



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 391-06-1425c**

dated 04.08.2020

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Re:

amendments to the Recommendations for Design, Construction and Operation of Subsea Pipelines, 2020, ND No. 2-090601-007-E

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Item(s) of supervision:

subsea pipelines

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Entry-into-force date:

**01.09.2020**

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Number of pages:

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Section 2 "Specifics of Subsea Pipelines Design"

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Director General

Konstantin G. Palnikov

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Text of CL:

We hereby inform that the Recommendations for Design, Construction and Operation of Subsea Pipelines shall be amended as specified in the Appendices to the Circular Letter.

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It is necessary to do the following:

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.

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List of the amended and/or introduced paras/chapters/sections:

Section 2: paras 2.3.2, 2.3.3 and 2.3.4

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"Thesis" System No. 20-177060

**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	Section 2, para 2.3.2	Para has been amended in connection with transferring the requirements to 1.5.2, Part I "Subsea Pipelines" of the Rules for the Classification and Construction of Subsea Pipelines	391-06-1425c of 04.08.2020	01.09.2020
2	Section 2, para 2.3.3	Para has been amended in connection with transferring the requirements to 1.5.3, Part I "Subsea Pipelines" of the Rules for the Classification and Construction of Subsea Pipelines	391-06-1425c of 04.08.2020	01.09.2020
3	Section 2, para 2.3.4	Para has been amended in connection with transferring the requirements to 1.5.4, Part I "Subsea Pipelines" of the Rules for the Classification and Construction of Subsea Pipelines	391-06-1425c of 04.08.2020	01.09.2020

## RECOMMENDATIONS FOR DESIGN, CONSTRUCTION AND OPERATION OF SUBSEA PIPELINES, 2020,

### ND No. 2-090601-007-E

#### 2 SPECIFICS OF SUBSEA PIPELINES DESIGN

1 **Para 2.3.2** is replaced by the following text:

##### **"2.3.2 Design documentation.**

As the current practice of design development in the Russian Federation shows, subsea pipelines are designed, in general, for the entire system of field facilities on the sea shelf with the "Linear facilities" design section being singled out for subsea pipeline facilities [5].

For the subsea pipelines in the exclusive economic zone, on the continental shelf, in the internal sea waters and/or in the territorial sea of the Russian Federation, the designs shall be subject to the state expert appraisal of design documentation in accordance with the Town-planning Code of the Russian Federation [4]. In addition, subsea pipeline systems of various purposes intended for hydrocarbon transportation shall comply with the requirements of the RF legislation on industrial safety of hazardous production facilities [6].

The requirements for design documentation are given in 1.5.2, Part I "Subsea Pipelines" of the Rules for the Classification and Construction of Subsea Pipelines."

2 **Para 2.3.3** is replaced by the following text:

##### **"2.3.3 Detailed design documentation.**

In order to implement technical and process solutions specified in the design documentation on the offshore pipeline system facilities in the process of pipeline construction, detailed design documentation containing text documents, design drawings, specifications of equipment and products, process flow diagrams and procedures used for the construction and testing of the subsea pipeline shall be developed.

Detailed construction and process documentation is developed based on the offshore pipeline system design approved by the Register and the relevant competent supervisory bodies. In this case, the RS comments, which were indicated in the RS conclusion letter as subject to elimination at the detailed design stage, shall be taken into account in the detailed design documentation.

Detailed construction and process documentation shall be subject to the RS approval prior the construction of a subsea pipeline and the commencement of technical supervision during its construction.

The requirements for detailed design documentation are given in 1.5.3, Part I "Subsea Pipelines" of the Rules for the Classification and Construction of Subsea Pipelines."

3 **Para 2.3.4** is replaced by the following text:

##### **"2.3.4 As-built documentation.**

When the Register provides services on classification of subsea pipelines built without the RS technical supervision based on 1.4.4.3, Part I "Subsea Pipelines" of the SP Rules, as-built documentation shall be reviewed and approved by the Register in addition to design and detailed design documentation for construction of a subsea pipeline.

As-built documentation is prepared by the contractor carrying out construction of the subsea pipeline based on Order of the Federal Environmental, Industrial and Nuclear Supervision Service of Russia (Rostekhnadzor) No. 1128 of December 26, 2006 [8].

The requirements for as-built documentation are given in 1.5.4, Part I "Subsea Pipelines" of the Rules for the Classification and Construction of Subsea Pipelines."