



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 340-02-1315c

dated 23.01.2020

Re:

amendments to the Guidelines on technical supervision of ships in service and Annexes herewith, 2020, ND No. 2-030101-009-E

Item(s) of supervision:

ships and offshore installations in service

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Parts I "General Provisions", II "Carrying out Classification Surveys of Ships", III "Survey of ships in compliance with international conventions, codes, resolutions and Rules for the equipment of the Sea-Going Ships" and Annexes 1 – 3, 25 and 39

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the Guidelines on technical supervision of ships in service and Annexes to the Guidelines hereto shall be amended as specified in the Appendices to the Circular Letter in connection with withdrawal of the Continuous Survey List (Form 3.1.6), specification of responsibilities of Branch Offices responsible for review and making decisions on some issues as well as considering the provisions of IMO circular MSC.1/Circ.1395/Rev.4, IMO resolution MSC.462(101) as to dangerous goods and IMO resolution A.1119(30) as to the list of major deficiencies.

It is necessary to do the following:

1. Familiarize the RS surveyors and interested organizations in the area of the RS Branch Offices' activity with the content of the Circular Letter.
2. Apply provisions of the Circular Letter during surveys of ships and offshore installations in service.

List of the amended and/or introduced paras/chapters/sections:

Part I: 3.1.6, 3.1.10, 5 and 5.1

Part II: 2.4.2.11, 2.4.2.8, 2.4.2.13, 3.3.2, 3.3.3.6, 4.6.6, 4.9.9, appendix 4.9.9, 5.2.2.3 and 5.3.3.10

Part III: 2.1.12.1.5, 2.1.12.1.5.2, 2.1.12.1.5.3, 2.1.12.1.6, 2.1.13.5.4, 4.2.3.4.1.1.10, 4.2.3.4.1.1, 4.2.3.4.1.2, 4.2.3.4.1.8.4, 4.2.4.5.1, 4.3.2.3, 4.3.2.7, 4.3.2.8, 4.3.2.9 and 4.3.2.10

Annex 1: Para 3.3.2

Annex 2: Paras 1.3, 1.10, 3.2, 4.2, 4.4, 8.1 and 10.1

Annex 3: Paras 2.1, 2.3 and 3.1.10

Annex 25: Paras 1.2.2 and 2.1.21, Table 1 of Appendix 1 and Appendix 2

Annex 39: Paras 1.3 and 2.1

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**Information on amendments introduced by the Circular Letter
(for inclusion in the Revision History to the RS Publication)**

No.	Amended paras/chapters/sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
1	Part I, para 3.1.6	Branch Offices responsible for review of issues and making decision have been specified	340-02-1315c of 23.01.2020	23.01.2020
2	Part I, para 3.1.10	Composition of Branch Offices that can appeal surveyor's decision have been amended	340-02-1315c of 23.01.2020	23.01.2020
3	Part II, para 2.4.2.11	Procedure for analysis and notification of RHO regarding revealed fractures/cracks has been specified	340-02-1315c of 23.01.2020	23.01.2020
4	Part II, para 2.4.2.13	Procedure for analysis and notification of RHO regarding slamming has been specified	340-02-1315c of 23.01.2020	23.01.2020
5	Part II, para 2.4.2.8	Reference to Annex 2 of the Rules for the Classification Surveys of Ships in Service has been updated	340-02-1315c of 23.01.2020	23.01.2020
6	Part II, para 3.3.2	Branch Offices responsible for reviewing issues and making decision have been specified	340-02-1315c of 23.01.2020	23.01.2020
7	Part II, para 3.3.3.6	Branch Offices responsible for reviewing issues and making decision have been specified	340-02-1315c of 23.01.2020	23.01.2020
8	Part II, para 4.6.6	Branch Offices responsible for reviewing issues and making decision have been specified	340-02-1315c of 23.01.2020	23.01.2020
9	Part II, para 4.9.9	Procedure for notification of the RF MA with regard to issuance of the documents on a ship flying the RF flag has been amended. Appendix 4.9.9 has been deleted	340-02-1315c of 23.01.2020	23.01.2020

No.	Amended paras/chapters/sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
10	Part II, para 5.2.2.3	Conditions for preparation of the RHO authorization have been supplemented	340-02-1315c of 23.01.2020	23.01.2020
11	Part II, para 5.3.3.10	Conditions for preparation of the RHO authorization have been supplemented	340-02-1315c of 23.01.2020	23.01.2020
12	Part III, para 2.1.12.1.5	References to IMO Circular MSC.1/Circ.1395/Rev.2 have been replaced by the reference to IMO Circular MSC.1/Circ.1395/Rev.4	340-02-1315c of 23.01.2020	23.01.2020
13	Part III, para 2.1.12.1.6	Reference to IMO Circular MSC.1/Circ.1395/Rev.2 has been replaced by the reference to IMO Circular MSC.1/Circ.1395/Rev.4	340-02-1315c of 23.01.2020	23.01.2020
14	Part III, para 2.1.13.5.4	Para has been amended in connection with withdrawal of Continuous Survey List (Form 3.1.6)	340-02-1315c of 23.01.2020	23.01.2020
15	Part III, para 4.1.3.2.8.8.1	Note 1 and the text hereto have been deleted	340-02-1315c of 23.01.2020	23.01.2020
16	Part III, para 4.1.3.2.8.9	Note 1 and the text hereto have been deleted	340-02-1315c of 23.01.2020	23.01.2020
17	Part III, para 4.2.3.4.1.1.10	The references to regulations of SOLAS-74 as amended have been specified	340-02-1315c of 23.01.2020	23.01.2020
18	Part III, para 4.2.3.4.1.1	New paras 4.2.3.4.1.1.1.14 and 4.2.3.4.1.1.1.15 have been introduced, concerning enhanced survey programme and voyage data recorder, accordingly	340-02-1315c of 23.01.2020	23.01.2020
19	Part III, para 4.2.3.4.1.2	Para has been supplemented by new requirement .5 concerning cargo tanks pressure alarms	340-02-1315c of 23.01.2020	23.01.2020
20	Part III, para 4.2.3.4.1.8.4	New instructions on sulphur content of any fuel used on board exceeding 0,1 % by mass have been introduced	340-02-1315c of 23.01.2020	23.01.2020
21	Part III, para 4.2.4.5.1	Procedure for forwarding to RHO of the reports on	340-02-1315c of 23.01.2020	23.01.2020

No.	Amended paras/chapters/sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
		deficiencies possibly affecting the implementation of the ISM Code on board considering IACS PR17 has been specified		
22	Part III, para 4.3.2.3	Branch Offices responsible for reviewing issues and making decision have been specified	340-02-1315c of 23.01.2020	23.01.2020
23	Part III, para 4.3.2.7	Branch Offices responsible for reviewing issues and making decision have been specified	340-02-1315c of 23.01.2020	23.01.2020
24	Part III, para 4.3.2.8	Procedure for notification of the applicant on the RF MA decision has been specified	340-02-1315c of 23.01.2020	23.01.2020
25	Part III, paras 4.3.2.9 and 4.3.2.10	Paras 4.3.2.9 and 4.3.2.10 have been deleted	340-02-1315c of 23.01.2020	23.01.2020
26	Annex 1, para 3.3.2	The numbers of the Annexes to the Rules in the references have been amended	340-02-1315c of 23.01.2020	23.01.2020
27	Annex 2, para 1.3	Para has been amended in connection with withdrawal of Continuous Survey List (Form 3.1.6)	340-02-1315c of 23.01.2020	23.01.2020
28	Annex 2, para 1.10	Para has been amended in connection with withdrawal of Continuous Survey List (Form 3.1.6)	340-02-1315c of 23.01.2020	23.01.2020
29	Annex 2, para 3.2	Para has been amended in connection with withdrawal of Continuous Survey List (Form 3.1.6)	340-02-1315c of 23.01.2020	23.01.2020
30	Annex 2, para 4.2	Para has been amended in connection with withdrawal of Continuous Survey List (Form 3.1.6)	340-02-1315c of 23.01.2020	23.01.2020
31	Annex 2, para 4.4	Para has been amended in connection with withdrawal of Continuous Survey List (Form 3.1.6)	340-02-1315c of 23.01.2020	23.01.2020
32	Annex 2, para 8.1	Para has been amended in connection with withdrawal of Continuous Survey List (Form 3.1.6)	340-02-1315c of 23.01.2020	23.01.2020
33	Annex 2, para 10.1	Para has been amended in connection with withdrawal of Continuous Survey List (Form 3.1.6)	340-02-1315c of 23.01.2020	23.01.2020

No.	Amended paras/chapters/sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
34	Annex 3, paras 2.1	Requirements for the Branch Offices which agree the schedules have been specified	340-02-1315c of 23.01.2020	23.01.2020
35	Annex 25, para 1.2.2	Definitions of the abbreviations IMSBC Code, INF Code and IMDG Code have been amended in compliance with the accepted abbreviations in the Guidelines on Technical Supervision of Ships in Service	340-02-1315c of 23.01.2020	23.01.2020
36	Annex 25, para 2.1.21	Requirements for dangerous goods, during transportation of which it is necessary to check stability additionally have been specified	340-02-1315c of 23.01.2020	23.01.2020
37	Annex 25, Appendix 1, Table 1	Table 1 is amended in compliance with the IMO Circular MSC.1/Circ.1395/Rev.4	340-02-1315c of 23.01.2020	23.01.2020
38	Annex 39, para 1.3	Requirement for the date of forwarding to the Register of the Plan of examination of an object using remote inspection techniques is deleted	340-02-1315c of 23.01.2020	23.01.2020
39	Annex 39, para 2.1	Terms have been specified considering IACS PR1A	340-02-1315c of 23.01.2020	23.01.2020

GUIDELINES ON TECHNICAL SUPERVISION OF SHIPS IN SERVICE

ND No. 2-030-101-009-E

PART I. GENERAL PROVISIONS

1 **Para 3.1.6** is replaced by the following text:

"3.1.6 Extension of the terms of surveys of ships may be granted by RS at shipowner's request only in exclusive cases and upon agreement with the Register Head Office (RHO) – for ships with a gross tonnage above 100;

with the RS Branch Office, which will perform a relevant survey of the ship, or in case of absence of a request for survey of the ship — the RS Branch Office, which is located in the area of permanent operation of the ship — for ships with the gross tonnage 100 and below. The terms of survey of the ship with the suspended class may not be extended until the reinstatement of the ship class."

2 **Para 3.1.10** is replaced by the following text:

"3.1.10 Where the ship's officers, shipowner or shipyard do not agree with the decision of the Surveyor who carried out the survey, this decision may be appealed at the relevant RS Branch Office. The decisions of the Branch Office may be appealed at RHO, whose decision shall be final."

5 REQUIREMENTS TO MEASURING EQUIPMENT USED IN SURVEYS OF SHIPS

3 Heading of **Section 5** is replaced by the following text:

"5 REQUIREMENTS FOR MEASURING EQUIPMENT"

4 **Para 5.1** is replaced by the following text:

"5.1 Instruments and gauges¹, which are considering by the RS surveyors during surveys, measurements and tests for the purpose to determine compliance of the ship with the requirements of the Rules, International conventions and national regulations, shall be individually identified, verified/calibrated to a recognized national or international standard, manufacturer's instructions the MA requirements.

¹Hereinafter referred to as "measuring equipment."

PART II. CARRYING OUT CLASSIFICATION SURVEYS OF SHIPS

5 **Para 2.4.2.11** is replaced by the following text:

"2.4.2.11 Cracks in stressed members may be due to metal brittleness, and therefore when the cracks are detected, of which the cause cannot be explained by the action of external excessive loads or by imperfect design, the chemical analysis of the damaged member metal shall be carried out and its mechanical properties shall be determined. The Branch Office identified such defects shall submit such information on all cases of such damages as appropriate to RHO."

6 **Para 2.4.2.13** is replaced by the following text:

"**2.4.2.13** The sides and bottom forward may be damaged by wave impacts due to slamming at an inadequate forward draught and an excessive speed in the seas. Where such damages are identified, the forward draught and bottom strengthenings forward shall be verified for compliance with the Rules requirements. In certain cases, hull strengthening may be necessary. All the cases of the damages caused by slamming shall be reported as appropriate by the Branch Office to RHO."

7 **Para 2.4.2.8** is replaced by the following text:

"**2.4.2.8** The technical condition of hull structures having wear, deformations and cracks is assessed in compliance with Annex 2 "Instructions for Determination of the Technical Condition and Repair of the Hulls of Sea-Going Ships" to the Rules."

8 **Para 3.3.2** is replaced by the following text:

"**3.3.2** When taking a decision on performance of temporary repair, the Surveyor to the Register shall be guided by the relevant provisions of the Rules and the Guidelines."

9 **Para 3.3.3.6** is replaced by the following text:

".6where agreed with RHO, at any types of intended repair for primary hull structures (e.g. primary longitudinal and transverse members and their fixing), these shall be submitted to the Register for assessment (for instance to the RS Branch Office nearest to the location of a ship or in the absence thereof — to RHO) prior to the commencement of repair during the voyage;"

10 **Para 4.6.6** is replaced by the following text:

"**4.6.6** The head of the RS Branch Office carrying out the ship survey shall be responsible for complete and proper meeting of the set conditions for class reinstatement."

11 **Para 4.9.9** is replaced by the following text:

"**4.9.9** To meet the requirements of the Agreement between RS and the RF MA, the RS Branch Office for in-service supervision shall post the documents issued on a ship flying the flag of the Russian Federation on the RS server. The RS Branch Office for in-service supervision shall insure that all posted documents, including any reports, are opened properly from the Personal Account access to which is provided to the RF MA."

12 **Appendix 4.9.9** is deleted.

13 **Para 5.2.2.3** is replaced by the following text:

"**5.2.2.3** Within two working days from the receipt of the shipowner's written Authorization for Release of Ship's Survey Status and Information (Form 7.1.24), RHO shall advise the losing Society of the specified transfer of class using Form G of Annex 21 with Part A completed and with the shipowner's authorisation (Form 7.1.24) enclosed.

If the Classification Survey Status was not received from the losing Society within three working days since the day of the RHO Transfer of Class Department's request made, use may be made of the information on the losing Society's Survey Status provided by the shipowner, and after meeting the remaining applicable requirements of this Section, a Classification Certificate may be issued. In similar cases, a memorandum for the shipowner shall be enclosed with the Classification Certificate to the effect that the conditions in 5.2.2.1 are still effective.

RHO shall send a request for additional instructions to the Flag State MA concurrently together with an authorization for carrying out a survey to the RS Branch Office. The RHO authorization shall at least contain conditions of class transfer, scope of survey for the class in compliance with 5.2 or 5.3, as applicable, and other information on the RHO decision.

During preparation of the RHO authorization all known negative factors related to ship's history (refer to 5.1.3.3) as well as conditions of class, imposed by the losing society (refer to 5.2.2.1.4), if any, shall be taken into account.

When received, the additional instructions of the Flag State MA shall be promptly forwarded to the RS Branch Office."

14 **Para 5.3.3.10** is replaced by the following text:

"**5.3.3.10** The initial survey of the ship for the RS class assignment shall be arranged by RHO on receipt of the copy of the letter of conclusion on review of technical documentation. The initial survey shall be carried out by the RS Branch Office only upon authorization of RHO.

During preparation of the RHO authorization all known negative factors related to ship's history (refer to 5.1.3.3) as well as conditions of class, imposed by ACS (refer to 5.3.3.12), if any, shall be taken into account.

The RS Branch Office authorized to carry out the initial survey shall conclude the Agreement on initial survey and classification of ship (Form 430.1.8-3) with the shipowner."

PART III. SURVEY OF SHIPS IN COMPLIANCE WITH INTERNATIONAL CONVENTIONS, CODES, RESOLUTIONS AND RULES FOR THE EQUIPMENT OF SEA-GOING SHIPS

15 **Paras 2.1.12.1.5, 2.1.12.1.5.2, 2.1.12.1.5.3 and 2.1.12.1.6.** Reference to IMO Circular MSC.1/Circ.1395/Rev.2 is replaced by the reference to IMO Circular MSC.1/Circ.1395/Rev.4.

16 **Para 2.1.13.5.4** is replaced by the following text:

".4 as an alternative to a renewal or intermediate survey, the Administration may, at the owner's request, approve a continuous survey system provided that the extent and frequency of the surveys are equivalent to renewal or intermediate surveys; The copy of a Continuous Survey List of such continuous survey, together with the records of the surveys, shall be kept on board the MODU and the certificate annotated accordingly;"

17 **Paras 4.1.3.2.8.8.1 and 4.1.3.2.8.9.** Reference to Note 1 and the text thereto are deleted.

18 **Para 4.2.3.4.1.1.10** is replaced by the following text:

".1.10 absence or failure of the proper operation of navigation equipment, taking into account the relevant provisions regulation V/16.2 of SOLAS-74/78, as amended;"

19 **Paras 4.2.3.4.1.1.1.14 and 4.2.3.4.1.1.1.15** reading as follows are introduced after **Para 4.2.3.4.1.1:**

".1.14 non-implementation or failure to carry out the enhanced survey programme in accordance with regulation XI-1/2 of SOLAS-74 and the ESP Code as amended;

.1.15 absence or failure of a voyage data recorder (VDR), when its use is compulsory."

20 **Para 4.2.3.4.1.2** is supplemented by requirement **.2.5** reading as follows:

".2.5 pressure alarms for cargo tanks not operable;"

21 **Para 4.2.3.4.1.8.4** is replaced by the following text:

".8.4 non-compliance with the relevant requirements while operating within an Emission Control Area for SO_x. The sulphur content of any fuel used on board exceeds 0,1 % m/m on and after 1 January 2015 while operating within a SO_x emission control area, and respectively, as per the provisions of regulation 14 Annex VI to MARPOL 73/78."

"**4.2.4.5.1** Notification on drawing up of the Report on deficiencies possibly affecting the implementation of the ISM Code on board (according to IACS PR17) (Form 6.3.65), is forwarded automatically to RHO for analysis of issued deficiencies and making decision on necessary measures in case of availability of such a form in the set of documents attached to the request in the THESIS system."

23 **Para 4.3.2.3** is replaced by the following text:

"**4.3.2.3** Within three working days from receipt of the copy of the request, RHO shall send a request to the RS Branch Office carrying out survey of a ship regarding the conditions of initial granting an exemption (waiver) to ship. Where necessary, such a request may be sent also to the relevant RHO Departments."

24 **Para 4.3.2.7** is replaced by the following text:

"**4.3.2.7** Having received a decision of the Federal Marine and River Transport Agency, RHO within three working days from its receipt shall inform the RS Branch Office carrying out survey of a ship/ responsible for in-service supervision."

25 **Para 4.3.2.8** is replaced by the following text:

"**4.3.2.8** The RS Branch Office, carrying out the survey of a ship, shall inform the applicant on the decision of the Federal Marine and River Transport Agency within one working day after receipt thereof from RHO and, if the decision is satisfactory, on necessity to submit the ship for the occasional survey in order to document the decision of the Federal Marine and River Transport Agency."

26 **Paras 4.3.2.9 and 4.3.2.10** are deleted. **Para 4.3.2.11** is renumbered **4.3.2.9**.

ANNEXES TO THE GUIDELINES ON TECHNICAL SUPERVISION OF SHIPS IN SERVICE

ANNEX 1

1 PROCEDURE FOR IN-WATER SURVEY OF SHIPS AND OFFSHORE INSTALLATIONS

27 **Para 3.3.2** is replaced by the following text:

"**3.3.2** Underwater thickness measurements of ship's shell plating and hull items, rudder plating etc. shall be carried out by the special-purpose instruments for underwater operation. Instruments for underwater thickness measurement shall at least enable: metal thickness measurement without preliminary preparation of the surface and removal of protective coating; option to use the equipment together with the data display and storage unit onboard the ship such as digital repeater or personal computer with software. The thickness gauge data shall be transmitted to the ship through connecting cable and displayed on a digital repeater or a personal computer to facilitate monitoring of thickness measurements by the RS surveyor. The location and number of residual thickness measurements shall be selected in accordance with Annex 2 to the Rules. The results of thickness measurements shall be recorded in the report prepared in accordance with Annex 2 to the Rules. It is allowed to submit to the RS surveyor the results of measurements recorded in the report on ship's underwater part examination (refer to para 9.1.8.4, Part II "Carrying out Classification Surveys of the Ships" of the Guideline) before submitting a final thickness measurements report."

INSTRUCTIONS FOR CONTINUOUS SURVEY OF SHIPS

28 **Paras 1.3 and 1.10, the first paragraph of Para 3.2 and Paras 4.2, 4.4, 8.1 and 10.1** are replaced by the following text:

"1.3 In order to implement the continuous survey system, a shipowner is to submit to the Branch Office supervising construction of the ship or carrying out an initial (special) survey suggestions for agreement with the Register and including into the Continuous Survey List, which are to contain the nomenclature of items of supervision according to the continuous survey system and the planned dates of their submission to the Register. Following approval, the Continuous Survey List is drawn up by the RS surveyor as a Section of the List of Survey Status, which may be printed and forwarded on board the ship at the request by the shipowner.

...

1.10 To remove a ship from CSS, it is necessary to submit all the items, in accordance with the Register Continuous Survey List, for survey in the scope of the special survey. In exceptional cases, in agreement with RHO, it is allowed to remove the ship from CSS and credit off the results of previous surveys of the items in accordance with the Register Continuous Survey List provided that the period between previous surveys of the items and the upcoming special survey does not exceed 5 years.

...

3.2 The intervals between sequential item surveys of the same type in accordance with the Continuous Survey List shall be assigned in compliance with the requirements of 2.4.1, Part II "Survey Schedule and Scope" of the Rules similar to the special survey: provided the survey of the item is completed within 3 months before survey scheduled date, the next survey will become due after 5 years, beginning from the previous scheduled date of the item survey:

...

4.2 The Continuous Survey List submitted by a shipowner (refer to 1.3) is compiled individually for the items of the hull (including ship's arrangements and equipment, and structural fire protection), machinery installation (including fire-fighting equipment and systems, electrical equipment, automation and inert gas plant equipment), refrigerating plant (including the insulation of refrigerated spaces) following the approval, is drawn up by the RS Branch Office performing the survey. Thus, a corresponding note shall be entered in the Classification Certificate on the application of CSS on-board.

...

4.4 When assigning the due date for submitting the items in necessary cases, terms and operating time until the prescribed revisions according to the manufacturer's data shall be taken into account. When the surveys carried out in the periods which are longer or shorter than those between the special surveys (refer to 3.5) are included in the Continuous Survey List, the limiting period between the follow-up surveys of the same type shall be specified in column 4 ("Planned term of next Survey") of the Continuous Survey List. Thus, the following appropriate explanations shall be entered to the "Additional Information" of the Classification Section in the List of Surveys Status: item No. according to the Continuous Survey List; title of the document on the basis of which the term is appointed; the maximum possible period between the same type of surveys (or maximum operating time); current operating time of the machinery (if applicable).

...

8.1 When exceptional circumstances, it is allowed to postpone the survey date of the items, according to the Continuous Survey List, for a period not exceeding 3 months, subject to a written confirmation by the chief engineer of the performance of the items planned for transfer. A Letter of Authorization from the chief engineer shall be attached to the written confirmation.

...

10.1 Control and record of item surveys according to the continuous survey system is carried out by the RS Branch Office for in-service supervision during verification of the Ship's Survey Status and records based on survey results. Remarks on performance of the continuous survey of the ship's items in the Continuous Survey List in the Ship's Survey Status shall be introduced by the RS Branch Office having performed the survey mentioned."

ANNEX 3

3 INSTRUCTIONS FOR USE OF RELIABLE READINGS OF INTEGRAL SYSTEMS AND PORTABLE EQUIPMENT FOR DIAGNOSTICS AND NON-DESTRUCTIVE TESTING IN SURVEY OF SHIP'S ITEMS OF SUPERVISION

29 **Paras 2.1, 2.3 and 3.1.10** (in Russian version only) are replaced by the following text:

"2.1 Items and the scope of surveys without dismantling as to the condition using integral systems and portable equipment for testing, as well as the dates between the surveys of items are planned by a shipowner in schedules to be approved by the Register for every ship.

...

2.3 The items of supervision of poor manufacturing quality and operation reliability (as reported by the RS Branch Office carrying out surveys, shipowner's base organizations and services) shall be submitted to the Surveyor to the Register during special surveys dismantled what is to be specified in maintenance schedules for every ship."

ANNEX 25

25 SURVEY OF SHIPS CARRYING DANGEROUS GOODS IN PACKAGED FORM AND IN BULK

30 **Para 1.2.2.** The definitions of the following abbreviations "INF Code", "IMSBC Code", and "IMDG Code" are replaced by the following text:

"INF Code is International Code for the Safe Carriage of Packaged Irradiated Nuclear Fuel, Plutonium and High-Level Radioactive Wastes on Board Ships adopted by IMO Resolution MSC.88(71) as amended by IMO resolutions MSC.118(74), MSC.135(76), MSC.178(79), MSC.241(83).

IMSBC Code is International Maritime Solid Bulk Cargoes Code as amended (refer to the Guidelines).

IMDG Code is the International Maritime Dangerous Goods Code as amended (refer to the Guidelines)."

31 **Para 2.1.21** is replaced by the following text:

"2.1.21 In ships carrying dangerous goods of classes 4.2, 5.1 and 9, such as: ammonium nitrate, UN 1438, 1942, ammonium nitrate based fertilizers, UN 2067-2071, and nitrates, UN 1446 – 1499, ferrous metal borings, shavings, turnings or cutting UN2793 in a form liable to self-heating the hatch covers of cargo spaces shall be capable of being opened in the event of fire to ensure maximum ventilation and use of large amounts of water for fire extinguishing in the cargo space; account shall be taken of possible loss the ship's stability due to cargo space

flooding. Assessment of the ship's stability for the case of cargo compartment flooding shall be made also for the carriage of aluminium smelting by-products or aluminium remelting by-products UN 3170 and direct-reduced iron (B) and (C). Stability calculations are to comply with the requirements of Part IV "Stability" of the Rules for the Classification and Construction of Sea-Going Ships."

32 **Table 1** of Appendix 1 is supplemented by the following text:

before the cargo name "FLUORSPAR (calcium fluoride)" the following cargo name is introduced:

"FLUE DUST, CONTAINING LEAD AND ZINC";

before the cargo name "PEAT MOSS" the following cargo names are introduced:

"MATTE CONTAINING COPPER AND LEAD
MONOCALCIUMPHOSPHATE (MCP)
MONOAMMONIUM PHOSPHATE (M.A.P.), MINERAL ENRICHED COATING";

before the cargo name "SAW LOGS" the following cargo name is introduced:

"SAND, MINERAL CONCENTRATE, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I) UN 2912";

cargo name "SILICOMANGANESE SULPHUR, UN 1350 " is replaced by the following cargo names:

"SILICOMANGANESE (low carbon)
SULPHUR, UN 1350 (crushed lump and coarse grained)";

after the cargo name "ZINC ASHES, UN 1435 the following cargo name is introduced:

"ZINC OXIDE ENRICHED FLUE DUST";

after the cargo name "METAL SULPHIDE CONCENTRATES» the following cargo name is introduced:

"METAL SULPHIDE CONCENTRATES, CORROSIVE UN 1759".

33 Appendix 2 "**LIST OF BULK MATERIALS POSSESSING CHEMICAL HAZARDS CATEGORIZED INTO GROUP B OR CLASSIFIED AS MHB**" is renamed reading as follows:

"LIST OF BULK MATERIALS POSSESSING CHEMICAL HAZARDS CATEGORIZED INTO GROUP B OR CLASSIFIED AS MHB (the list is non-exhaustive, for more information – refer to the IMSBC Code as amended)".

39 GUIDELINES FOR USE OF REMOTE INSPECTION TECHNIQUES FOR SURVEYS OF SHIP AND OFFSHORE INSTALLATIONS

34 **Para 1.3.** The first paragraph is replaced by the following text:

"1.3 Plan of examination of an object using remote inspection techniques shall be submitted in advance to RS (refer to 1.1) by shipowner or his authorized representative for review and acceptance of possibility to carry out such a survey prior to the commencement of the survey where such techniques will be used."

35 **Para 2.1** is replaced by the following text:

"2.1 Use of remote inspection technique may be restricted or limited where there is a record or indication of abnormal deterioration or damage to structure or to items to be inspected. The remote inspection technique may not be applicable if there are requirements for repairs.

It may also be inapplicable if conditions, affecting the class of the ship, are found during the course of the inspection.

If the remote inspection technique reveals damage or deterioration that requires attention, the RS Surveyor may require close-up survey/thickness measurements without the use of remote inspection technique to be undertaken."