

RULES

FOR THE EQUIPMENT OF FLOATING OFFSHORE OIL-AND-GAS PRODUCT UNITS

PART IV NAVIGATIONAL EQUIPMENT

ND No. 2-020201-025-E



St. Petersburg

**RULES FOR THE EQUIPMENT
OF FLOATING OFFSHORE OIL-AND-GAS PRODUCT UNITS
(PART IV)**

The present version of Part IV "Navigational Equipment" of the Rules for the Equipment of Floating Offshore Oil-and-Gas Product Units of Russian Maritime Register of Shipping (RS, the Register) has been approved in accordance with the established approval procedure and comes into force on 1 July 2024.

The present version is based on the version dated 1 September 2023 and Rule Change Notice No. 24-85436 taking into account the amendments and additions developed immediately before publication (refer to the Revision History).

REVISION HISTORY¹

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

¹ With the exception of amendments and additions introduced by Rule Change Notices (RCN), as well as of misprints and omissions.

1 GENERAL¹

1.1 The requirements of this Part shall apply to the navigational equipment of floating offshore oil-and-gas product units (FPU) and supplement the requirements of Part V "Navigational Equipment" of the Rules for the Equipment of Sea-Going ships.

1.2 The FPU navigational equipment shall be installed in such a composition and have such specifications to ensure:

- .1** fixing of own position and observation of surrounding conditions;
- .2** the independent navigational support of self-propelled FPU at sea while in transit to the operational location.

¹ Application, definitions and explanations related to FPU are specified in Section 1 of Part I "Classification" of the Rules for the Classification and Construction of Floating Offshore Oil-and-Gas Product Units.

2 LIST OF NAVIGATIONAL EQUIPMENT

2.1 FPU shall be provided with the navigational equipment in accordance with [Table 2.1](#) depending on the group to which such FPU is assigned.

Table 2.1

Nos	Item	Quantity by group	
		Self-propelled	Non-self-propelled
1	Standard magnetic compass ¹	1	–
2	Gyrocompass	1	–
3	Log	1	–
4	Echo sounder	1	–
5	Automatic identification system (AIS) equipment	1	1
6	EPFS receiver ²	1	1
7	Radar including ARPA (automatic radar plotting aid)	1	1

¹ There shall be provided remote transmission of the standard magnetic compass readings to the main steering position.

² The electronic position fixing system (EPFS) used (global navigation satellite system or regional radio navigation system) shall be available for use at all times throughout the intended voyage.

2.2 The self-propelled FPU engaged on international voyages and constructed on or after 31 December 2008 shall be equipped with the system of long-range identification and tracking of ships (LRIT system).

The self-propelled FPU engaged on international voyages, constructed before 31 December 2008 and intended for navigation in sea areas A1 and A2 or in sea areas A1, A2, and A3, shall be equipped with LRIT system not later than the first survey of the radio installation after 31 December 2008.

The self-propelled FPU engaged on international voyages, constructed before 31 December 2008 and intended for navigation in sea areas A1, A2, A3 and A4 shall be equipped with LRIT system not later than the first survey of the radio installation after 1 July 2009. However, when these self-propelled FPU operate within sea areas A1, A2, and A3 they shall be equipped with LRIT system not later than the first survey of the radio installation after 31 December 2008.

LRIT system is not obligatory for FPU, irrespective of the date of construction, fitted with an automatic identification system (AIS) and intended to operate exclusively within sea area A1.

3 NAVIGATIONAL EQUIPMENT ARRANGEMENT

3.1 The navigational devices listed in [Table 2.1](#) shall be installed at the control station.

3.2 The navigational equipment shall not be installed in hazardous spaces and areas, unless it is of the appropriate intrinsically safe type.

Russian Maritime Register of Shipping

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Part IV
Navigational Equipment**

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