editorial changes in the Guide files which are available for download.

Rule Changes:

NOTICE NO. 1 – November 2010 (effective 1 January 2011)

Corrigenda:

CORRIGENDA/EDITORIALS – 28 October 2008

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Editorials:

Editorial Changes



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APRIL 2007 (Updated February 2014 – see next page)

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Updates

February 2014 consolidation includes:

- November 2010 version plus Corrigenda/Editorials

November 2010 consolidation includes:

- October 2008 version plus Notice No. 1

October 2008 consolidation includes:

- April 2007 version plus Corrigenda/Editorials

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Foreword

There is a desire in the industry for an optional class notation for moveable/retractable decks. ABS currently has requirements for design of retractable decks in the *Rules for Building and Classing Steel Vessels* (Section 3-2-3 for all vessels and Section 5C-10-2 for Vehicle Carriers) and in the *Rules for Building and Classing Steel Barges* (Section 3-2-3). The *Rules for Building and Classing High-Speed Craft* (Section 3-2-3) and the *Rules for Building and Classing High Speed Naval Craft* (Section 3-2-3) also contain requirements for decks intended for vehicle loading. In addition, the *Guide for Certification of Lifting Appliances* (Chapter 6) contains requirements for lifting appliances of moveable platforms (decks).

This Guide consolidates the above requirements for easy application of the Rule requirements for the optional notation **MOVDK**. For convenience, an easy-to-follow road map for classification of moveable platforms (decks) is also provided.

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SECTION 1 Introduction

1 Scope

This Guide covers design criteria for moveable platforms (decks) on vessels classed with ABS.

The Guide consolidates the requirements for moveable platforms (decks) currently found in the following Rules and Guides:

- *Rules for Building and Classing Steel Vessels (Steel Vessel Rules)* (3-2-3/5.15, 3-2-3/7.3, et al.)
- *Rules for Building and Classing Steel Vessels – Vehicle Carriers* (5C-10-2/11.11, [5C-10-2/11.13](#))
- *Rules for Building and Classing Steel Barges (Steel Barge Rules)* (3-2-3/15, 3-2-3/19, et al.)
- *Rules for Building and Classing High-Speed Craft (High-Speed Craft Rules)* (3-2-3/1.9, 3-2-3/5.7.6, 3-2-4/1.15, et al.)
- *Rules for Building and Classing High-Speed Naval Craft (HSNC Rules)* (3-2-3/1.9, 3-2-3/5.7.6, 3-2-4/1.15, et al.)
- *Guide for Certification of Lifting Appliances (Lifting Appliances Guide)* (Chapter 6) – cross-reference for certification of lifting appliances

See also the flowcharts in Appendix 1 for a detailed map of the above requirements.

3 Application

This Guide is applicable to moveable platforms (decks) on steel vessels of all lengths, vehicle carriers, steel barges, high speed craft and high speed naval craft. Vessels in compliance with this Guide will be assigned the notation **MOVDK**.

5 Definitions

Moveable Platform (Deck) – a deck intended for the stowage of vehicles that can be either a retractable tween deck or a hatch cover.

Retractable Tween Deck – a deck that allows an extra level of vehicle stowage within a hold and can be raised or lowered to stow out of the way when not in use.

Hatch Cover – a deck that allows an extra level of vehicle stowage within a hold and can be removed and stowed when not in use. These decks are often of pontoon-type construction.

7 Submission of Design Plans and Data (2011)

Plans **should** generally **be submitted electronically to ABS**. However, **hard copies will also be accepted**.

- Detailed structural drawings.
- Specification of vehicles to be loaded on moveable platform (deck) (i.e., total weight, axle width/loads, wheelbase, wheel imprint sizes).
- Stowage arrangement of vehicles.
- Details of moveable platform (deck) loading conditions, including moveable platforms (decks) self weight and center of gravity.