



**RULES FOR BUILDING AND CLASSING**

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**OFFSHORE SUPPORT VESSELS  
2018**

**PART 1  
CONDITIONS OF CLASSIFICATION  
(Supplement to the ABS Rules for Conditions of Classification)**

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

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# PART

# 1

## Foreword

For the 2008 edition, Part 1, “Conditions of Classification” was consolidated into a generic booklet, entitled *Rules for Conditions of Classification (Part 1)* for all vessels other than those in offshore service. The purpose of that consolidation was to emphasize the common applicability of the classification requirements in “Part 1” to ABS-classed vessels, other marine structures and their associated machinery, and thereby make “Conditions of Classification” more readily a common Rule of the various ABS Rules and Guides, as appropriate.

Thus, this supplement specifies only the unique requirements applicable to offshore support vessels. This supplement is always to be used with the aforementioned *Rules for Conditions of Classification (Part 1)*.

PART  
**1**

Conditions of Classification

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[See also separately published booklet *ABS Rules for Conditions of Classification (Part 1)*]

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PART  
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CHAPTER 1 Scope and Conditions of Classification

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PART

1

CHAPTER 1 Scope and Conditions of Classification

SECTION 1 Classification

The requirements for conditions of classification are contained in the separate, generic *ABS Rules for Conditions of Classification (Part 1)*.

Additional requirements specific to offshore support vessels are contained in the following Sections of this Part.

# PART

# 1

## CHAPTER 1 Scope and Conditions of Classification

### SECTION 2 Classification Symbols and Notations

A listing of Classification Symbols and Notations available to the Owners of vessels, offshore drilling and production units and other marine structures and systems, “List of ABS Notations and Symbols” is available from the ABS website “<http://www.eagle.org>”.

The following notations are specific to the various types of offshore support vessels included in these Rules.

#### 1 Vessels Intended for Offshore Support Services

See also Part 5, Chapter 1.

##### 1.1 Class Notations

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)*, the classification **✘ A1 Offshore Support Vessel** will be assigned to vessels primarily designed for offshore support services and built to the applicable requirements in Part 3, Part 4, at least one specialized functional service of Part 5, and other relevant sections of these Rules. Vessels that have been designed, built and equipped for a specialized functional service will be assigned the appropriate notation, as described in this Section.

Vessels intended for several functional services covered by these Rules may be assigned a combination of the class notations described in this Section, provided that the specific requirements for each intended service are complied with and the vessels are equipped and prepared at all times to engage in operations related to the relevant functional services. (See 1-1-2/1.3).

##### 1.3 Dual and Multi-Function Services

Where a vessel is equipped for dual or multi-function services, the appropriate class notations may be assigned. For example, an Offshore Support Vessel equipped for safety standby and towing may be assigned the classification **✘ A1 Offshore Support Vessel (SSR, GR A – (N), TOW)** or capable of anchor handling, towing and supply may be assigned the classification **✘ A1 Offshore Support Vessel (AH, Supply, TOW)**. Other combinations of class notations described may be assigned corresponding to the functional and service capabilities of the vessel for which it has been approved as described in Section 5-1-1 of these Rules.

In such instances, the dual or multipurpose vessel is to be designed and built to the applicable requirements of Part 5 for the particular services.

##### 1.5 Special Purpose (2013)

See also Section 5-1-2.

Upon the Owner’s request, Offshore Support Vessels that comply with the requirements in Section 5-1-2 and the IMO Code of Safety for Special Purpose Ships (SPS Code) may be assigned the class notation **SPS**.

For example, an offshore support vessel engaged in pipe laying operations and complying with requirements of this Section and the SPS Code will be assigned the classification **✘ A1 Offshore Support Vessel (Pipe Lay), SPS**.



## 1.7 Domestic Service (2013)

See also Section 5-1-3.

Upon the Owner's request, Offshore Support Vessels that comply with the requirements in Section 5-1-3 may be assigned the class notation **(Operational Area) Domestic Service**.

For example, an offshore support vessel engaged in anchor handling, supply and towing operations and complying with requirements of this Section will be assigned the classification **✕ A1 Offshore Support Vessel (AH, Supply, TOW), U.S. Domestic Service**.

## 1.9 Strengthening for Heavy Cargoes (2013)

See also Section 5-1-4.

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the additional classification **HDC(P, Locations)** will be assigned to vessels designed with strengthening for carriage of heavy deck cargoes exceeding 25.66 kN/m<sup>2</sup> (2617 kgf/m<sup>2</sup>, 536 lbf/ft<sup>2</sup>), and built to the requirements in 5-1-4/3 and other relevant sections of these Rules. For example, an offshore support vessel engaged in anchor handling, supply and towing operations, strengthened for deck cargo of 5t/m<sup>2</sup> at main deck and complying with requirements of this Section will be assigned the classification **✕ A1 Offshore Support Vessel (AH, Supply, TOW) HDC(5t/m<sup>2</sup>, main deck)**.

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the additional classification **HLC( $\rho$ , Tanks)** will be assigned to vessels designed with strengthening for carriage of heavy liquid cargoes with specific gravity exceeding 1.05, and built to the requirements in 5-1-4/5 and other relevant sections of these Rules. For example, an offshore support vessel engaged in anchor handling, supply and towing operations, strengthened for heavy liquid cargo of specific gravity 2.5 in tanks 3 and 5, and complying with requirements of this Section will be assigned the classification **✕ A1 Offshore Support Vessel (AH, Supply, TOW) HLC(2.5, Tanks 3 and 5)**.

## 3 Offshore Supply

See also Part 5, Chapter 2.

### 3.1 Class Notation

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **✕ A1 Offshore Support Vessel (Supply)** will be assigned to vessels designed primarily for supply service to offshore installations, and built to the requirements of Part 5, Chapter 2 and other relevant sections of these Rules.

### 3.3 Carriage of Limited Amounts of Hazardous and Noxious Liquid Substances

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **✕ A1 Offshore Support Vessel (Supply-HNLS)** will be assigned to vessels designed primarily for supply service to offshore installations, with capability for carriage of limited amounts of hazardous and noxious liquid substances, and built to the requirements of Part 5, Chapter 3 and other relevant sections of these Rules.

## 5 Anchor Handling and Towing

See also Part 5, Chapter 3.

### 5.1 Anchor Handling

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **✕ A1 Offshore Support Vessel (AH)** will be assigned to vessels designed and equipped for anchor handling operations and built to the requirements of Part 5, Chapter 3 and other relevant sections of these Rules.

## 5.3 Towing

The classification **✘ A1 Offshore Support Vessel (TOW)** will be assigned to vessels designed and equipped for towing operations and built to the requirements of Part 5, Chapter 3 and other relevant sections of these Rules.

## 7 Fire Fighting

See also Part 5, Chapter 4.

### 7.1 FFV 1

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **✘ A1 Offshore Support Vessel (FFV 1)** will be assigned to vessels with water spray protection for cooling the Fire Fighting Vessel's surfaces to enable close operation for early stages of fire fighting and rescue operations, with capabilities in accordance with 5-4-1/Table 1, built in compliance with the requirements of Part 5, Chapter 4 and other relevant sections of these Rules.

### 7.3 FFV 2 or FFV 3

Where the vessel has been built in compliance with the requirements of Part 5, Chapter 4 and for continuous fighting of large fires and cooling structures on fire, with capabilities in accordance with 5-4-1/Table 1, and other relevant sections of these Rules, the classification **✘ A1 Offshore Support Vessel (FFV 2) or (FFV 3)** will be assigned.

### 7.5 FFV 1 and 2 or FFV 1 and 3

Where **✘ A1 Offshore Support Vessel (FFV 2) or (FFV 3)** also meet requirements for **FFV 1**, the Class notation **✘ A1 Offshore Support Vessel (FFV 1 and 2)**, or **✘ A1 Offshore Support Vessel (FFV 1 and 3)** may be given.

### 7.7 Vessels with Fire Fighting Capability

Vessels not in full compliance with these Rules or not specifically built for the service intended to be covered by these Rules, but which have some fire fighting capability in addition to their regular service, may be considered and reviewed under the intent of these Rules, in relation to the specific fire fighting requirements. Such vessels complying with these requirements may be distinguished in the *Record* with their assigned notation followed by the designation (**FF Capable**), such as **✘ A1 Offshore Support Vessel (FF Capable)**, with detailed data on the extent of this capability entered into the *Record*. Such special fire fighting systems will be subject to annual surveys.

## 9 Diving and Remotely Operated Vehicles (ROVs) Support

See also Part 5, Chapter 5.

### 9.1 Vessels Intended to Support Air Diving Systems

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the Class notation **✘ A1 Offshore Support Vessel (DSV AIR)** will be assigned to vessels intended to support air diving systems (see 5-5-1/Table 1) and complying with the applicable requirements of Part 5, Chapter 5 and other relevant sections of these Rules.

### 9.3 Vessels Intended to Support Mixed Gas Diving Systems

The Class notation **✘ A1 Offshore Support Vessel (DSV MIXED-GAS)** will be assigned to vessels intended to support mixed-gas diving systems (see 5-5-1/Table 1) and complying with the applicable requirements of Part 5, Chapter 5 and other relevant sections of these Rules.

### 9.5 Vessels Intended to Support Saturation Diving Systems

The Class notation **✘ A1 Offshore Support Vessel (DSV SAT)** will be assigned to vessels intended to support saturation diving systems (see 5-5-1/Table 1) and complying with the applicable requirements of Part 5, Chapter 5 and other relevant sections of these Rules.

## 9.7 Vessels Intended to Support Multiple Diving Systems

Vessels that are intended to support multiple diving systems and complying with the applicable requirements of Part 5, Chapter 5 and other relevant sections of these Rules will be assigned the Class notation **✕ A1 Offshore Support Vessel (DSV)** followed by the appropriate notations for the diving systems. For example, vessels intended to support air and saturation diving systems may be assigned the Class notation **✕ A1 Offshore Support Vessel (DSV AIR/SAT)**.

## 9.9 ROV Support Vessels

The Class notation **✕ A1 Offshore Support Vessel (ROV)** will be assigned to vessels intended to support Remote Operated Vehicle - ROV (see 5-5-1/Table 1) and complying with the applicable requirements of Part 5, Chapter 5 and other relevant sections of these Rules.

ROVs and their associated support systems (handling systems, control stations, etc.) installed on ROV support vessels are to be Classed by ABS or another IACS member Classification Society. ABS Classed ROVs and support components are to meet the requirements of the *ABS Rules for Building and Classing Underwater Vehicles, Systems and Hyperbaric Facilities*.

## 9.11 Vessels with Diving Support and/or ROV Capability (2013)

Vessels, other than those in 1-1-2/9.1 through 1-1-2/9.9 above, having some diving and/or ROV support capability in addition to their regular service, may be considered and reviewed in accordance with Section 5-5-5 of these Rules, in relation to the specific diving and/or ROV support requirements. Such vessels complying with these requirements may be distinguished in the *Record* with their assigned notation followed by the designation (**DSV Capable**) and/or (**ROV Capable**), such as **✕ A1 Offshore Support Vessel (DSV Capable)**, with detailed data on the extent of this capability entered into the *Record*. Such special diving and/or ROV support systems will be subject to annual surveys.

## 11 Oil Spill Recovery (2013)

See also Part 5, Chapter 6.

### 11.1 Oil Spill Recovery – Standby Class 1

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **✕ A1 Offshore Support Vessel (OSR-S1)** will be assigned to vessels intended for recovery of oil from the water and shorelines in response to an oil spill in the marine environment, and built in compliance with these requirements for recovery of oil of unknown flash points and outfitted for the same in accordance with Sections 5-6-3 and 5-6-4 and other relevant sections of these Rules, and approved for oil recovery service at the assigned freeboard.

### 11.3 Oil Spill Recovery – Standby Class 2

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **✕ A1 Offshore Support Vessel (OSR-S2)** will be assigned to vessels intended for recovery of oil from the water and shorelines in response to an oil spill in the marine environment, and built in compliance with these requirements for recovery of oil having a flash point exceeding 60°C (140°F) and outfitted for the same in accordance with Section 5-6-6 and other relevant sections of these Rules, and approved for oil recovery service at the assigned freeboard.

### 11.5 Oil Spill Recovery – Capability Class 1

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **✕ A1 Offshore Support Vessel (OSR-C1)** will be assigned to vessels built in compliance with these requirements for recovery of oil of unknown flash points but not outfitted for the same in accordance with Section 5-6-5 and other relevant sections of these Rules, and approved for oil recovery service at the assigned freeboard.

## 11.7 Oil Spill Recovery – Capability Class 2

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **✘ A1 Offshore Support Vessel (OSR-C2)** will be assigned to vessels intended for recovery of oil from the water and shorelines in response to an oil spill in the marine environment, and built in compliance with these requirements for recovery of oil having a flash point exceeding 60°C (140°F) but not outfitted for the same in accordance with Section 5-6-7 and other relevant sections of these Rules, and approved for oil recovery service at the assigned freeboard.

## 13 Safety Standby Rescue

See also Part 5, Chapter 7.

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **✘ A1 Offshore Support Vessel (SSR)** will be assigned to vessels which have been adapted and have special features for evacuation, reception, rescue and care of persons from another vessel at sea or an offshore installation, and built in accordance with the requirements of Part 5, Chapter 7 and other relevant sections of these Rules, and approved for safety standby service at the assigned freeboards. In addition an entry will be made in the *Record*, indicating the class designation together with the number of survivors the vessel has been certified to accommodate [e.g., **GR A – (320)**, **GR B – (250)**, **GR C – (15)**, etc.].

## 15 Pipe Laying

See also Part 5, Chapter 8.

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **✘ A1 Offshore Support Vessel (Pipe Lay)** will be assigned to vessels designed and equipped for the installation of subsea pipelines and built in compliance with the requirements of Part 5, Chapter 8 and other relevant sections of these Rules.

## 17 Heavy Lift

See also Part 5, Chapter 9.

### 17.1 Class Notation

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the notation **✘ A1 Offshore Support Vessel (Heavy Lift)** will be assigned to vessels intended for the lifting of heavy loads in oil drilling and production operations, offshore construction and/or salvage operations, with a lifting capacity of 160 metric tons and above and built in compliance with the requirements of Part 5, Chapter 9 and other relevant sections of these Rules.

The above notation will be assigned to purpose-built vessels having all heavy lifting equipment permanently installed and classified by ABS. Such vessels will be distinguished in the *Record* with their assigned notation and information on the heavy lifting capabilities. Heavy lifting equipment will be subject to the annual surveys.

## 19 Well Intervention

See also Part 5, Chapter 10.

### 19.1 Permanent Well Intervention Systems

Vessels fitted with permanent well intervention systems that comply with Section 5-10-4 will be assigned the classification **✘ A1 Offshore Support Vessel (WI)**.

### 19.3 Temporary Well Intervention Systems

Vessels with temporary well intervention systems that comply with the requirements of Section 5-10-3 will be assigned the classification **✘ A1 Offshore Support Vessel (WI-TEMP)**.

Vessels with temporary well intervention systems installed on board and not assigned with notation **WI-TEMP** are to comply with the requirements of 5-10-3/13. In this case, no class notation related to well intervention systems will be assigned to the vessel.

### 19.5 Well Intervention Ready

Vessels designed to be “well intervention ready” that comply with Section 5-10-2 will be assigned the classification **✘ A1 Offshore Support Vessel (WI-READY)**.

## 21 Well Stimulation (2013)

See also Part 5, Chapter 11.

### 21.1 Permanent Well Stimulation Systems

Vessels fitted with permanent well stimulation systems that comply with the relevant Sections in Part 5, Chapter 11 will be assigned the classification **✘ A1 Offshore Support Vessel (WS)**.

### 21.3 Temporary Well Stimulation Systems

Vessels with temporary well stimulation systems that comply with the requirements of Section 5-11-7 will be assigned the classification **✘ A1 Offshore Support Vessel (WS-TEMP)**.

Vessels with temporary well stimulation systems installed on board and not assigned with notation **WS-TEMP** are to comply with the minimum requirements of Section 5-11-6. In this case, no class notation related to well stimulation systems will be assigned to the vessel.

### 21.5 Well Stimulation Ready

Vessels designed to be “well stimulation ready” that comply with Section 5-11-6 will be assigned the classification **✘ A1 Offshore Support Vessel (WS-READY)**.

## 23 Well Test

See also Part 5, Chapter 12.

### 23.1 Permanent Well Test Systems

Vessels fitted with permanent well test systems that comply with the requirements of Part 5, Chapter 12 of these Rules and Section 4 of the *ABS Guide for Well Test Systems* will be assigned the classification **✘ A1 Offshore Support Vessel (Well Test Service)**.

### 23.3 Temporary Well Test Systems

Vessels with temporary well test systems that comply with the requirements of Part 5, Chapter 12 of these Rules and Section 3 of the *ABS Guide for Well Test Systems* will be assigned the classification **✘ A1 Offshore Support Vessel (WT-TEMP)**.

Vessels with temporary well test systems installed on board and not assigned with notation **WT-TEMP** are to comply with the requirements of Subsection 3/19 of the *ABS Guide for Well Test Systems*. In this case, no class notation related to well testing systems will be assigned to the vessel.

### 23.5 Well Test Ready

Vessels designed to be “well test ready” that comply with the requirements of Part 5, Chapter 12 of these Rules and Section 2 of the *ABS Guide for Well Test Systems* will be assigned the classification **✘ A1 Offshore Support Vessel (WT-READY)**.

## 25 Escort

See also Part 5, Chapter 13.

### 25.1 Class Notation

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **⊗ A1 Offshore Support Vessel (Escort)** will be assigned to vessels intended for escort service (i.e. accompanying another vessel in transit) and designed and built to the requirements of Part 5, Chapter 13 and other relevant sections of these Rules.

## 27 Wind Turbine Installation, Maintenance and Repair (Wind IMR)

See also Part 5, Chapter 14.

### 27.1 Class Notation

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **⊗ A1 Offshore Support Vessel (Wind IMR)** will be assigned to vessels intended for the installation, maintenance and repair of wind turbines and designed and built to the applicable requirements of Part 5, Chapter 14 and other relevant sections of these Rules.

## 29 Cable Laying (2013)

See also Part 5, Chapter 15.

In accordance with 1-1-3/3 of the *ABS Rules for Conditions of Classification (Part 1)* and 5-1-1/5.1 of these Rules, the classification **⊗ A1 Offshore Support Vessel (Cable Lay)** will be assigned to vessels designed and equipped for the installation, maintenance and repair of underwater telecommunication cables and power transmission cables and built in compliance with the requirements of Part 5, Chapter 15 and other relevant sections of these Rules.

## 31 All Vessel Types Equipment Symbol (1 September 2017)

The symbol **ⓔ** placed after the symbols of classification, thus: **⊗ A1 ⓔ**, will signify that the equipment of anchors and chain cables of the vessel is in compliance with the requirements of the Rules or with requirements corresponding to the service limitation noted in the vessel's classification, which have been specially approved for the particular service. Guides and subsequent changes to Guides are to become effective on the date specified by ABS.

For Offshore Support Vessels, which have not been built under ABS survey, the optional equipment notation **ⓔ-(R)** may be assigned to the vessel's equipment, provided the existing anchors, chains and anchor windlass are confirmed certified by another recognized Classification Society. The available manufacturer's and classification test certificates and plans associated with the anchors, chains and windlass, as applicable, are to be submitted to ABS for reference and verification of the Equipment Numeral.

PART

1

CHAPTER 1 Scope and Conditions of Classification

SECTION 3 Rules for Classification

1 Application of Rules

**1.1 General**

These Rules are applicable to offshore support vessels intended for unrestricted ocean service, except where specifically mentioned otherwise. Offshore support vessels engaged in providing services of Supply, Anchor Handling or Towing, Fire Fighting, Diving and Underwater Vehicles Support, Oil Spill Recovery, Safety Standby and Rescue, Pipe Laying, Heavy Lift, Well Intervention, Well Stimulation, Well Test, Escort, and Wind Turbine Installation, Maintenance and Repair are to be in accordance with the applicable requirements of Part 5 of these Rules.

Where reference is made herein to the *ABS Rules for Building and Classing Steel Vessels (Steel Vessel Rules)*, the latest edition of those Rules is intended.

These requirements are applicable to those features that are permanent in nature and can be verified by plan review, calculation, physical survey or other appropriate means. Any statement in the Rules regarding other features is to be considered as guidance to the designer, builder, Owner, et al.

**1.3 Application**

The application of these Rules is, in general, based on its effective date and the contract date for construction between the shipbuilder and the prospective owner. (e.g., should these Rules have an effective date of 1 July 2013, it would not be applicable to a vessel for which the contract for construction was signed on 30 June 2013.) See also 1-1-4/3 of the *ABS Rules for Conditions of Classification (Part 1)*.

The effective date of these Rules is the first day of the month of publication.

PART

1

CHAPTER 1 Scope and Conditions of Classification

SECTION 4 Submission of Plans

Hull and machinery plans, as required below, are to be submitted to ABS for review and approval. Plans from designers and shipbuilders should generally be submitted electronically. However, hard copies will also be accepted. All plan submissions originating from manufacturers are understood to be made with the cognizance of the shipbuilder. A fee may be charged for the review of plans for which there is no contract of classification.

1 Hull Plans

Plans showing the arrangements, scantlings, details of principal parts of the hull structure and welding details of each vessel to be built under survey are to be submitted and approved before construction is commenced. These plans are also to include such particulars as the design draft and design speed. Where provision is to be made for any special type of cargo or for any exceptional conditions of loading, particulars of the weights and of their distribution are also to be given. In general, the plans as specified in 1-1-7/1 of the *ABS Rules for Conditions of Classification (Part 1)* are to be submitted for review or reference.

3 Machinery Plans and Data

Plans and data required to be submitted to ABS for review and approval are listed in 4-1-1/5 of these Rules.

5 Additional Plans (2013)

Additional plans to be submitted specific to the type of vessel are given in Part 5 of these Rules, as follows:

- Special Purpose 5-1-2/1.7
- Offshore Supply 5-2-1/7, 5-2-3/7
- Anchor Handling and Towing 5-3-1/7
- Fire Fighting 5-4-1/5
- Diving and ROV Support 5-5-1/5
- Oil Spill Recovery 5-6-1/5
- Safety Standby Rescue 5-7-1/5
- Pipe Laying 5-8-1/5
- Heavy Lift 5-9-1/7
- Well Intervention 5-10-1/9
- Well Stimulation 5-11-1/5
- Well Test 5-12-1/9
- Escort 5-13-2
- Wind Turbine Installation, Maintenance and Repair 5-14-1/7
- Cable Laying 5-15-1/5

Also, where certification under 1-1-5/3 or 1-1-5/5 of the *ABS Rules for Conditions of Classification (Part 1)* is requested, submission of additional plans and calculations may be required.