



RUSSIAN MARITIME REGISTER OF SHIPPING

URGENT RULE CHANGE NOTICE **No. 311-05-2039** dated 05.03.2025

Entry-into-force date:

From the date of publication

Re: amendments to the Rules for the Classification and Construction of Pleasure Craft, 2018, ND No. 2-020101-110-E (Part X "Fire Protection").

Requirements have been amended for the water fire main system of pleasure craft depending on the output of main engines or fixed power source, craft length and number of persons onboard.

Instructions on application:

Apply the provisions of the Notice during review and approval of the technical documentation on craft contracted for construction or conversion on or after 05.03.2025, in the absence of a contract, during review and approval of the technical documentation on craft requested for review on or after 05.03.2025.

Director General

Sergey A. Kulikov

Person in charge: Evgeny V. Koptev

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+7(812)312-11-00

**AMENDMENTS
TO THE RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF PLEASURE CRAFT (01.01.2018)**

REVISION HISTORY

PART X. FIRE PROTECTION

Item	Applied to	Description	Remarks
Para 5.5.1.1	Self-propelled craft with the main engines of output 120 kW and over, and non-self-propelled craft with the fixed power source of output 120 kW and over Water fire main system Fire pumps	In connection with significant amendment of para 5.5.1.2, requirements have been introduced for number and type of fire pumps depending on output of the main engines or fixed power source and length of the craft. Requirements regarding possible use of sanitary, bilge and other pumps as fire pumps have been transferred to para 5.5.2.2	
Para 5.5.1.2	Self-propelled and non-self-propelled craft irrespective of the main engines' output and craft length Water fire main system Fire pumps	Requirements have been introduced for arrangement of fire pumps and capacity of hand-operated fixed fire pump	
Para 5.5.1.3	Self-propelled craft with the main engines of output not more than 120 kW and non-self-propelled craft with the fixed power source of output not more than 120 kW Water fire main system Fire pumps	In connection with significant amendment of para 5.5.1.1, requirement has been introduced for number and type of fire pumps depending on output of the main engines or fixed power source and length of the craft. Condition, under which the fixed water fire main system may not be installed, has been transferred to para 5.5.1.4	

Item	Applied to	Description	Remarks
Para 5.5.1.4	<p>Craft of not more than 15 m in length having on board not more than 18 persons, including the crew</p> <p>Water fire main system</p>	<p>From para 5.5.1.3 condition has been transferred, under which the water fire main system may not be installed with the people onboard not more than 18 persons, including the crew.</p> <p>Requirement has been deleted regarding installation of fixed hand-operated pumps or motor pumps as the main fire pumps on craft over 15 m in length</p>	
Para 5.5.1.6	<p>Water fire main system</p> <p>Fire pumps</p>	<p>Requirements have been deleted regarding other water-based fire extinguishing systems that may be used instead of the water fire main system as introducing uncertainty at their application</p>	
Para 5.5.2.2	<p>Water fire main system</p> <p>Fire pumps</p>	<p>From para 5.5.1.1 requirements have been transferred regarding possible use of sanitary, bilge and other pumps as fire pumps</p>	

PART X. FIRE PROTECTION

5 FIRE EXTINGUISHING SYSTEMS

5.5 WATER FIRE MAIN SYSTEM

Para 5.5.1.1 is replaced by the following text:

"5.5.1.1 On self-propelled craft with the main engines of output 120 kW and over, and non-self-propelled craft with the fixed power source of output 120 kW and over shall be provided with a water fire main system ensuring at least the delivery of two water jets from different hydrants through hoses of standard length to any area of the craft which is generally accessible to crew and complying with the following requirements:

.1 on such craft of not more than 15 m in length, the water fire main system shall be served by one independently driven fire pump of a capacity not less than 15 m³/h. Such a pump, along with its piping and sea connection shall be located in machinery space;

.2 on such craft over 15 m in length, the water fire main system shall be served by two independently driven fire pumps, one of which may be driven from the main engine. The second pump (additional fire pump) may be a fixed hand-operated pump, provided it is in compliance with the requirements of 5.5.1.2 and 5.5.1.9 or small-sized portable motor pump with capacity not less than 7,2 m³/h fitted with a suction hose that does not collapse because of the low pressure on the suction side. Herewith, the capacity of independently driven main fire pump shall be not less than 15 m³/h."

Para 5.5.1.2 is replaced by the following text:

"5.5.1.2 On all craft where two fire pumps are installed, these pumps shall be installed in two different spaces (compartments) together with their own sources of power and sea connections.

Where the hand-operated fixed fire pump is fitted as the additional fire pump, this pump and its connected pipelines shall be located outside the machinery space and its capacity shall be not less than 1 m³/h at 45 strokes/min."

Para 5.5.1.3 is replaced by the following text:

"5.5.1.3 Craft over 15 m in length, other than those given in 5.5.1.1, shall be equipped with the water fire main system served by at least one independently driven fire pump of capacity not less than 15 m³/h.

Craft of not more than 15 m in length, other than those given in 5.5.1.1, may be equipped with the water fire main system served by small-sized portable motor pump complying with the requirements of 5.5.1.1.2 or hand-operated fixed pump complying with the requirements of 5.5.1.2."

Para 5.5.1.4 is replaced by the following text:

"5.5.1.4 The water main system may not be installed on craft of not more than 15 m in length having not more than 18 persons on board, including the crew."

Para 5.5.1.6 is amended as follows:

"5.5.1.6 The capacity of the independently driven fire pump ~~of a fixed water fire main system~~ shall be sufficient to ensure simultaneous operation of two fire nozzles with the largest nozzle size adopted for the craft concerned at a pressure at the farthest hydrant being 0,2 MPa.

~~Other water fire main systems shall be designed as to be capable of delivering at least one jet of water to any part of the craft at a pressure at the farthest hydrant being 2 MPa."~~

Para 5.5.2.2 is amended as follows:

"5.5.2.2 The fire pump may be used for other purposes (e.g. flushing out of decks, hawse pipes, etc.).

The fire pump may be used for other services (bilge pumping, emergency drainage of motor compartment), provided that the simultaneous operation of them is ensured and the requirements of these Rules for the services are met.

For fire fighting purpose, along with special fire pumps, sanitary, bilge and other pumps may be used, the capacity and head of which shall be not less than the design values for fire pumps."