

# **RULES**

## **FOR THE CLASSIFICATION AND CONSTRUCTION OF FLOATING OFFSHORE OIL-AND-GAS PRODUCTION UNITS**

### **PART X**

#### **BOILERS, HEAT EXCHANGERS AND PRESSURE VESSELS**

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# **RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF FLOATING OFFSHORE OIL-AND-GAS PRODUCTION UNITS**

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Rules for the Classification and Construction of Floating Offshore Oil-and-Gas Production Units (FPU) of Russian Maritime Register of Shipping (RS, the Register) have been approved in accordance with the established approval procedure. The date of coming into force of the present Rules is 1 January 2022.

The present Rules set forth specific requirements for FPU, consider the recommendations of the IMO Code for the Construction and Equipment of MODU, as adopted by the IMO Assembly on 19 October 1989 (IMO resolution A.649(16)), take account of international practice of FPU construction and operation, requirements of the rules of the IACS members, international standards, as well as experience of Russian Maritime Register of Shipping relating to the classification and construction of ships, mobile offshore drilling units and fixed offshore platforms, stated in the relevant rules.

The Rules are published in the following parts:

Part I "Classification";

Part II "Hull";

Part III "Equipment, Arrangements and Outfit";

Part IV "Stability";

Part V "Subdivision";

Part VI "Fire and Explosion Protection";

Part VII "Machinery Installations";

Part VIII "Systems and Piping";

Part IX "Machinery";

Part X "Boilers, Heat Exchangers and Pressure Vessels";

Part XI "Electrical Equipment";

Part XII "Refrigerating Plants";

Part XIII "Materials";

Part XIV "Welding";

Part XV "Automation";

Part XVI "General Requirements and Safety Principles".

The present Rules supplement the Rules for the Classification and Construction of Sea-Going Ships, Rules for the Equipment of Sea-Going Ships and Rules for the Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms.

**REVISION HISTORY**

(purely editorial amendments are not included in the Revision History)

For this version, there are no amendments to be included in the Revision History.

## **1 GENERAL**

**1.1** The scope of technical supervision, materials used, strength of structural elements, heat treatment and scope of testing of boilers, heat exchangers and pressure vessels shall comply with the requirements of Sections 1 and 2, Part X "Boilers, Heat Exchangers and Pressure Vessels" of the Rules for the Classification and Construction of Sea-Going Ships<sup>1</sup>.

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<sup>1</sup> Hereinafter referred to as "the Rules for the Classification".

## **2 BOILERS**

**2.1** Boilers, their oil burning equipment, control, regulation, protection and alarm systems shall comply with the requirements of Sections 3 to 5, Part X "Boilers, Heat Exchangers and Pressure Vessels" of the Rules for the Classification.

### **3 HEAT EXCHANGERS AND PRESSURE VESSELS**

**3.1** Heat exchangers and pressure vessels shall comply with the requirements of Section 6, Part X "Boilers, Heat Exchangers and Pressure Vessels" of the Rules for the Classification.

Russian Maritime Register of Shipping

**Rules for the Classification and Construction of Floating  
Offshore Oil-And-Gas Production Units  
Part X**

**Boilers, Heat Exchangers and Pressure Vessels**

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