

# RULES

## FOR THE CLASSIFICATION AND CONSTRUCTION OF SMALL SEA FISHING VESSELS

### PART XVII RADIO EQUIPMENT

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**St. Petersburg**  
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# **RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SMALL SEA FISHING VESSELS**

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Rules for the Classification and Construction of Small Sea Fishing Vessels of Russian Maritime Register of Shipping (RS, the Register) have been approved in accordance with the established approval procedure and come into force on 1 January 2022.

The present edition of the Rules is based on the 2021 edition taking into account the amendments and additions developed immediately before publication.

The Rules are published in the following parts:

Part I "Classification";

Part II "Hull";

Part III "Equipment, Arrangements and Outfit";

Part IV "Stability and Freeboard";

Part V "Subdivision";

Part VI "Fire Protection";

Part VII "Machinery Installations";

Part VIII "Systems and Piping";

Part IX "Machinery";

Part X "Boilers, Heat Exchangers and Pressure Vessels";

Part XI "Electrical Equipment";

Part XII "Refrigerating Plants";

Part XIII "Materials";

Part XIV "Welding";

Part XV "Automation";

Part XVI "Structure and Strength of Fiber-Reinforced Plastic Ships";

Part XVII "Radio Equipment";

Part XVIII "Navigational Equipment".

**REVISION HISTORY**

(purely editorial amendments are not included in the Revision History)

For this version, there are no amendments to be included in the Revision History.

## **1 GENERAL**

**1.1** Requirements of this Part of the Rules for the Classification and Construction of Small Sea Fishing Vessels apply to small sea fishing vessels mentioned in Part I "Classification".

**1.2** Radio equipment used on small sea fishing vessels, which is not covered by this Part or is covered partially, is covered by the requirements of Part IV "Radio Equipment" of the Rules for the Equipment of Sea-Going Ships, which do not contradict the requirements of this Part.

## **2 LIST OF RADIO EQUIPMENT**

**2.1** List of radio equipment of a small sea fishing vessel shall comply with the requirements of 2.2.4, Part IV "Radio Equipment" of the Rules for the Equipment of Sea-Going Ships.

**2.2** List of radio equipment of the small sea fishing vessels operating in pair or group, may be determined proceeding from the fulfillment of the following conditions:

**.1** the ship, under command of which there is another ship or ships in group, shall fully comply with the respective requirements of the Rules for the Equipment of Sea-Going Ships according to the sea area;

**.2** other ships in pair or group shall be fitted with radio equipment providing reliable distress alert transmission to the command ship and efficient radio communication with the command ship;

**.3** every ship shall be fitted with emergency position indicating radio beacon.

Ships operated in pair or group are considered two or more ships operating or navigating together, at that distance between any of the ships and the command ship shall not exceed 25 miles.

### **3 SOURCES OF POWER**

**3.1** The reserve source of electrical power on the small sea fishing vessel shall be capable of simultaneously operating the below listed equipment during 1 h, if the emergency source of power fully comply with all relevant requirements of Part XI "Electrical Equipment" and during 3 h, if it does not comply with the requirements or is not provided:

VHF radio installation in sea area A1;

VHF radio installation and MF or MF/HF radio installation in sea area A2;

VHF radio installation, MF or MF/HF radio installation and/or INMARSAT ship earth station in sea area A3;

electrical lighting of controls of VHF radio installation and radio installation corresponding to the sea area;

radionavigation system receiver, if it provides continuous input of the required data for proper operation of the above mentioned radio installations.

#### **4 MAINTENANCE**

**4.1** Serviceability of GMDSS equipment shall be ensured by one of the following ways: duplication of equipment, shore-based maintenance and repair or at-sea electronic maintenance and repair capability, or a combination of these.

**5 LOCATION OF COSPAS-SARSAT EMERGENCY POSITION  
INDICATING RADIO BEACON**

**5.1** Location of COSPAS-SARSAT emergency position indicating radio beacon (EPIRB) shall be designated with distinct and readable inscription "Emergency position indicating radio beacon" and the appropriate safety sign in compliance with IMO resolution A.1116(30).



Russian Maritime Register of Shipping

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Part XVII  
Radio Equipment**

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