



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 312-16-1822c

dated 23.09.2022

Re:

amendments to the Rules for the Classification and Construction of Floating Offshore Oil-and-Gas Production Units, 2022, ND No. 2-020201-020-E

Item(s) of supervision:

single point moorings (SPM) under construction and in service

Entry-into-force date:

01.11.2022

~~Cancels / amends / adds Circular Letter No.~~

~~dated~~

Number of pages: 1 + 3

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part I "Classification"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the Rules for the Classification and Construction of Floating Offshore Oil-And-Gas Production Units shall be amended as specified in the Appendices to the Circular Letter.

It is necessary to do the following:

1. Bring the content of the Circular Letter to the notice of the RS surveyors, interested organizations and persons in the area of the RS Branch Offices' activity.
 2. Apply the provisions of the Circular Letter during review and approval of the technical documentation on SPM (or equipment installed on SPM, or products/machinery installed on SPM) contracted for construction or conversion on or after 01.11.2022, in the absence of a contract, during review and approval of the technical documentation on FPU requested for review on or after 01.11.2022.
 3. Apply the provisions of the Circular Letter during review of the technical documentation on SPM under construction and in service upon request of the interested parties.
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List of the amended and/or introduced paras/chapters/sections:

Part I: paras 1.2.1 and 3.7

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**Information on amendments introduced by the Circular Letter
(for inclusion in the Revision History to the RS Publication)**

Nos.	Amended paras/chapters/ sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
1	Para 1.2.1	New definition "Manifold" has been introduced	312-16-1822c of 23.09.2022	01.11.2022
2	Para 3.7	New para has been introduced containing requirements for the scope of the Information Booklet and Maintenance Manual for Single Point Moorings	312-16-1822c of 23.09.2022	01.11.2022

RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF FLOATING OFFSHORE OIL-AND-GAS PRODUCTION UNITS, 2022,

ND No. 2-020201-020-E

PART I. CLASSIFICATION

1 GENERAL

1 **Para 1.2.1.** After the definition "Floating storage and offloading unit (FSO)" the definition "Manifold" is introduced reading as follows:

"Manifold is a collection of pipes with the necessary valves, assembled in such a way as to allow selective direction of flows."

3 TECHNICAL DOCUMENTATION

2 **New para 3.7** is introduced reading as follows:

3.7 Prior to commissioning of a single point mooring (SPM), the Information Booklet and Maintenance Manual for Single Point Moorings (hereinafter referred to as "the Maintenance Manual") shall be submitted to the Register and shall include, at least, the following information:

.1 site chart of the mooring area with indication of all potential navigation hazards (grounds, islands, other moored facilities, etc.), sea depths in the area of mooring and approach, maneuvering area and maximum swing circle of the moored ship;

.2 ship's particulars including displacement, deadweight, length, draught and distance from bow to manifold;

.3 design loads from ships of various sizes, including wind, wave, current and tides loads;

.4 design cargo transfer characteristics, including type of cargo and design maximum working pressure in cargo transfer system, working temperature, flow rate, minimum valve closing time including the ship's manifold valves;

.5 plans showing the general arrangement of the single point mooring components and details of those components required to be handled during operation or inspected during maintenance, including details of access to these components;

.6 description of navigation aids and safety features including navigation lights, flashing lights, sound signal means, signal shapes, radar reflectors, portable fire extinguishers;

.7 recommended procedure for the mooring and disconnecting a ship at the SPM;

.8 recommended procedure for connecting and disconnecting floating hose to a tanker's manifold;

.9 recommended maintenance schedule and procedures for the SPM facilities, including a check list of arrangements, equipment and outfit recommended for periodic inspection. Where applicable, procedures for adjusting anchor leg tension, removal and reinstallation of hoses, inspection of flexible risers, adjustment of buoyancy tanks, and replacement of seals in the cargo swivel shall be included;

.10 recommended cargo system pressure testing.

The Maintenance Manual shall be submitted to the Register only for information to ensure that the above information is consistent with the SPM design information and limitations. The Register is not responsible for the operation of the SPM.

The Maintenance Manual may also contain information required by Flag State Maritime Administration of the SPM and/or coastal state."