



# RUSSIAN MARITIME REGISTER OF SHIPPING

HEAD OFFICE

**CIRCULAR LETTER**

**№ 312-17- 705C**

dated *19.12* 2013

Re:  
Introduction of a descriptive notation **Crew boat** for high-speed craft designed for transportation of industrial personnel

Item of technical supervision:  
Ships in service and under construction

Implementation since 01.01.2014

Valid: until re-publication of the RS Rules

Validity period extended till -

~~Cancels/amends/adds Circular Letter №~~ \_\_\_\_\_ dated -

Number of pages: 1 + 4

Appendices: Text of additions and amendments to be introduced in Rules for the Classification and Construction of High-Speed Craft (2013)

Head of Directorate V.I. Evenko

Amends Rules for the Classification and Construction of High-Speed Craft, 2013, ND No. 2-020101-075.

It is necessary to do the following:

1. Familiarize the RS surveyors and the interested organizations within the area of the RS Branch Offices' activity with the content of the Circular Letter.
2. Apply the RS Rules with additions and amendments given in the Circular Letter during review of design documentation of ships under construction, the requests for which review were received from 1 January 2014, and during transfer of ships in service to the RS class.

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# **RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF HIGH-SPEED CRAFT (2013)**

## **Part I "Classification"**

Para.2.6 shall be amended to read:

### **2.6 Descriptive notation**

The descriptive notation represents a ship category and shall be put as follows:

for passenger ship of A category – **passenger-A**;

for passenger ship of B category – **passenger-B**.

For high-speed craft intended for transportation of the industrial personnel servicing offshore installations and complying with the requirements of Part XX "Ships for transportation of industrial personnel", in addition to the HSC character of type according to 2.5, a descriptive notation **Crew boat** may be added in concurrence with flag state Maritime Administration.

### **Text of the Rules shall be supplemented by Part XX as follows:**

## **PART XX. SHIPS FOR TRANSPORTATION OF INDUSTRIAL PERSONNEL.**

### **1 GENERAL**

#### **1.1 Application.**

**1.1.1** These requirements cover high-speed craft intended for transportation of industrial personnel, servicing offshore installations, in the number of above 12 but not exceeding 450 persons not engaged in the international voyages.

For such ships to the character of classification in addition to the NSC character of type according to 2.5, Part I "Classification" a descriptive notation **Crew boat** may be added in concurrence with flag state Maritime Administration.

**1.1.2** The maximum distance from the place of refuge for the ships with the descriptive notation **Crew boat** in the character of classification is a distance which may cover during 4 hours at the service speed and fully-loaded but not exceeding 200 miles.

**1.1.3** The industrial personnel to be transported on such ships shall have certificates to prove the training in compliance with Section A-VI/1 "Mandatory minimum requirements for safety familiarization, basic training and instruction for all seafarers" of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers.

**1.1.4** Transportation of above 12 passengers on ships with the descriptive notation **Crew boat** in class notation shall be prohibited.

**1.1.5** The descriptive notation **Crew boat** in class notation may be assigned to ships under construction and ships in service.

#### **1.2 Documents**

Documents for ships with the descriptive notation **Crew boat** in the class notation shall be issued in compliance with 5.3 – 5.6, Part "General".



High-Speed Craft Certificate and Permit to Operate High-Speed Craft for ships with the descriptive notation **Crew boat** in the class notation shall not be issued.

## 2 CLASSIFICATION

Classification of ships with the descriptive notation **Crew boat** in the class notation is performed in compliance with Part I "Classification".

## 3 HULL STRUCTURE AND STRENGTH

The hull structure and strength of ships with the descriptive notation **Crew boat** in class notation are covered by the applicable requirements given in Part II "Hull" and Part XVI "Hull structure and strength of glass-reinforced plastic ships and boats" of the Rules for Classification and Construction of Sea-Going Ships" and in Part II "Hull structure and strength".

## 4 EQUIPMENT, ARRANGEMENTS AND OUTFIT

Equipment, arrangements and outfit of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Part III "Equipment, arrangements and outfit" applicable to passenger ships.

## 5 STABILITY

Stability of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Part IV "Stability" applicable to passenger ships.

## 6 RESERVE OF BUOYANCY AND SUBDIVISION

Reserve of buoyancy and subdivision of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Part V "Reserve of buoyancy" applicable to passenger ships.

## 7 FIRE SAFETY

**7.1** Structural fire protection of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Part VI "Fire protection" applicable to passenger ships.

**7.2** Fire-fighting equipment and systems of the ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Section 3, Part VI "Fire protection", therewith:

**.1** the ship shall be equipped with at least one main fire pump with the capacity complying with 3.5.1, Part VI "Fire protection";

**.2** on ships with gross tonnage more than 500 where the main fire pump is installed in the space not protected with fixed fire-fighting system, the emergency fire pump with the capacity of at least 15 m<sup>3</sup>/h. On ships with gross tonnage below 500 the emergency fire pump shall not be required;

**.3** the requirements 3.9 and 3.11, Part VI "Fire protection" shall not be applied;

**.4** the requirements of 3.3, Part VI "Fire protection" shall be met, except of:

- the necessity of protection the galleys less than 10 m<sup>2</sup> in area by the fixed fire-fighting system;
- the necessity of remote control of fire-fighting system from the wheelhouse, provided the availability of manual control from the local station located in safe and easily accessible place.



**7.3** Fire-fighting systems of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Chapter 4, Part VI "Fire protection".

**7.4** Fire outfit and spare parts of the ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Section 5, Part VI "Fire protection", therewith on ships with gross tonnage below 150 the fireman's outfit is not required. On ships with gross tonnage 150 and above at least one fireman's outfit shall be provided.

## **8 MACHINERY INSTALLATIONS**

**8.1** Machinery installations of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Part VII "Machinery installations" applicable to cargo ships.

**8.2** Machinery of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Part IX "Machinery" applicable to cargo ships.

**8.3** As a rule, ships with the descriptive notation **Crew boat** in class notation shall be equipped by two independent propulsion installations having their own driving engines. The failure in operation of one engine or its auxiliary machinery shall not result in the failure of another engine and its auxiliary machinery and systems.

The possibility to install one propulsion plant on board the ship shall be specially considered by the Register in each case.

**8.4** In the scope of design documentation a review of propulsion plant and steering gear failures shall be submitted based on the safe coming back to port in case of any single failure or fire in any space, as well as a list of solutions aimed at reduction of failure effects.

**8.5** To restore performance of the engine and manoeuvring means a set of spare parts shall be provided on board for replacement of faulty components. In general, scope of spare parts shall comply with the requirements of Section 4, Part VII "Machinery installations" with due regard to the opinion of the equipment manufacturers and depending on the dimensions and particulars of the ship.

Moreover, the extent of spare parts may be modified for each particular case as may be agreed between the Register and the shipowner with regard to the anticipated conditions of ships operation.

## **9 SYSTEMS AND PIPING**

Systems and piping of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Part VIII "Systems and piping" applicable to cargo ships.

## **10 ELECTRICAL EQUIPMENT**

**10.1** Electrical equipment of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Part XI "Electrical equipment" applicable to passenger ships.

**10.2** As a main source of electrical power on ships with electrical installation of low power, it is permitted to install one generator with an independent drive or storage batteries operating together with attached generators. When the main power source is storage batteries, their capacity shall be sufficient to ensure power supply of the required electrical equipment in each mode of ship's operation with the simultaneous provision of normal habitability conditions during 8 hours without recharging.

## 11 AUTOMATION

Means of automation of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Part XV "Automation" applicable to passenger ships.

## 12 MATERIALS

Materials and products subject to RS technical supervision during their manufacture shall meet the requirements of Part XIII "Materials" of the Rules for the Classification and Construction of Sea-Going Ships.

## 13 LIFE-SAVING APPLIANCES

Life-saving appliances of ships with the descriptive notation **Crew boat** in the class notation shall meet the requirements of Part XVI "Life-saving appliances" applicable to cargo ships.

## 14 RADIO EQUIPMENT

Radio equipment of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Part XVII "Radio equipment".

## 15 NAVIGATIONAL EQUIPMENT

Navigational equipment of ships with the descriptive notation **Crew boat** in class notation shall meet the requirements of Part XVIII "Navigational equipment", except of 1.2.

## 16 POLLUTION PREVENTION

**16.1** The Rules for the Prevention of Pollution from Ships Intended for Operation in Sea Areas and Inland Waterways shall be applicable to ships with the descriptive notation **Crew boat** in class notation with due regard to the provisions of 16.3 – 16.5.

**16.2** In addition to 16.1 the ships shall meet the requirements of flag Administration, when available.

**16.3** The ship shall be equipped with an oil residues (sludge) collecting tank (tanks), the capacity of which shall be determined in compliance with 8.2.1, Part II "Ship's Construction, Equipment and Arrangements for the Prevention of Pollution by Oil" of the Rules for the Prevention of Pollution from Ships Intended for Operation in Sea Areas and Inland Waterways of the Russian Federation.

**16.4** All cargo and bunkering manifolds shall be provided with trays for leakage collection fitted with draining arrangements in the form of a branch pipe with stop valve. Therewith, for ships of gross tonnage of 300 and above the trays shall be capacity at least of 80 l in capacity.

The trays shall be fitted with drain piping laid to collecting tanks, where applicable and practically reasonable.

**16.5** When the ship is intended for carriage of limited amounts of hazardous and noxious substances in bulk, it shall meet the requirements of Chapter 4 "Guidelines for the transport and handling of limited amounts of hazardous and noxious liquid substances in bulk in offshore support vessels" (IMO Resolution A.673(16) as amended as per MEPC Resolution. 158(55)).