



RUSSIAN MARITIME REGISTER OF SHIPPING
KNOWLEDGE MATTERS

Experience in consideration of fishing vessels' designs. Typical questions when interacting with the class.

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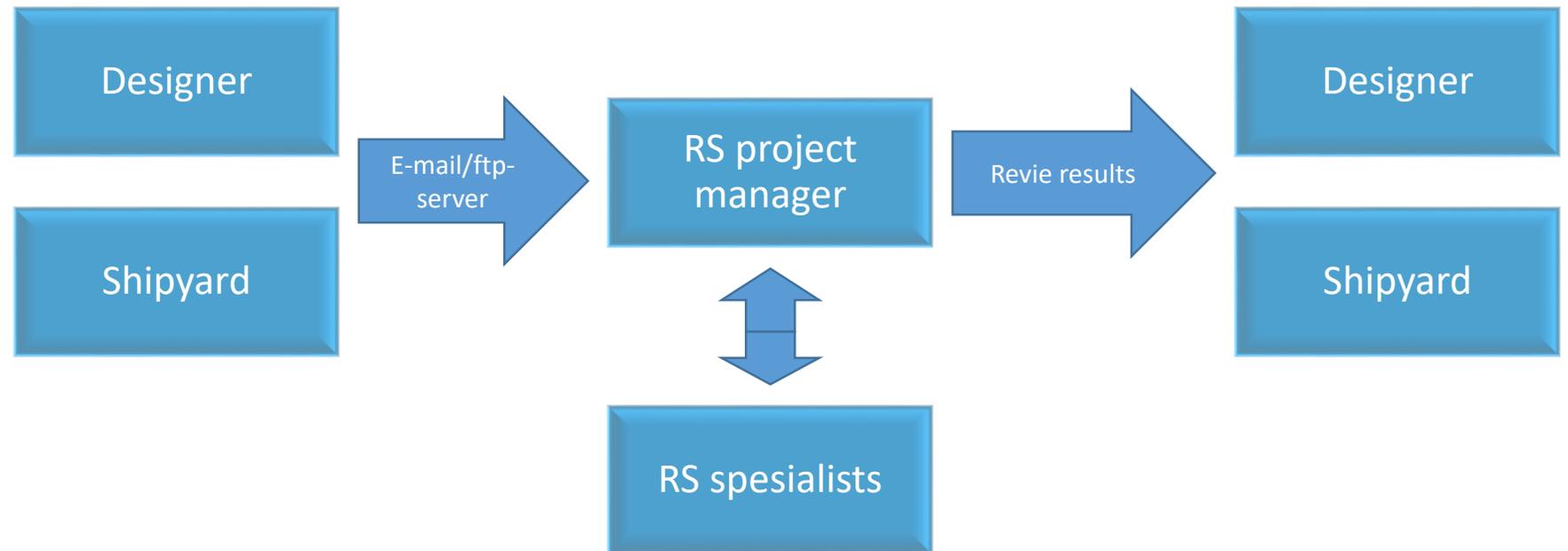
Current designs

<u>No.</u>	<u>Design No.</u>	<u>Design type</u>	<u>Class notation</u>
1.	3575	Plan approval	KM ⚙ Ice3 (hull; machinery) AUT1 REF Fishing vessel
2.	HC8171	Plan approval	KM ⚙ Ice2 (hull; machinery) Fishing vessel
3.	GM 3.02	Plan approval	KM ⚙ Ice2 (hull, machinery) AUT1 Fishing Vessel
4.	TP446	Plan approval	KM ⚙ Ice1 (hull; machinery) AUT3 OMBO Fishing vessel
5.	T40B	Plan approval	KM ⚙ Ice3 (hull, machinery) AUT3 Fishing vessel
6.	CCa5712LS	Plan approval	KM ⚙ Ice2 (hull; machinery) AUT3 (REF) Fishing Vessel
7.	CCa5712P	Plan approval	KM ⚙ Ice2 (hull; machinery) AUT3 (REF) Fishing Vessel
8.	CPTM4470	Plan approval	KM * Ice2 AUT2 OMBO (REF) Fishing vessel
9.	1701	Plan approval	KM ⚙ Ice2 AUT1 REF Fishing vessel
10.	03095	Plan approval	KM ⚙ Ice3 AUT1 REF Fishing vessel
11.	MT1112XL	Plan approval	KM ⚙ Ice3 AUT1-ICS OMBO REF Fishing vessel
12.	ST-191L	Plan approval	KM ⚙ Ice3 AUT2 REF BWM(T) Fishing vessel
13.	ST-119PFC	Plan approval	KM ⚙ Ice3 (hull; machinery) AUT1 Fishing vessel
14.	5670	Plan approval	KM ⚙ Ice3 [1] AUT2 REF Fishing vessel
15.	17050	Plan approval	KM ⚙ Ice3 (Hull; Machinery) AUT1-ICS EPP ECO DYNPOS-1 Fishing vessel
16.	200101	Plan approval	KM ⚙ Ice3(hull) Ice2(machinery) AUT1 Fishing vessel

At present, 16 designs of fishing vessels are under consideration in RS



Typical scheme of interaction with RS





RUSSIAN MARITIME REGISTER OF SHIPPING
KNOWLEDGE MATTERS

Module "Ship project"

Drawing 42.42-42 x

List of ship projects > Project Tect 30.07.2021 > Drawing 42.42-42

Details Revisions Correspondence

Revisions:

Order N°	Attachments	Income Doc	Create datetime	Revision #	Final Doc	Result Of Review
1		# 115214 at 03.09.2021	03/09/2021 23:13	1	# 312-25-5670-115200 at 30.07.2021	AgR

Comments:

Number	Iteration	Files	Text Comment	Insert Comment By	Outcome Final Doc	Income Doc	Status Comment
01 (1)							
	A				# 312-25-5670-115200		Open

Project Tect 30.07.2021 x

List of ship projects > Project Tect 30.07.2021

Details Drawings Correspondence

Filter

Search Add search condition

25 rows

Revision	Number	Name	Income Doc	Outcome Doc	Last Final Doc	Drawing Status	Result Of Review
	1	чep-1	# 115197 at 30.07.2021			In progress	
	10					In progress	
	11	11	# 115199 at 30.07.2021			In progress	
	12					In progress	
	2	чep-2	# 115197 at 30.07.2021			In progress	
	20					In progress	
	21			# 110-322-7.1-115219 at 04.05	# 110-322-7.1-115219 at 04.09.20	Got an answer	A
	22					In progress	
	23					In progress	
	3	чep-3	# 115197 at 30.07.2021	# 312-25-5670-115201 at 30.07.2021	# 312-25-5670-115201 at 30.07.2021	In progress	
	30					In progress	
	31					In progress	
	32			# 143-343-0222-115211 at 02	# 143-343-0222-115211 at 02.09	Got an answer	A
	4	чep-4	# 115198 at 30.07.2021			In progress	

Revisions Correspondence

Document kind	Outgoing No	Reg No	Reg Date	Attachments
Income	BH	115197	30/07/2021	
Outcome	312-25-5670-115200	312-25-5670-115200	30/07/2021	
Outcome	312-25-5670-115201	312-25-5670-115201	30/07/2021	
Income	BH	115203	30/07/2021	



Requirements for ships operated in the EU

Council Directive 97/70/EC setting up a harmonized safety regime for fishing vessels of 24 metres in length and over

Regulation (EU) No. 1257/2013 of the European Parliament and the Council of 20 November 2013 on Ship recycling and amending Regulation (EC) No. 1013/2006 and Directive 2009/16/EC



Requirements for ships operated in the EU

Council Directive 97/70/EC setting up a harmonized safety regime for fishing vessels of 24 metres in length and over

- Purpose – lay down safety standards for seagoing fishing vessels of 24 metres in length and over;
- Application:
 - All new vessels, building contract was signed after 01.01.1999 or keel is was laid after 01.01.1999;
 - Flying the flag of a EU member state;
 - Operating in the internal waters or territorial sea of a EU member state;
 - Landing their catch in the port of a EU member state.





Requirements for ships operated in the EU

Council Directive 97/70/EC setting up a harmonized safety regime for fishing vessels of 24 metres in length and over

- Ships flying a flag other than that of a EU member state should comply with the standards of the Council Directive 97/70 / EC;
- Confirmed by the issuance of a certificate of compliance by RS on behalf of MA.





Requirements for ships operated in the EU

Council Directive 97/70/EC setting up a harmonized safety regime for fishing vessels of 24 metres in length and over

- Requirements more stringent than those stipulated by the RS Rules:
 - Requirements for collision bulkheads;
 - Operating conditions for purse seiners;
 - Ice accretion for vessels operating in the Gulf of Bothnia of the Baltic Sea;
 - Structural fire protection – draught stops.





Cape town agreement

Requirements for ships operated in the EU

(21) Collision bulkhead is a watertight bulkhead up to the working deck in the forepart of the vessel which meets the following conditions:

(a) The bulkhead shall be located at a distance from the forward perpendicular:

(i) not less than $0.05L$ and not more than $0.08L$ for vessels of 45 m in length and over;

(ii) not less than $0.05L$ and not more than $0.05L$ plus 1.35 m for vessels of less than 45 m in length, except as may be allowed by the Administration;

(iii) in no case, less than 2 m.



Council Directive 97/70/EC setting up a harmonized safety regime for fishing vessels of 24 metres in length and over

Requirements for ships operated in the EU

In addition to the specific operating conditions given in Regulation III/7(1) the following operating conditions shall also be considered:

(f) for purse seiners: departure from the fishing grounds with the fishing gear, no catch and 30 % stores, fuel, etc., including allowance for ice accretion in accordance with the provisions of Regulation III/8.



Requirements for ships operated in the EU

Council Directive 97/70/EC setting up a harmonized safety regime for fishing vessels of 24 metres in length and over

The specific requirements of Regulation III/8 and the specific guidance given in Recommendation 2 by the Torremolinos conference shall be applied within the region concerned, i.e. also outside the boundaries shown in the chart accompanying the said Recommendation.

Notwithstanding the provisions of Regulation III/8(1)(a) and (b) the following icing allowance shall be made in the stability calculations for vessels operating in the area north of latitude 63° N, between longitude 28° W and longitude 11° W:

- (a) 40 kilograms per square metre on exposed weather decks and gangways;
- (b) 10 kilograms per square metre for projected lateral area of each side of the vessel above the water plane.



Requirements for ships operated in the EU

Cape town agreement

FIRE SAFETY MEASURES IN VESSELS OF 45 METRES IN LENGTH AND OVER BUT LESS THAN 60 METRES

(9) Air spaces enclosed behind ceilings, panellings or linings in accommodation spaces, service spaces and control stations shall be divided by close-fitting draught stops spaced not more than 7 m apart.



Requirements for ships operated in the EU

RECORD OF EQUIPMENT

2.5.3-1

for the certificate of compliance

This record shall be permanently attached to the certificate of compliance

Record of Equipment for compliance with Council Directive 97/70/EC setting up a harmonised safety regime for Fishing Vessels with a length of 24 metres and over

1. Particulars of the Vessel

Name of ship	Distinctive number or letters	Port of registry	Length ⁽¹⁾ , m

2. Details of Life-Saving Appliances:

	Port Side	Starboard Side
1. Total number of persons for whom life-saving appliances are provided		
2. Total number of lifeboats		
2.1 Total number of persons accommodated by them		
2.2 Number of partially enclosed lifeboats (Regulation VII/18)		
2.3 Number of totally enclosed lifeboats (Regulation VII/19)		
3. Number of rescue boats		
3.1 Number of boats which are included in the total number of lifeboats shown above		
4. Liferafts		
4.1 Those for which approved launching appliances are required		
4.1.1 Number of liferafts		
4.1.2 Number of persons accommodated by them		
4.2 Those for which approved launching appliances are not required		
4.2.1 Number of liferafts		
4.2.2 Number of persons accommodated by them		
5. Number of lifebuoys		
6. Number of lifejackets		
7. Immersion suits		
7.1 Total number		
7.2 Number of immersion suits complying with the requirements for lifejackets		
8. Number of thermal protective aids ⁽²⁾		
9. Radio installations used in life-saving appliances		
9.1 Number of radar transponders		
9.2 Number of two-way VHF radiotelephone apparatus		

⁽¹⁾ Length as defined in Article 2(6).

⁽²⁾ Excluding those required by Regulation V/17 (b) (xv) and V/20 (b) (a) (xv).

2.5.1-1

CERTIFICATE OF COMPLIANCE

for fishing vessel

This Certificate shall be supplemented by a Record of Equipment

Issued under the provisions of the

(Name of the relevant measure(s) introduced by the Member State)

and confirming compliance of the vessel named hereafter with the provisions of Council Directive 97/70/EC setting up a harmonised safety regime for Fishing Vessels of 24 metres in length and over, under the authority of the Government of
by Russian Maritime Register of Shipping
(Full official designation of the Member State)

Name of the ship	Distinctive number or letters	Port of registry	Length **, m

Date of building or major conversion contract ***: _____

Date on which the keel was laid or ship was at a similar stage of construction***: _____

Date of delivery or completion of major conversion ***: _____

^(*) Delete as appropriate in accordance with the definitions of Article 2(2) and (3).

** Length as defined in Article 2(6).

*** In accordance with the definitions of Article 2(2).



Requirements for ships operated in the EU

Regulation (EU) No. 1257/2013 of the European Parliament and the Council of 20 November 2013 on Ship recycling and amending Regulation (EC) No. 1013/2006 and Directive 2009/16/EC

- Purpose – early ratification of the Hong Kong International Convention for the safe and environmentally sound recycling of ships ("Hong Kong Convention") in the European Union and third countries;
- Application:
 - Starting from 31 December 2020, all vessel flying the flag other than that of a EU member state shall have on board Inventory of Hazardous Materials.



Requirements for ships operated in the EU

Regulation (EU) No. 1257/2013 of the European Parliament and the Council of 20 November 2013 on Ship recycling and amending Regulation (EC) No. 1013/2006 and Directive 2009/16/EC

For ships flying the flag of third countries entering ports or calling anchorage of a EU Member State, the Inventory of Hazardous Materials should identify at least the hazardous materials listed in Annex I to the Regulation

ANNEX I

CONTROL OF HAZARDOUS MATERIALS

Hazardous Material	Definitions	Control measures
Asbestos	Materials containing asbestos	For all ships, new installation of materials which contain asbestos shall be prohibited.
Ozone-depleting substances	Controlled substances defined in Article 1(4) of the Montreal Protocol on Substances that Deplete the Ozone Layer, 1987, listed in Annexes A,B,C or E to that Protocol in force at the time of application or interpretation of this Annex. Ozone-depleting substances that may be found on board ships include, but are not limited to: Halon 1211 Bromochlorodifluoromethane Halon 1301 Bromotrifluoromethane Halon 2402 1,2-Dibromo-1,1,2,2-tetrafluoroethane (also known as Halon 114B2) CFC-11 Trichlorofluoromethane CFC-12 Dichlorodifluoromethane CFC-113 1,1,2-Trichloro-1,2,2-trifluoroethane CFC-114 1,2-Dichloro-1,1,2,2-tetrafluoroethane CFC-115 Chloropentafluoroethane HCFC-22 Chlorodifluoromethane	New installations which contain ozone-depleting substances shall be prohibited on all ships.
Polychlorinated biphenyls (PCB)	'Polychlorinated biphenyls' means aromatic compounds formed in such a manner that the hydrogen atoms on the biphenyl molecule (two benzene rings bonded together by a single carbon-carbon bond) may be replaced by up to ten chlorine atoms	For all ships, new installation of materials which contain Polychlorinated biphenyls shall be prohibited.
Perfluorooctane sulfonic acid (PFOS) (*)	'perfluorooctane sulfonic acid' (PFOS) means perfluorooctane sulfonic acid and its derivatives	New installations which contain perfluorooctane sulfonic acid (PFOS) and its derivatives shall be prohibited in accordance with Regulation (EC) No 850/2004 of the European Parliament and of the Council (*).
Anti-fouling compounds and systems	Anti-fouling compounds and systems regulated under Annex 1 to the International Convention on the Control of Harmful Anti-fouling Systems on Ships, 2001 (AFS Convention) in force at the time of application or interpretation of this Annex.	1. No ship may apply anti-fouling systems containing organotin compounds as a biocide or any other anti-fouling system whose application or use is prohibited by the AFS Convention.



Requirements for ships operated in the EU

Regulation (EU) No. 1257/2013 of the European Parliament and the Council of 20 November 2013 on Ship recycling and amending Regulation (EC) No. 1013/2006 and Directive 2009/16/EC

Inventory of Hazardous Materials should be developed in accordance with Article 5 of the Regulation and IMO Resolution MEPC.269 (68).

MEPC 68/21/Add.1
Annex 17, page 16

APPENDIX 2

STANDARD FORMAT OF THE INVENTORY OF HAZARDOUS MATERIALS¹⁵

Part I

Hazardous materials contained in the ship's structure and equipment

I-1 – Paints and coating systems containing materials listed in table A and table B of appendix 1 of these guidelines

No.	Application of paint	Name of paint	Location	Materials (classification in appendix 1)	Approximate quantity	Remarks
1	Anti-drumming compound	Primer, xx Co., xx primer #300	Hull part	Lead	35.00 kg	
2	Anti-fouling	xx Co., xx coat #100	Underwater parts	TBT	120.00 kg	



Requirements for ships operated in the EU

Regulation (EU) No. 1257/2013 of the European Parliament and the Council of 20 November 2013 on Ship recycling and amending Regulation (EC) No. 1013/2006 and Directive 2009/16/EC

Compliance with the Regulation is confirmed by a statement of compliance issued on behalf of MA

2.4.33EC-ST

ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ STATEMENT OF COMPLIANCE

(Примечание: Настоящая декларация дополняется частью I Перечня опасных материалов)
(Note: This statement shall be supplemented by Part I of the Inventory of Hazardous Materials)

Выдана на основании положений Регламента (ЕС) № 1257/2013
Issued under the provisions of the Regulation (EU) No. 1257/2013

по уполномочию Правительства: _____
Российским морским регистром судоходства. (Название государства)
under the authority of the Government of: _____
by Russian Maritime Register of Shipping. (Name of State)

СВЕДЕНИЯ О СУДНЕ: PARTICULARS OF THE SHIP:

Название судна Name of ship	Отличительный номер или позывной сигнал Distinctive number or letters	Порт регистрации Port of registry	Валовая вместимость Gross tonnage	Номер ИМО IMO number

Название и адрес собственника судна
Name and address of shipowner _____

Идентификационный номер ИМО зарегистрированного собственника
IMO registered owner identification number _____

Идентификационный номер ИМО компании
IMO company identification number _____

Дата постройки
Date of Construction _____

Сведения о части I Перечня опасных материалов Particulars of Part I of the Inventory of Hazardous Materials

Идентификационный/проверочный номер части I Перечня опасных материалов:
Part I of the Inventory of Hazardous Materials identification/verification number: _____

Примечание: Note:

В соответствии со Статьей 9(1) Регламента (ЕС) № 1257/2013 Часть I Перечня опасных материалов приложена к настоящей декларации. Часть I Перечня опасных материалов должна составляться на основе стандартного формата, приведенного в руководстве, разработанном Международной морской организацией, дополненного, где это приемлемо, руководящими по особенностям применением Регламента (ЕС) № 1257/2013, такими, как вещества, перечисленные в указанном Регламента, а не в Гонконгской конвенции.
In accordance with Article 9(1) of Regulation (EU) No. 1257/2013, Part I of the Inventory of Hazardous Materials is annexed to this statement. Part I of the Inventory of Hazardous Materials should be compiled on the basis of the standard format shown in the guidelines developed by the International Maritime Organization, supplemented, where applicable, by guidelines on aspects specific to Regulation (EU) No. 1257/2013, such as substances listed in that Regulation but not in the Hong Kong Convention.



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KNOWLEDGE MATTERS

Thank you for your attention!

Dobrzhinsky Kazimir

FAI “Russian Maritime Register of Shipping”