



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**URGENT RULE CHANGE NOTICE**

**No. 311-05-2023**

dated 11.07.2024

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Entry-into-force date:

**01.08.2024**

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Re: amendments to the Rules for the Classification and Construction of Sea-Going Ships, ND No. 2-020101-174-E (Parts XI "Electrical Equipment" and XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships")

The requirements have been amended regarding ships equipped with a helideck or a helicopter facility.

Instructions for application:

Apply the provisions of this notice during review and approval of the technical documentation on ships contracted for construction or conversion on or after 01.08.2024, in the absence of a contract, on ships, the keels of which are laid, which are at a similar stage of construction on or after 01.08.2024, as well as during review and approval of the technical documentation on ships, requested for review on or after 01.08.2024.

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Director General

Sergey A. Kulikov

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**AMMENDMENTS  
TO THE RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS**

**REVISION HISTORY**

**PART XI. ELECTRICAL EQUIPMENT (01.07.2024)**

Item	Applied to	Description	Remarks
Chapter 6.9	Ships equipped with a helideck or a helicopter facility  Lighting and illumination means of helidecks	Requirements for the lighting and illumination means of helidecks have been deleted	The requirements have been transferred to Section 6, Part XVII

**PART XVII. DISTINGUISHING MARKS AND DESCRIPTIVE NOTATIONS IN THE CLASS NOTATION SPECIFYING STRUCTURAL AND OPERATIONAL PARTICULARS OF SHIPS (01.07.2024)**

Item	Applied to	Description	Remarks
Para 6.1.1.4	Ships equipped with a helideck or a helicopter facility  Distinguishing marks <b>HELIDECK, HELIDECK-F, HELIDECK-H</b>	The provisions have been specified concerning compliance with the requirements of ICAO and national aviation regulations. The requirement to provide a compliance document issued by the Civil Aviation Authority has been deleted.	
Para 6.2.1	Ships equipped with a helideck or a helicopter facility  Helideck	The provisions have been specified regarding fulfillment of the requirements for the helideck arrangement ensuring flight sectors	
Para 6.5.1.1	Ships equipped with a helideck or a helicopter facility  Helicopter refuelling system	The provisions regarding fulfillment of the requirements for handling of aviation fuel have been specified	

Item	Applied to	Description	Remarks
Chapter 6.6	Ships equipped with a helideck or a helicopter facility Electrical equipment	The requirements for the lighting and illumination means of helidecks have been introduced (the content of Chapter 6.9, Part XI "Electrical Equipment" has been transferred; the requirement for the lighting characteristics and arrangement has been specified)	
Chapter 6.7	Ships equipped with a helideck or a helicopter facility Communications	The requirement to determine the list of the radio and meteorological equipment has been specified	

## **PART XI. ELECTRICAL EQUIPMENT**

### **6 LIGHTING**

#### **6.9 LIGHTING AND ILLUMINATION MEANS OF HELIDECKS**

**Chapter 6.9** is deleted.

## **PART XVII. DISTINGUISHING MARKS AND DESCRIPTIVE NOTATIONS IN THE CLASS NOTATION SPECIFYING STRUCTURAL AND OPERATIONAL PARTICULARS OF SHIPS**

### **6 REQUIREMENTS FOR HELICOPTER FACILITIES**

#### **6.1 GENERAL**

**Para 6.1.1.4** is replaced by the following text:

**"6.1.1.4** Fulfilment of the requirements of this Section does not exempt from compliance with the International Civil Aviation Organization (ICAO) and national requirements of a Flag State (if any) for ensuring safe operation of helicopters, at the stages of design, manufacture, confirmation of compliance, testing and operation of helicopter facilities."

#### **6.2 HELIDECK DESIGN**

**Para 6.2.1** is replaced by the following text:

**"6.2.1** Helideck arrangement with regard to ensuring the horizontal and vertical sectors for helicopter approach, takeoff and landing shall be determined in accordance with the requirements of ICAO and aviation regulations of a Flag State (if any)."

#### **6.5 SYSTEMS AND PIPING**

**Para 6.5.1.1** is replaced by the following text:

**"6.5.1.1** This chapter contains general requirements for shipboard helicopter refuelling systems with regard to their design and location on the ship. In terms of bunkering, storage, cleaning, quality control and fuel transfer, the Flag State aviation regulations shall be applied."

#### **6.6 ELECTRICAL EQUIPMENT**

**Chapter 6.6** is replaced by the following text:

##### **"6.6 ELECTRICAL EQUIPMENT**

###### **6.6.1 General requirements.**

**6.6.1.1** Electrical equipment and electric wiring of hangars and spaces where helicopter refuelling and maintenance facilities are located shall comply with the requirements of 2.9, Part XI "Electrical Equipment".

**6.6.1.2** The lighting and illumination means for helidecks shall at least provide for the following:

- indication of the perimeter (boundaries) of the helideck;
- illumination of the landing area;

indication of the elevated structures within the landing area.

**6.6.1.3** Lights used for this purpose shall be protected to not lower than level IP56 and shall function reliably under environmental effects mentioned in Section 2, Part XI "Electrical Equipment".

**6.6.1.4** All lighting and illumination means as well as other electrical equipment within helicopter refuelling stations and hangars shall be of certified safe type and designed to not lower than the temperature class T3 and subgroup IIA.

**6.6.1.5** Lighting characteristics and arrangement shall be determined in accordance with the requirements of ICAO and the Flag State aviation regulations.

**6.6.1.6** The lighting and illumination means mentioned in this Chapter shall be fed by uninterruptible power supply (UPS).

**6.6.2 Perimeter lights.**

**6.6.2.1** The lights shall be divided into two independent circuits and supplied in such a manner that when the power to any one circuit fails, 50 % of lights to indicate the perimeter remain functioning.

**6.6.3 Illumination of the landing area.**

**6.6.3.1** The landing area and wind direction indicator shall be properly illuminated. For this purpose, floodlights may be used.

**6.6.3.2** Helideck floodlights shall be located so as to avoid glare to pilots during takeoff, landing and maneuvering.

**6.6.4 Obstruction/warning lights.**

**6.6.4.1** To provide flight safety, all considerably elevated structures and items such as superstructure components, drill and production strings, etc. shall be marked by special obstruction/warning red lights.

**6.6.4.2** Lights shall be divided into several independent circuits and supplied in such a manner that when power supply to one of the circuits fails, the basic part of the obstruction/warning lights remains functioning."

## **6.7 COMMUNICATIONS**

**Para 6.7.1** is replaced by the following text:

**"6.7.1** List of the radio and meteorological equipment to ensure helicopter operation shall be determined in accordance with the requirements of ICAO and the Flag State aviation regulations (if any)."