



## **RULES FOR BUILDING AND CLASSING**

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# **MOBILE OFFSHORE DRILLING UNITS 2006**

## **NOTICES AND GENERAL INFORMATION**

**American Bureau of Shipping  
Incorporated by Act of Legislature of  
the State of New York 1862**

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American Bureau of Shipping  
ABS Plaza  
16855 Northchase Drive  
Houston, TX 77060 USA**

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# Notices and General Information

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# Notices and General Information

## Introduction

1. The year 2006 edition of the *Rules for Building and Classing Mobile Offshore Drilling Units* is a complete reprint of the 2001 edition, consisting of the six (6) booklets as shown in Table 1. With regard to Part 2, the purpose of the generic title *ABS Rules for Materials and Welding* is to emphasize the common applicability of the requirements to ABS-classed vessels, other marine structures and their associated machinery, and thereby make PART 2 more readily a common “PART” of various ABS Rules and Guides, as appropriate.
2. The numbering system applied in the Rules is shown in Table 2.
3. Rule Change Notice No. 6, as per Table 3, with an effective date of 1 January 2006, has been incorporated into the 2006 *Rules for Building and Classing Mobile Offshore Drilling Units*. In addition, the Rule Changes contained in the previously published Notices 1 through 5 to the 2001 *Rules for Building and Classing Mobile Offshore Drilling Units* (together with Corrigenda items) have also been incorporated into the text of the 2006 *Rules for Building and Classing Mobile Offshore Drilling Units*.
4. The effective date of each technical change since 1993 is shown in parenthesis at the end of the subsection/paragraph titles within the text of each Part. Unless a particular date and month are shown, the years in parentheses refer to the following effective dates:

(2000) and after	1 January 2000 (and subsequent years)	(1996)	9 May 1996
(1999)	12 May 1999	(1995)	15 May 1995
(1998)	13 May 1998	(1994)	9 May 1994
(1997)	19 May 1997	(1993)	11 May 1993
5. Until the next edition of the *Rules for Building and Classing Mobile Offshore Drilling Units* is published, Rule Change Notices and/or Corrigenda, as necessary, will be published on the ABS website – [www.eagle.org](http://www.eagle.org) – only, and will be available free for downloading. It is not intended to publish hard copies of future Rule Change Notices and/or Corrigenda to existing Rules or Guides. The consolidated edition of the *Rules for Building and Classing Mobile Offshore Drilling Units*, which includes Rule Change Notices and/or Corrigenda using different colors for easy recognition will be published on the ABS website only when RCN and/or Corrigenda are issued.
6. The listing of CLASSIFICATION SYMBOLS AND NOTATIONS is available from the ABS website [www.eagle.org/rules/downloads.html](http://www.eagle.org/rules/downloads.html) for download.

**TABLE 1**  
**Applicable Editions of Booklets Comprising 2006 Rules**

Notices and General Information		2006
Part 1:	Conditions of Classification	2006
Part 2:	Rules for Materials and Welding	2006
Part 3:	Hull Construction and Equipment	2006
Part 4:	Machinery and Systems	2006
Part 5:	Surveys After Construction	2006

**TABLE 2**  
**Division and Numbering of Rules**

<i>Division</i>	<i>Number</i>
Part	Part 1
Chapter	Part 1, Chapter 1
Section	Section 1-1-1
Subsection (see Note 1)	1-1-1/1
Paragraph (see Note 1)	1-1-1/1.1
Subparagraph	1-1-1/1.1.1
Item	1-1-1/1.1.1(a)
Subitem	1-1-1/1.1.1(a)i
Appendix	Appendix 1-1-A1 or Appendix 1-A1-1

*Note:*

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An odd number (1, 3, 5, etc.) numbering system is used for the Rules. The purpose is to permit future insertions of even-numbered paragraphs (2, 4, 6, etc.) of text and to avoid the necessity of having to renumber the existing text and associated cross-references, as applicable, within the Rules and associated process instructions, check sheets, etc.

## Rule Change Notice No. 6 (2006)

### TABLE 3 Summary of Changes for the 2006 Rules

**EFFECTIVE DATE 1 January 2006**

(based on the contract date for new construction between builder and Owner)

<i>Part/Para. No.</i>	<i>Title/Subject</i>	<i>Status/Remarks</i>
<b>PART 4</b>	<b>Machinery and Systems</b>	
4-2-2/21.1	Installation	To clarify that use of threaded connections outboard of the shell valve is not acceptable.
4-2-2/21.9	Sea-Water Inlet and Discharge Valves	To require that materials readily rendered ineffective by heat are not to be used for the connection at the shell.
4-2-4/15.5.1(c)	Design Pressure	To better align the required design pressure with available industrial equipment.
4-2-5/15.7	Testing	To better align the required design pressure with available industrial equipment.
4-2-4/19.1	Design and Construction	To align the requirements with the <i>Rules for Building and Classing Steel Vessels</i> .
4-2-4/19.3.2	Diesel-electric Propulsion	To redefine the parameter “G” of the equation for “S”, total number of consecutive starts.
4-3-2/5.17 (New)	Alarms and Safeguards for Emergency Diesel Engines	To incorporate the requirements of IACS UR M63.
4-3-2/Table 1 (New)	Alarms and Safeguards for Emergency Diesel Engines	To incorporate the requirements of IACS UR M63.
4-3-2/7.1.4	Motor Control Center	To clarify the requirements for permitting feeder cables to motor control centers with a current carrying capacity of less than 100% of the sum of the rated currents of all the connected motors.
4-3-2/7.9 (New)	Harmonics	To incorporate requirements for harmonics, in line with IEEE 519 and 2.8.2.2 of IEC 60092-101.
4-3-2/9.5.2(b)	Reverse Power Protection	To establish acceptance criteria in the case where setting the reverse power protection device in the range of 8% to 15% would be detrimental to the engine
4-3-2/9.15.2	Parallel Operation	To require the automatic opening of the disconnecting device for secondary side of the transformer when the primary side disconnecting device opens due to any reason.
4-3-2/13.1.3	Lighting Circuits in Machinery Spaces and Accommodation Spaces	To clarify that the requirement applies to Category A machinery spaces and that stairways leading to boat decks include stair towers and escape trunks.
4-3-2/15.9.4 (New)	Public Address System	To clarify the requirements where a single system serves for both public address and general emergency alarm.
4-3-2/17.3	Engineers’ Alarm	To clarify the location at which the Engineers’ alarm is to be audible and to specify the sound pressure level within the cabin.
4-3-3/3.1.1	Equipment Location	To incorporate the requirements of IACS UR E20.

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<i>Part/Para. No.</i>	<i>Title/Subject</i>	<i>Status/Remarks</i>
4-3-3/Figure 1 (New)	An Example of Protected Area, Adjacent Area of Direct Spray and Adjacent Area Where Water May Extend	To incorporate the requirements of IACS UR E20.
4-3-3/Table 1	Minimum Degree of Protection	To incorporate the requirements of IACS UR E20.
4-3-3/5.1.7 (New)	Paint on Cables	To clarify the requirements where it is specifically intended to paint or apply any other coating on electric cables.
4-3-3/5.1.8 (New)	Cable Installation above High Voltage Switchgear and Control-gear	To require that cables are not to be installed near and above a pressure relief flap for high voltage switchgear and control-gear.
4-3-3/9.1.1	General	To clarify that fans for ventilation in any hazardous area are required to be non-sparking.
4-3-3/9.1.3	Cables Installation	To clarify that non-armored cables can be permitted for intrinsically safe circuits where such cables are protected from mechanical damage.
4-3-4/13.1.3	Fire Resistant Property	To incorporate the requirements of IACS UR E15.1 (Rev. 1).