

(Draft)

Amended Rules for the Classification of Steel Ships

(Part 1 Classification and Surveys)

(For External Opinion Inquiry)

Sep. 2022



- Main Amendments -

(1) Effective date : 1 July 2023 (Date of which the application for survey is submitted)

- Introducing the definition of Tank
- Introduction of Recognition Requirements for Repeat Vessels
- Clarification of Classification Survey after Construction
- Clarification of requirements for issuance of Class Maintenance Certificate
- Application is newly added in Ch 2 - It is specified to apply to self-propelled ships.
- Reflecting the revision requirements of IACS UR Z1(Rev.9 July 2022) & UR Z7(Rev.29 July 2022)
- Clarification of IWS notation requirements
- Changed the figure related to the Extended Dry-docking Interval System(EDD)
- Moved the Guidances' requirements into the Rules' requirements

(1) Effective date : 1 July 2023

(Date of which application for survey is submitted)

Present	Amendments	Reason
<p style="text-align: center;">CHAPTER 1 CLASSIFICATION</p> <p style="text-align: center;">Section 1 General</p> <p>101. Definitions (2020) The definitions of terms used in Ch 1, Ch 2 and Ch 3 are to be as specified in the following, unless otherwise specified elsewhere.</p> <p>1. ~ 23. <omitted></p> <p>24. Void space or Void means an enclosed empty space in a ship. (2021) <u><newly added></u></p> <p>102. ~ 104. <omitted></p> <p>105. Equivalence (2021) The Society may consider the acceptance of alternatives and novel features which deviate from or are not directly applicable to the Rules, provided that they are “deemed to be equivalent to the Rules to the satisfaction to the Society”.</p> <p>Note : "deemed to be equivalent to the Rules to the satisfaction to the Society" includes the following cases.</p> <p>(1) Where as recognized international standards(ISO, IEC, etc.) or national standards(KS, JIS, ASME, etc.) recognized by the Society, each cited in the Classification Technical Rules</p> <p>(2) Where approved in accordance with Guidance for Approval of Risk-based Ship Design.</p> <p>(3) Where having proven service experience deemed appropriate by the Society. For the purposes of this paragraph, proven in-service experience means having a service record of maintaining the performance without any damage for sufficient period.</p> <p>(4) <u>Where there are records of vessel approved by any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS.</u></p> <p><hereinafter, omitted></p>	<p style="text-align: center;">CHAPTER 1 CLASSIFICATION</p> <p style="text-align: center;">Section 1 General</p> <p>101. Definitions (2020) The definitions of terms used in Ch 1, Ch 2 and Ch 3 are to be as specified in the following, unless otherwise specified elsewhere.</p> <p>1. ~ 23. <same as the current Rules></p> <p>24. Void space or Void means an enclosed empty space in a ship. (2021)</p> <p><u>25. Tank is the generic term for spaces intended to carry liquid, such as, seawater, fresh water, oil, liquid cargoes, FO(Fuel Oil), DO(Diesel Oil), etc. (2023)</u></p> <p>102. ~ 104. <same as the current Rules></p> <p>105. Equivalence (2023) The Society may consider the acceptance of alternatives and novel features which deviate from or are not directly applicable to the Rules, provided that they are “deemed to be equivalent to the Rules to the satisfaction to the Society”.</p> <p>Note : "deemed to be equivalent to the Rules to the satisfaction to the Society" includes the following cases.</p> <p>(1) Where as recognized international standards(ISO, IEC, etc.) or national standards(KS, JIS, ASME, etc.) recognized by the Society, each cited in the Classification Technical Rules</p> <p>(2) Where approved in accordance with Guidance for Approval of Risk-based Ship Design.</p> <p>(3) Where having proven service experience deemed appropriate by the Society. For the purposes of this paragraph, proven in-service experience means having a service record of maintaining the performance without any damage for sufficient period.</p> <p>(4) Where there are records of vessel approved by any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS.</p> <p><hereinafter, same as the current Rules></p>	<p>– Introduced definition of Tank from CSR</p> <p>– At the request of Liquid Cargo Ship Team's Notice (HUT4000- 1625 -2022, 2nd June 2022)</p> <p>: The current KR Rules reflect PR1B, a requirement for dual class newbuilding, but the repeat vessel is out of the scope of PR1B. Therefore, it is necessary to prepare requirements for repeat vessels.</p> <p>– Requirement for Repeat Vessel, which was in the Equivalence, was deleted, and “Acceptance of design approved by other societies” was newly added to “Classification Survey during construction”.</p>

Present	Amendments	Reason
<p style="text-align: center;">Section 3 Classification Survey during Construction (2022)</p> <p>301. ~ 308. <omitted> 309. In Case of Dual Classed Vessel (2021) 1. ~ 5. <omitted> <newly added></p> <p>Reference</p> <p>1. Currently, in the case of some other classification Societies(DNV, ABS), the requirements for Repeat Vessel are included in the Classification Technical Rules.</p> <p>Ex 1) For a vessel in a series of identical vessels under construction to the class of, or of a design previously approved by another classification society, the Society may accept the design approved by that classification society. (DNV)</p> <p>Ex 2) The Committee will consider hull, equipment or machinery built to the satisfaction of the ABS Surveyors in accordance with the plans that have been approved to the Rules of another recognized classification society with verification of compliance by ABS. a record comment will be entered in the Record indicating that classification has incorporated the provisions of this Paragraph. (ABS)</p> <p>2. Procedure for Design Appraisal & Drawing Approval(QP-18, Rev. 50, 30th May 2022)</p> <p>5.3.10 In case there is a singed MOU which allows acceptance of the approval done by any Classification Society which is subject to verification of compliance with IACS QSCS, the drawings shall be reviewed in accordance with Classification Technical Rules and Statutory Requirements (if,applicable) by receiving necessary data such as the approved drawings of relevant Classification Society, calculation sheet, etc., and approved using D3 stamp in chart 1, appendix 2. In case of approval of hull structural drawings, structural safety can be confirmed by reviewing the longitudinal and local strength at midship in accordance with Classification Technical Rules.</p>	<p style="text-align: center;">Section 3 Classification Survey during Construction (2022)</p> <p>301. ~ 308. <same as the current Rules></p> <p>309. In Case of Dual Classed Vessel (2021) 1. ~ 5. <same as the current Rules></p> <p><u>310. Acceptance of design approved by other Societies (2023)</u></p> <p><u>1. For a vessel with the design as previously approved by any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS, the Society may consider the acceptance of the design approved by that Society.</u></p>	<p>- At the request of Liquid Cargo Ship Team's Notice (HUT4000- 1625 -2022, 2nd June 2022)</p> <p>: The current KR Rules reflect PR1B, a requirement for dual class newbuilding, but the repeat vessel is out of the scope of PR1B. Therefore, it is necessary to prepare requirements for repeat vessels.</p> <p>- Requirement for Repeat Vessel, which was in the Equivalence, was deleted, and "Acceptance of design approved by other societies" was newly added to "Classification Survey during construction".</p> <p>- The Procedure for Design Appraisal & Drawing Approval has been revised as a follow-up action to the EMSA Inspection.</p>

Present	Amendments	Reason
<p>Section 4 Classification Survey after Construction</p> <p>401. Classification Survey after Construction [See Guidance]</p> <p>In the Classification Survey after Construction, the actual scantlings of main parts of the ship are to be measured in addition to such examinations of the construction, materials, workmanship and actual conditions of hull, machinery, outfittings and equipment <u>as required for the Special Survey</u> corresponding to the ship's age in order to ascertain that they meet the relevant requirements in the Rules.</p> <p>(newly added)</p> <p>402. ~ 403. <omitted></p> <p>404. Tests</p> <p><u>In the Classification Survey after Construction, the hydraulic pressure tests, watertight tests, performance tests and sea trials are to be carried out in accordance with the requirements of the Rules. However, sea trials may be dispensed with provided that sufficient data on the previous tests are available and neither alteration nor repair affecting the previous data has been made since the previous trials.</u></p> <p>405. Stability experiments <omitted></p>	<p>Section 4 Classification Survey after Construction</p> <p>401. Classification Survey after Construction [See Guidance]</p> <p>1. In the Classification Survey after Construction, the actual scantlings of main parts of the ship are to be measured in addition to such examinations of the construction, materials, workmanship and actual conditions of hull, machinery, outfittings and equipment <u>"as required for the Special Survey"</u> corresponding to the ship's age in order to ascertain that they meet the relevant requirements in the Rules. (2023)</p> <p><u>Note : The term "as required for the Special Survey" means to carry out the relevant survey of Special Survey including thickness measurements, Docking Survey, Surveys of Propeller Shaft and Stern Tube Shaft, Etc., Boiler Survey of which is to be based on the age and type of the vessel.</u></p> <p><u>2. The Society may request further examinations, tests and measurements, including but not limited to material testing, non-destructive testing, hydraulic and hydrostatic tests and sea trial. However, in case of passenger ships subject to the Korean Ship Safety Act, sea trial shall be carried out as specified by the Society. (2023)</u></p> <p>402. ~ 403. <same as the current Rules></p> <p>404. Tests</p> <p><u>In the Classification Survey after Construction, the hydraulic pressure tests, watertight tests, performance tests and sea trials are to be carried out in accordance with the requirements of the Rules. However, sea trials may be dispensed with provided that sufficient data on the previous tests are available and neither alteration nor repair affecting the previous data has been made since the previous trials.</u></p> <p>404. Stability experiments <same as the current Rules></p>	<p>– At the request of the Survey Team by phone on 9th May 2022</p> <p>– The current requirements 404. "Tests" have been applied from '1987.</p> <p>: The requirement related to the sea trial of the rule is conflicted with the guidance requirements reflecting PR 1D</p> <p>– Moved from Para. 3 of 401 of the Guidance. (Reflected items in Paragraph B2.1 of PR 1D, B.2 Class Entry Surveys)</p> <p>– Moved from Para. 4 of 401 of the Guidance. (Reflected items in Section B2.2 of PR 1D, B.2 Class Entry Surveys)</p> <p>– Deleted after replacing with 401. 2 above.</p> <p>: It's a stronger requirement than PR 1D and the reinforced sea trials test requirements for passenger ships subject to the Ship Safety Act are already reflected in the Instruction of classification Survey</p> <p>– Adjusting No.</p>

Present	Amendments	Reason
<p style="text-align: center;">Section 5 Certificates and Reports</p> <p>501. ~ 509. <omitted></p> <p>510. Class Maintenance Certificate The Society will issue, <u>upon request</u>, a Class Maintenance Certificate to the Owner of a ship or the person having obtained his consent.</p> <p style="text-align: center;"><hereinafter after, omitted></p> <p>Reference 11. 1 Confirmation of the Class Maintenance Class Maintenance Certificate is issued only after the confirmation on the effective maintaining of class according to the rules is made. (Instructions for Class Register and Record Team(QI-CRR-02), Maintenance, Suspension and Withdrawal of Class)</p>	<p style="text-align: center;">Section 5 Certificates and Reports</p> <p>501. ~ 509. <same as the current Rules></p> <p>510. Class Maintenance Certificate <i>(2023)</i> The Society will issue a Class Maintenance Certificate <u>after the confirmation on the effective maintaining of class according to the rules is made when</u> the Owner of a ship or the person having obtained <u>the Owner's consent applies for it.</u></p> <p style="text-align: center;"><hereinafter after, same as the current Rules></p>	<p>– Clarification of issuance conditions for Class Maintenance Certificate : Refer to “Maintenance, Suspension and Withdrawal of Class” of Instruction for Class Register and Record Team(QI-CRR-02)</p> <p>– reflected by International Relations Team(IRT)’s comments</p>

Present	Amendments	Reason
<p style="text-align: center;">CH 2 PERIODICAL AND OTHER SURVEYS</p> <p style="text-align: center;">Section 1 General</p> <p><u>(newly added)</u></p> <p><u>101. ~ 116. (omitted)</u></p>	<p style="text-align: center;">CH 2 PERIODICAL AND OTHER SURVEYS</p> <p style="text-align: center;">Section 1 General</p> <p><u>101. Application (2023)</u> <u>Ch 2 and Ch 3 apply to all self-propelled vessels, unless otherwise specified elsewhere.</u></p> <p><u>102.</u> 101. ~ <u>117.</u> 116. <same as the current Rules></p> <p>Reference IACS <u>Z7, 1.1.1 - Application</u> These requirements apply to <u>all self-propelled</u> vessels. IACS <u>Z7.1, 1.1.1 - Application</u> The requirements apply to <u>all self-propelled</u> General Dry Cargo Ships of 500gt IACS <u>Z7.2, 1.1.1- Application</u> The requirements apply to all <u>self-propelled</u> ships carrying liquefied gases in bulk. IACS <u>Z10.2, 1.1.1 - Application</u> The requirements apply to all <u>self-propelled</u> Bulk Carriers other than DSBCs as defined in 1.1.1 of UR Z10.5. IACS <u>Z10.4, 1.1.1 - Application</u> The requirements apply to all <u>self-propelled</u> Double Hull Oil Tankers.</p>	<p>– In case of Ch. 2 and 3, the requirements of IACS UR Z7, Z7.1, Z7.2 and Z10 Series are reflected and applied to self-propelled ships.</p> <p>However, it is mentioned that the current applies to self-propelled ships only in Ch. 2, 15(General Dry Cargo Ships) and Ch. 16 (Liquefied Gas Carriers).</p> <p>– In case of non-propelled vessels, KR stipulates separate requirements in the “Rules/Guidances for the Classification of Steel Barges”, so it is judged that there is no problem without separately mentioning the classification of self-propelled ships.</p> <p>Nevertheless, it is intended to reduce confusion by separately describing the "application" requirement in Ch 2, Sec. 1.</p> <p>– Adjusting No.</p>

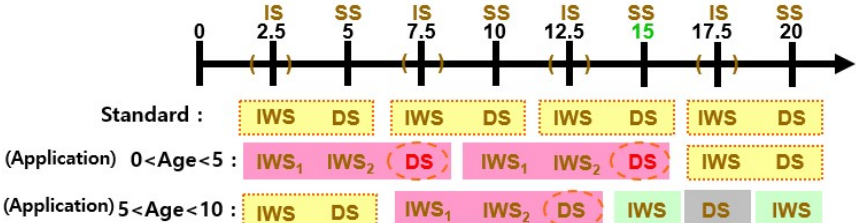
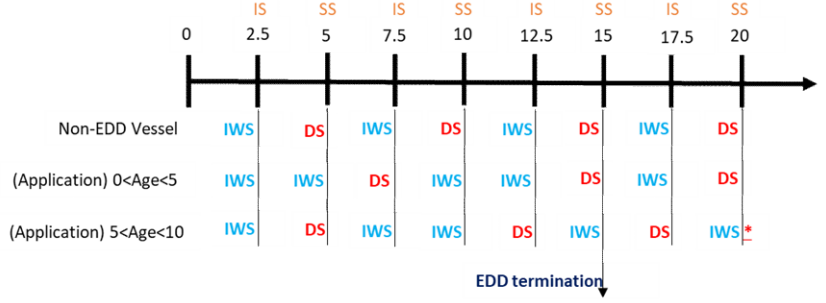
Present	Amendments	Reason
<p style="text-align: center;">Section 2 Annual Survey</p> <p>201. Due range</p> <ol style="list-style-type: none"> 1. Annual Survey is to be carried out within 3 months before or after each anniversary date. 2. Annual Survey may be carried out in advance even if it is not due, upon application by the Owner. However, if Annual Survey is carried out more than 3 months earlier than the anniversary date, the anniversary date will be newly assigned to the date of 3 months later than the date on which the survey was completed. <u>The subsequent Annual Survey shall be completed at the interval which will correspond to the new anniversary date.</u> 3. A survey planning meeting is to be held prior to the commencement of the survey. <i>(2018)</i> <p>〈hereinafter after, omitted〉</p>	<p style="text-align: center;">Section 2 Annual Survey</p> <p>201. Due range</p> <ol style="list-style-type: none"> 1. Annual Survey is to be carried out within 3 months before or after each anniversary date. 2. Annual Survey may be carried out in advance even if it is not due, upon application by the Owner. However, if Annual Survey is carried out more than 3 months earlier than the anniversary date, the anniversary date will be newly assigned to the date of 3 months later than the date on which the survey was completed. The subsequent Annual Survey shall be completed at the interval which will correspond to the new anniversary date. <i>(2023)</i> 3. A survey planning meeting is to be held prior to the commencement of the survey. <i>(2018)</i> <p>〈hereinafter, same as the current Rules〉</p>	<p>– For consistency with Korean version, there is no corresponding Sentence in Korean version.<i>(English only)</i></p>

Present	Amendments	Reason
<p>202. Hull, equipment and fire-extinguishing appliances</p> <p>1. The survey is to consist of an examination for the purpose of ensuring, as far as practicable, that the hull, hatch covers, hatch coamings, closing appliances, and equipment are maintained in a satisfactory condition.</p> <p>(1) ~ (2) <omitted></p> <p>(21) Examining, when applicable, the special requirements for ships permitted to sail with reduced freeboard.</p> <p><u><newly added></u></p> <p>(22) Examining each bilge pump and confirming that the bilge pumping system for each watertight compartment is satisfactory.</p> <p>(23) ~ (35) <omitted></p> <p><hereinafter, omitted></p> <p>Reference :</p> <p>1. IACS UR Z1 (Rev.9 July 2022)의 2.2.2.7 : Checking the ballasting arrangements (SOLAS 74/06/17 reg.II-1/20)</p>	<p>202. Hull, equipment and fire-extinguishing appliances</p> <p>1. The survey is to consist of an examination for the purpose of ensuring, as far as practicable, that the hull, hatch covers, hatch coamings, closing appliances, and equipment are maintained in a satisfactory condition.</p> <p>(1) ~ (2) <same as the current Rules></p> <p>(21) Examining, when applicable, the special requirements for ships permitted to sail with reduced freeboard.</p> <p><u>(22) Checking the ballasting arrangements (SOLAS 74/06/17 Reg.II-1/20) (2023)</u></p> <p><u>(23)</u> (22) Examining each bilge pump and confirming that the bilge pumping system for each watertight compartment is satisfactory.</p> <p><u>(24)</u> (23) ~ <u>(36)</u> (35) <same as the current Rules></p> <p><hereinafter, same as the current Rules></p>	<p>- Reflection to 2.2.2.7 of the IACS UR Z1 (Rev.9 July 2022),</p> <p>- Adjusting No.</p> <p>- Adjusting No.</p>

Present	Amendments	Reason
<p>204. Additional requirements to ship types</p> <p>1. ~ 2. <omitted></p> <p>3. Liquefied gas carriers : [See Guidance]</p> <p>(1) ~ (35) <omitted></p> <p><u>(36) Examining the fixed installation for the gas-dangerous spaces and confirming its means of operation is clearly marked.</u></p> <p><here in after, omitted></p>	<p>204. Additional requirements to ship types</p> <p>1. ~ 2. <same as the current Rules></p> <p>3. Liquefied gas carriers : [See Guidance]</p> <p>(1) ~ (35) <same as the current Rules></p> <p><u>(36) Examining the appropriate fire-extinguishing system for the enclosed cargo machinery spaces for ships that are dedicated to the carriage of a restricted number of cargoes and the internal water spray system for the turret compartments, and confirming that their means of operation is clearly marked.</u></p> <p><herein after, same as the current Rules></p>	<p>– Reflection to UR Z1 (Rev.9 July 2022),</p>

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<div>Section 4 Special Survey (Hull, Equipment and Fire-extinguishing Appliances)</div> <div>401. ~ 402. <omitted></div> <div>403. Requirements of survey (2018)</div> <div>1. <omitted></div> <div>(1) ~ (11) <omitted></div> <div>(12) Thickness measurement (2018) [See Guidance]</div> <div>(a) ~ (b) <omitted></div> <div>Table 1.2.4 Minimum requirements for Thickness Measurements at Special Survey</div> <div>1. General Ships</div> <table><tr><th>Special Survey No. 1</th><th>Special Survey No. 2</th><th>Special Survey No. 3</th><th>Special Survey No. 4 and Subsequent</th></tr><tr><td>1. Suspect areas throughout the vessel</td><td>1. Suspect areas throughout the vessel</td><td>1. Suspect areas throughout the vessel</td><td>1. Suspect areas throughout the vessel</td></tr><tr><td></td><td>2. One transverse section of deck plating in way of a cargo space within the amidships 0.5 L</td><td>2. Two transverse sections within the amidships 0.5 L in way of two different cargo spaces^{4), 5), 6), 7)}</td><td>2. A minimum of three transverse sections in way of cargo spaces within the amidships 0.5 L^{5), 6), 7)}</td></tr><tr><td></td><td></td><td>3. ~ 6. <omitted></td><td>3. ~ 12. <omitted></td></tr></table> <div>(NOTES)</div> <div>1) ~ 9) <omitted></div>	Special Survey No. 1	Special Survey No. 2	Special Survey No. 3	Special Survey No. 4 and Subsequent	1. Suspect areas throughout the vessel	1. Suspect areas throughout the vessel	1. Suspect areas throughout the vessel	1. Suspect areas throughout the vessel		2. One transverse section of deck plating in way of a cargo space within the amidships 0.5 L	2. Two transverse sections within the amidships 0.5 L in way of two different cargo spaces ^{4), 5), 6), 7)}	2. A minimum of three transverse sections in way of cargo spaces within the amidships 0.5 L ^{5), 6), 7)}			3. ~ 6. <omitted>	3. ~ 12. <omitted>	<div>Section 4 Special Survey (Hull, Equipment and Fire-extinguishing Appliances)</div> <div>401. ~ 402. <same as the current Rules></div> <div>403. Requirements of survey (2018)</div> <div>1. <same as the current Rules></div> <div>(1) ~ (11) <same as the current Rules></div> <div>(12) Thickness measurement (2018) [See Guidance]</div> <div>(a) ~ (b) <same as the current Rules></div> <div>Table 1.2.4 Minimum requirements for Thickness Measurements at Special Survey</div> <div>1. General Ships (2023)</div> <table><tr><th>S. S No. 1</th><th>Special Survey No. 2</th><th>Special Survey No. 3</th><th>Special Survey No. 4 and Subsequent</th></tr><tr><td><same as the current Rules></td><td>1. Suspect areas throughout the vessel</td><td>1. Suspect areas throughout the vessel</td><td>1. Suspect areas throughout the vessel</td></tr><tr><td></td><td>2. One transverse section of deck plating in way of a cargo space within the amidships 0.5 L(in way of a cargo space, if applicable)^{4), 5), 6), 7)}</td><td>2. Two transverse sections within the amidships 0.5 L (in way of two different cargo spaces, if applicable)^{4), 5), 6), 7)}</td><td>2. A minimum of three transverse sections in way of cargo spaces within the amidships 0.5 L(in way of cargo spaces, if applicable)^{5), 6), 7)}</td></tr><tr><td></td><td></td><td>3. ~ 6. <same as the current Rules></td><td>3. ~ 12. <same as the current Rules></td></tr></table> <div>(NOTES)</div> <div>1) ~ 9) <same as the current Rules></div>	S. S No. 1	Special Survey No. 2	Special Survey No. 3	Special Survey No. 4 and Subsequent	<same as the current Rules>	1. Suspect areas throughout the vessel	1. Suspect areas throughout the vessel	1. Suspect areas throughout the vessel		2. One transverse section of deck plating in way of a cargo space within the amidships 0.5 L(in way of a cargo space, if applicable) ^{4), 5), 6), 7)}	2. Two transverse sections within the amidships 0.5 L (in way of two different cargo spaces, if applicable) ^{4), 5), 6), 7)}	2. A minimum of three transverse sections in way of cargo spaces within the amidships 0.5 L(in way of cargo spaces, if applicable) ^{5), 6), 7)}			3. ~ 6. <same as the current Rules>	3. ~ 12. <same as the current Rules>	<div>- Reflection to Table I of UR Z7(Rev.29 May 2022)</div> <div>: to clarify the requirements for thickness measurements for ships without cargo space</div>
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Present	Amendments	Reason
<p style="text-align: center;">Section 6 Docking Survey</p> <p>601. ~ 603. <omitted></p> <p>604. In-water Survey</p> <p>1. ~ 2. <omitted></p> <p>3. Where an In-water Survey in lieu of the intermediate docking between Special Surveys is desired, the survey procedures are as follows: (1) ~ (7) <omitted></p> <p>(8) For a ship with IWS of additional special feature notation, the following requirements are to be complied with, in addition to the requirements specified in preceding (1) to (7).</p> <p>(a) The plans and documents specified in (1) and (b) to (d) below are to be submitted to the Society for approval, and are to be kept on board.</p> <p><u>(b) Anodes are to be attached in such a manner as to be easily replaced when necessary.</u></p> <p><u>(c)</u> To the shell plating below load waterline, provision is to be made for ready identification of the position of bulkhead.</p> <p><u>(d)</u> Ships contracted for construction or intended to have IWS notation newly, on or after 1 July 2011, are to be complied with the following requirements additionally. (i) ~ (iii) <omitted></p> <p><hereinafter, omitted></p> <p>Reference</p> <p>Pt 13, Sub 1, Ch 3, Sec 4, 2. "Sacrificial Anodes"</p> <p>2.1 Attachment of anodes to hull</p> <p>2.1.2</p> <p>Anodes are to be attached to stiffeners or aligned in way of stiffeners on plane bulkhead plating, <u>but they are not to be attached to the shell.</u> The two ends are not to be attached to separate members which are capable of relative movement.</p>	<p style="text-align: center;">Section 6 Docking Survey</p> <p>601. ~ 603. <same as the current Rules></p> <p>604. In-water Survey</p> <p>1. ~ 2. <same as the current Rules></p> <p>3. Where an In-water Survey in lieu of the intermediate docking between Special Surveys is desired, the survey procedures are as follows: (1) ~ (7) <same as the current Rules></p> <p>(8) For a ship with IWS of additional special feature notation, the following requirements are to be complied with, in addition to the requirements specified in preceding (1) to (7). <u>(2023)</u></p> <p>(a) The plans and documents specified in (1) and (b) to (d) below are to be submitted to the Society for approval, and are to be kept on board.</p> <p>(b) Anodes are to be attached in such a manner as to be easily replaced when necessary.</p> <p><u>(b)</u> (c) To the shell plating below load waterline, provision is to be made for ready identification of the position of bulkhead.</p> <p><u>(c)</u> (d) Ships contracted for construction or intended to have IWS notation newly, on or after 1 July 2011, are to be complied with the following requirements additionally. (i) ~ (iii) <same as the current Rules></p> <p><hereinafter, same as the current Rules></p>	<p>– At the request of Convention & Legislation Service Team by phone on 22nd July 2022.</p> <p>: M/V K.VICTORY has IWS Notation, but the anode is not attached to the bottom shell.</p> <p>The current requirement can be recognized as that the anode shall be installed in the bottom shell, so the requirement is clarified.</p>

Present	Amendments	Reason
<p>605. Extended Dry-docking Interval System</p> <p>1. General</p> <p>(1) ~ (2) <omitted></p> <p>(3) In application to 601. 1, at the request of the Owners, where deemed appropriate by the Society considering survey history, damage history and coating conditions, etc. it is possible until the ship reaches 15 years of age to perform the first and second Docking Survey due from the completion date of the Classification Survey during Construction or the completion date of the previous Docking Survey as an In-water Survey, and the third Docking Survey has to be performed in dry-dock or on a slipway within 7.5 years from the completion date of the Classification Survey during Construction or the completion date of the previous Docking Survey. [See Guidance]</p> <p>(4) The Owner can apply to join the "Extended Dry-docking Interval System" before the date on which the ship reaches 10 years of age. When the Owner applied to join the "Extended Dry-docking Interval System" after the No.1 Special Survey and the Docking Survey assigned between 10 years to 15 years of age has carried out in dry-dock or on a slipway, the next Docking Surveys can be carried out as Docking Survey and In-water Survey alternately start with In-water Survey. (refer to below figure) (2021)</p>  <p>Note : where IS, SS, IWS and DS mean Intermediate Survey, Special Survey, In—water Survey and Docking Survey respectively. (newly added)</p> <p><hereinafter, omitted></p>	<p>605. Extended Dry-docking Interval System</p> <p>1. General</p> <p>(1) ~ (2) <same as the current Rules></p> <p>(3) In application to 601. 1, at the request of the Owners, where deemed appropriate by the Society considering survey history, damage history and coating conditions, etc. it is possible until the ship reaches 15 years of age to perform the first and second Docking Survey due from the completion date of the Classification Survey during Construction or the completion date of the previous Docking Survey as an In-water Survey, and the third Docking Survey has to be performed in dry-dock or on a slipway within 7.5 years from the completion date of the Classification Survey during Construction or the completion date of the previous Docking Survey. [See Guidance]</p> <p>(4) The Owner can apply to join the "Extended Dry-docking Interval System" before the date on which the ship reaches 10 years of age. When the Owner applied to join the "Extended Dry-docking Interval System" after the No.1 Special Survey and the Docking Survey assigned between 10 years to 15 years of age has carried out in dry-dock or on a slipway, the next Docking Surveys can be carried out as Docking Survey and In-water Survey alternately start with In-water Survey. (refer to below figure) (2023)</p>  <p>Note : where IS, SS, IWS and DS mean Intermediate Survey, Special Survey, In—water Survey and Docking Survey respectively. * IWS shall be carried out in accordance with 403. 3, Ch 2 of the Guidance.</p> <p><hereinafter, same as the current Rules></p>	<p>- At the request of Survey Team's Notice (SUR3000-1243-2022, 21st June 2022)</p> <p>: In case of the current figure, it is expressed that EDD can be applied even after 15 years of age. Therefore, by revising the figure, in order to clearly express that EDD application is terminated after the ship reaches 15 years of age,</p> <p>- Revised figure</p> <p>- Requested by the Class Register and Record Team after meeting</p>

(2) Effective date : 1 July 2023

(Date of which application for survey is submitted)

- Moved the Guidance's requirements into Rule's requirements

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">CHAPTER 1 CLASSIFICATION</p> <p>Section 3 Classification Survey during Construction 307. Stability (2020) [See Guidance]</p> <p>1. In the Classification Survey during Construction for passenger ships and ships of 24 m and above in length other than passenger ships, stability experiments are to be carried out upon completion of the ship. A final stability information booklet adequate for the service intended and prepared on the basis of the stability particulars determined by the results of stability experiments, is to be approved by the Society and supplied to the master. However, a preliminary stability information booklet approved by the Society in lieu of a final stability information booklet may be provided on-board for a specific period.</p> <p>〈Note newly added〉</p>	<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">CHAPTER 1 CLASSIFICATION</p> <p>Section 3 Classification Survey during Construction 307. Stability (2023) [See Guidance]</p> <p>1. In the Classification Survey during Construction for passenger ships and ships of 24 m and above in length other than passenger ships, stability experiments are to be carried out upon completion of the ship. A final stability information booklet adequate for the service intended and prepared on the basis of the stability particulars determined by the results of stability experiments, is to be approved by the Society and supplied to the master. However, a preliminary stability information booklet approved by the Society in lieu of a final stability information booklet may be provided on-board for a specific period.</p> <p>Note : 1) In application to 1 above, the requirements shall not apply to the following ships not engaged on international voyage and less than 24 meters in length. (1) ~ (5) 〈same as the current Guidance〉 2) Stability experiments stated ~ specially required by the Society.</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>Section 3 Classification Survey during Construction 307. Stability (2021) [See Rule]</p> <p>1. <u>In application to 307. 1 of the Rules, the requirements shall not apply to the following ships not engaged on international voyage and less than 24 meters in length.</u> (1) Tug boat, Salvage, Dredger or Survey ship (2) Steel barges (3) Ships other than passenger ships or car ferries operating in water area within lakes, rivers and harbours (4) Floating structures used for the storage in bulk of oil or waste etc. (5) Floating structures used for the storage in bulk of dangerous goods</p> <p>2. <u>Stability experiments stated in the Rules mean inclining experiments and rolling tests. Where the rolling period could be calculated in accordance with the formula specified in 2008 IS Code Part A, the rolling tests may be dispensed with except those specially required by the Society. (2020)</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>Section 3 Classification Survey during Construction (2023) 307. Stability (2021) [See Rule]</p> <p>1. ~ 2. 〈same as the current Guidances〉</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>Section 4 Classification Survey after Construction 405. Stability experiments [See Guidance]</p> <p>In the Classification Survey after Construction for passenger ships and ships of 24 m and above in length other than passenger ships, stability experiments are to be carried out. A final stability information booklet adequate for the service intended and prepared on the basis of the stability particulars determined by the results of stability experiments, is to be approved by the Society and supplied to the master. However, a preliminary stability information booklet approved by the Society in lieu of a final stability information booklet may be provided on-board for a specific period. Stability experiments may be dispensed with provided that <u>sufficient information based on previous stability experiments</u> is available and neither alteration nor repair affecting the stability has been made since the previous experiments.</p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>Section 4 Classification Survey after Construction 405. Stability experiments <u>(2023)</u> [See Guidance]</p> <p>In the Classification Survey after Construction for passenger ships and ships of 24 m and above in length other than passenger ships, stability experiments are to be carried out. A final stability information booklet adequate for the service intended and prepared on the basis of the stability particulars determined by the results of stability experiments, is to be approved by the Society and supplied to the master. However, a preliminary stability information booklet approved by the Society in lieu of a final stability information booklet may be provided on-board for a specific period. Stability experiments may be dispensed with provided that “sufficient information based on previous stability experiments” is available and neither alteration nor repair affecting the stability has been made since the previous experiments.</p> <p><u>Note :</u></p> <p><u>1) Stability criteria and a standardized form of the stability information booklet are to comply with the requirements given in 307.</u></p> <p><u>2) The term "the sufficient information based on previous stability experiments" means the information on stability experiments approved by any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS or the relevant flag state(including recognized organizations authorized by the relevant flag state to act on its behalf)</u></p>	<p>– In order to match the 307 “Stability”</p> <p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>Section 4 Classification Survey after Construction 405. Stability experiments [See Rule]</p> <p>1. Stability criteria and a standardized form of the stability information booklet are to comply with the requirements given in 307. of the Guidance.</p> <p>2. In application to 405. of the Rules, the term "the sufficient information based on previous stability experiments" means the information on stability experiments approved by any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS or the relevant flag state(including recognized organizations authorized by the relevant flag state to act on its behalf)</p>	<p style="text-align: center;">〈Guidances〉</p> <p>Section 4 Classification Survey after Construction <u>(2023)</u> 405. Stability experiments [See Rule]</p> <p>1. Stability criteria and a standardized form of the stability information booklet are to comply with the requirements given in 307. of the Guidance:</p> <p>2. In application to 405. of the Rules, the term "the sufficient information based on previous stability experiments" means the information on stability experiments approved by any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS or the relevant flag state(including recognized organizations authorized by the relevant flag state to act on its behalf)</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;"><Rules></p> <p style="text-align: center;">Section 13 Classification of Other Installations or Equipment</p> <p>1303. Construction and survey <u>[See Guidance]</u></p> <p>Constructions and surveys of installations or equipment intending to be registered are to be in accordance with <u>the Guidance</u> relating to the Rules. <Note newly added></p> <p>1304. Maintenance of classification <u>[See Guidance]</u></p> <p>Installations or equipment classed to the Society are to be upon the examination at the surveys assigned to maintain the classification in accordance with <u>the requirements specified by the Society</u>. The application for survey is to be made by the Owners or managers in substitute for the Owners. <Note newly added></p>	<p style="text-align: center;"><Rules></p> <p style="text-align: center;">Section 13 Classification of Other Installations or Equipment</p> <p>1303. Construction and survey (2023) –[See Guidance]–</p> <p>Constructions and surveys of installations or equipment intending to be registered are to be in accordance with <u>"the Guidance"</u> relating to the Rules. Note : The term "the Guidance" means the requirements specified in related Classification Technical Rules.</p> <p>1304. Maintenance of classification (2023) –[See Guidance]–</p> <p>Installations or equipment classed to the Society are to be upon the examination at the surveys assigned to maintain the classification in accordance with <u>"the requirements specified by the Society"</u>. The application for survey is to be made by the Owners or managers in substitute for the Owners. Note : The term "the requirements specified by the Society" means the requirements specified in the relevant Classification Technical Rules of the Society. ⬇</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;"><Guidances></p> <p style="text-align: center;"><u>Section 13 Classification of Other Installations or Equipment (2021)</u></p> <p><u>1303. Construction and Survey [See Rule]</u></p> <p><u>In application to 1303. of the Rules, "the Guidance" means the requirements specified in related Rules.</u></p> <p><u>1304. Maintenance of classification [See Rule]</u></p> <p><u>In application to 1304. of the Rules, "the requirements specified by the Society" means the requirements specified in the relevant technical rules of the Society.</u> ⬇</p>	<p style="text-align: center;"><Guidances></p> <p style="text-align: center;"><u>Section 13 Classification of Other Installations or Equipment (2021)</u></p> <p><u>1303. Construction and Survey [See Rule]</u></p> <p><u>In application to 1303. of the Rules, "the Guidance" means the requirements specified in related Rules.</u></p> <p><u>1304. Maintenance of classification [See Rule]</u></p> <p><u>In application to 1304. of the Rules, "the requirements specified by the Society" means the requirements specified in the relevant technical rules of the Society.</u> ⬇</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">CH 2 PERIODICAL AND OTHER SURVEYS</p> <p style="text-align: center;">Section 1 General</p> <p>101. Definitions</p> <p>The definitions of terms used in Ch 2 and Ch 3 are to be as specified in the followings, unless otherwise specified elsewhere.</p> <p>13. Suspect area is a <u>location</u> showing substantial corrosion and/or is considered by the Surveyor <u>to be prone to rapid wastage</u>. [See Guidance]</p> <p><u>〈Note newly added〉</u></p> <p>104. Execution of heavier survey [See Guidance]</p> <p>At the periodical survey, any items <u>as specially considered necessary by the Surveyor</u> or specially requested by the Owner may be inspected to the standard of heavier periodical surveys.</p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">CH 2 PERIODICAL AND OTHER SURVEYS</p> <p style="text-align: center;">Section 1 General</p> <p>101. Definitions</p> <p>The definitions of terms used in Ch 2 and Ch 3 are to be as specified in the followings, unless otherwise specified elsewhere.</p> <p>13. Suspect area is a <u>"location"</u> showing substantial corrosion and/or is considered by the Surveyor <u>"to be prone to rapid wastage"</u>. (2023) [See Guidance]</p> <p><u>Note : The term "location prone to rapid wastage" means one of the following cases among the location specified in Annex 1-5, Table 2 of the Guidance:</u></p> <p><u>1) Area with standing bilge water</u></p> <p><u>2) Bulkheads facing fuel oil tanks being heated</u></p> <p>104. Execution of heavier survey (2023) [See Guidance]</p> <p>At the periodical survey, any items <u>"as specially considered necessary by the Surveyor"</u> or specially requested by the Owner may be inspected to the standard of heavier periodical surveys.</p> <p><u>Note : The term "as specially considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">CH 2 PERIODICAL AND OTHER SURVEYS</p> <p style="text-align: center;">Section 1 General (2021)</p> <p>101. Definitions [See Rule]</p> <p>In application to 101. 13 of the Rules, the term "location prone to rapid wastage" means one of the following cases among the location specified in Annex 1-5, Table 2 of the Guidance:</p> <p>(1) Area with standing bilges</p> <p>(2) Bulkheads facing fuel oil tanks being heated</p> <p>104. Execution of heavier survey [See Rule]</p> <p>In application to 104. of the Rules, the term "as specially considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. of the Guidance.</p>	<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">CH 2 PERIODICAL AND OTHER SURVEYS (2023)</p> <p style="text-align: center;">Section 1 General (2021)</p> <p>101. Definitions [See Rule]</p> <p>In application to 101. 13 of the Rules, the term "location prone to rapid wastage" means one of the following cases among the location specified in Annex 1-5, Table 2 of the Guidance:</p> <p>(1) Area with standing bilges</p> <p>(2) Bulkheads facing fuel oil tanks being heated</p> <p>104. Execution of heavier survey [See Rule]</p> <p>In application to 104. of the Rules, the term "as specially considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. of the Guidance.</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>114. Preparations for survey</p> <p>1. Conditions for survey</p> <p>(6) Casings, ceilings or linings, and loose insulation, where fitted, are to be removed, as required by the Surveyor, for examination of plating and framing. Compositions on plating are to be examined and sounded, but need not be disturbed if found adhering satisfactorily to the plating. <u>[See Guidance]</u></p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>114. Preparations for survey</p> <p>1. Conditions for survey</p> <p>(6) Casings, ceilings or linings, and loose insulation, where fitted, are to be removed, as required by the Surveyor, for examination of plating and framing. Compositions on plating are to be examined and sounded, but need not be disturbed if found adhering satisfactorily to the plating. <u>(2023)</u> [See Guidance]</p> <p><u>Note : The Surveyor is to consider the following items and so on when require to remove casings, ceilings or linings, and loose insulation.</u></p> <p><u>(1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</u></p> <p><u>(2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</u></p> <p><u>(3) where wastage is evident or suspect</u></p> <p><u>(4) where considered to be prone to rapid wastage</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>114. Preparations for survey</p> <p>1. In application to 113. 1 (6) and (7) of the Rules, the Surveyor is to consider following items and so on when require to remove casings, ceilings or linings, and loose insulation. <u>[See Rule]</u></p> <p><u>(1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</u></p> <p><u>(2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</u></p> <p><u>(3) where wastage is evident or suspect</u></p> <p><u>(4) where considered to be prone to rapid wastage</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>114. Preparations for survey</p> <p>1. In application to 113. 1 (6) and (7) of the Rules, the Surveyor is to consider following items and so on when require to remove casings, ceilings or linings, and loose insulation. <u>[See Rule]</u></p> <p>(1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</p> <p>(2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</p> <p>(3) where wastage is evident or suspect</p> <p>(4) where considered to be prone to rapid wastage</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>(7) In refrigerated cargo spaces the condition of the coating behind the insulation is to be examined at representative locations. The examination may be limited to verification that the protective coating remains effective and that there are no visible structural defects. Where POOR coating condition is found, the examination is "to be extended as deemed necessary by the Surveyor". The condition of the coating is to be reported. If indents, scratches, etc., are detected during surveys of shell plating from the outside, insulations in way are to be removed as required by the Surveyor, for further examination of the plating and adjacent frames. (2021) [See Guidance]</p> <p>Note : "to be extended as deemed necessary by the Surveyor" means the extent of insulations to determine the extent of the poor coating condition behind the insulation. <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>(7) In refrigerated cargo spaces the condition of the coating behind the insulation is to be examined at representative locations. The examination may be limited to verification that the protective coating remains effective and that there are no visible structural defects. Where POOR coating condition is found, the examination is "to be extended as deemed necessary by the Surveyor". The condition of the coating is to be reported. If indents, scratches, etc., are detected during surveys of shell plating from the outside, insulations in way are to be removed as required by the Surveyor, for further examination of the plating and adjacent frames. (2023) [See Guidance]</p> <p>Note : <u>1) The term "to be extended as deemed necessary by the Surveyor" means the extent of insulations to determine the extent of the poor coating condition behind the insulation.</u> <u>2) The Surveyor is to consider the following items and so on when require to remove casings, ceilings or linings, and loose insulation. (2023)</u> <u>(1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</u> <u>(2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</u> <u>(3) where wastage is evident or suspect</u> <u>(4) where considered to be prone to rapid wastage</u></p>	<p>- Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>114. Preparations for survey</p> <p><u>1. In application to 113. 1 (6) and (7) of the Rules, the Surveyor is to consider following items and so on when require to remove casings, ceilings or linings, and loose insulation. [See Rule]</u></p> <p><u>(1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</u> <u>(2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</u> <u>(3) where wastage is evident or suspect</u> <u>(4) where considered to be prone to rapid wastage</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>114. Preparations for survey</p> <p><u>1. In application to 113. 1 (6) and (7) of the Rules, the Surveyor is to consider following items and so on when require to remove casings, ceilings or linings, and loose insulation. [See Rule]</u></p> <p><u>(1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</u> <u>(2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</u> <u>(3) where wastage is evident or suspect</u> <u>(4) where considered to be prone to rapid wastage</u></p>	<p>- Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>3. Equipment for survey (2018)</p> <p>(1) One or more of the following fracture detection procedures may be required if <u>deemed necessary by the Surveyor</u>: [See Guidance]</p> <p>(A) radiographic equipment (B) ultrasonic equipment (C) magnetic particle equipment (D) dye penetrant 〈Note newly added〉</p> <p>4. Survey¹⁾ at sea or at anchorage (2020)</p> <p>(1) ~ (3) 〈omitted〉</p> <p>(4) Surveys of tanks by means of boats or rafts may only be undertaken <u>at the sole discretion of the Surveyor</u>, who is to take into account the safety arrangements provided, including weather forecasting and ship response under foreseeable conditions. [See Guidance]</p> <p>(Note) ¹⁾ : Reference is made to IACS Recommendation 39 - "Safe Use of Rafts or Boats for Survey" (2020) 〈Note newly added〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>3. Equipment for survey (2023)</p> <p>(1) One or more of the following fracture detection procedures may be required if <u>"deemed necessary by the Surveyor"</u>: [See Guidance]</p> <p>(A) radiographic equipment (B) ultrasonic equipment (C) magnetic particle equipment (D) dye penetrant Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 of the Guidance.</p> <p>4. Survey¹⁾ at sea or at anchorage (2020)</p> <p>(1) ~ (3) 〈same as the current Rules〉</p> <p>(4) Surveys of tanks by means of boats or rafts may only be undertaken <u>"at the sole discretion of the Surveyor"</u>, who is to take into account the safety arrangements provided, including weather forecasting and ship response under foreseeable conditions. (2023) [See Guidance]</p> <p>Note :</p> <p>1) Reference is made to IACS Recommendation 39 - "Safe Use of Rafts or Boats for Survey" (2020) 2) The term <u>"at the sole discretion of the Surveyor" means the cases as specified in Ch 3, 102. 6 (3) of the Rules.</u> (2023)</p>	<p>- Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>2. In application to 113. 3 (1) of the Rules, <u>"deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 of the Guidance. (2018)</u> [See Rule]</p> <p>3. In application to 113. 4 (4) of the Rules, <u>"at the sole discretion of the Surveyor" means the cases as specified in Ch 3, 102. 6 (3) of the Rules. (2018)</u> [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>2. In application to 113. 3 (1) of the Rules, "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 of the Guidance. (2018) [See Rule]</p> <p>3. In application to 113. 4 (4) of the Rules, "at the sole discretion of the Surveyor" means the cases as specified in Ch 3, 102. 6 (3) of the Rules. (2018) [See Rule]</p>	<p>- Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 2 Annual Survey</p> <p>202. Hull, equipment and fire-extinguishing appliances</p> <p>1. The survey is to consist of ~ maintained in a satisfactory condition.</p> <p>(20) Examining penetrations and stop valves on watertight bulkheads and closing appliances of openings on superstructure end bulkheads. If <u>considered necessary by the Surveyor</u>, performance test for closing appliances of openings on superstructure end bulkheads is to be carried out. [See Guidance] <u>〈Note newly added〉</u></p> <p>(32) Examination of ballast tanks (2017) [See Guidance] Examination of ballast tank when required as a consequence of the results of the Special Survey and Intermediate Survey is to be carried out. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, then the extent of thickness measurements is to be increase to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements are to be carried out before the Annual Survey is credited as completed. <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 2 Annual Survey</p> <p>202. Hull, equipment and fire-extinguishing appliances</p> <p>1. The survey is to consist of ~ maintained in a satisfactory condition.</p> <p>(20) Examining penetrations and stop valves on watertight bulkheads and closing appliances of openings on superstructure end bulkheads. If <u>"considered necessary by the Surveyor"</u>, performance test for closing appliances of openings on superstructure end bulkheads is to be carried out. (2023) —[See Guidance]— <u>Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance.</u></p> <p>(32) Examination of ballast tanks (2023) —[See Guidance]— Examination of ballast tank when required as a consequence of the results of the Special Survey and Intermediate Survey is to be carried out. When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, then the extent of thickness measurements is to be increase to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements are to be carried out before the Annual Survey is credited as completed. <u>Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">Section 2 Annual Survey</p> <p>202. Hull, equipment and fire-extinguishing appliances</p> <p>1. In application to 202. 1 (20) of the Rules, <u>"considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance.</u> [See Rule]</p> <p>2. In application to 202. 1 (32) of the Rules, <u>"considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u> [See Rule]</p> <p>3. 〈omitted〉</p>	<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">Section 2 Annual Survey</p> <p>202. Hull, equipment and fire-extinguishing appliances</p> <p>1. In application to 202. 1 (20) of the Rules, "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance. —[See Rule]—</p> <p>2. In application to 202. 1 (32) of the Rules, "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. —[See Rule]—</p> <p>1. 3. 〈same as the current Guidances〉</p>	<p>– Deleted after moving into Rules</p> <p>– Adjusting No.</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>204. Additional requirements to ship types</p> <p>1. Oil tankers(including tankers) : <u>[See Guidance]</u></p> <p>The additional requirements are to apply to Annual Survey as follows, as far as practicable. Where <u>considered necessary by the Surveyor</u>, the performance test and overhauling may be required.</p> <p><u>〈Note newly added〉</u></p> <p>(2) Examining the inert gas system, and in particular: (A) ~ (G) 〈omitted〉</p> <p>(H) Checking, as far as practicable, the following alarms and safety devices of the inert gas system using simulated condition <u>where necessary</u>. <u>[See Guidance]</u></p> <p>(a) high oxygen content of gas in the inert gas main. (b) low gas pressure in the inert gas main. (c) ~ (j) 〈omitted〉</p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>204. Additional requirements to ship types</p> <p>1. Oil tankers(including tankers) : <u>(2023)</u> —[See Guidance]—</p> <p>The additional requirements are to apply to Annual Survey as follows, as far as practicable. Where <u>"considered necessary by the Surveyor"</u>, the performance test and overhauling may be required.</p> <p><u>Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance.</u></p> <p>(2) Examining the inert gas system, and in particular: (A) ~ (G) 〈same as the current Rules〉</p> <p>(H) Checking, as far as practicable, the following alarms and safety devices of the inert gas system using simulated condition <u>"where necessary"</u>. <u>(2023)</u> —[See Guidance]—</p> <p>(a) high oxygen content of gas in the inert gas main. (b) low gas pressure in the inert gas main. (c) ~ (j) 〈same as the current Rules〉</p> <p><u>Note : The term "where necessary" means the cases as specified in Ch 1, 801. 6 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>204. Additional requirements to ship types</p> <p>1. In application to 204. 1 to 3 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</p> <p>2. In application to 204. 1 (2) (H) of the Rules, the term "where necessary" means the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>204. Additional requirements to ship types</p> <p>1. In application to 204. 1 to 3 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance. —[See Rule]—</p> <p>2. In application to 204. 1 (2) (H) of the Rules, the term "where necessary" means the cases as specified in Ch 1, 801. 6 of the Guidance. —[See Rule]—</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>2. Chemical tankers : <u>[See Guidance]</u></p> <p>The additional requirements are to apply to Annual Survey as follows, as far as practicable. Where <u>considered necessary by the Surveyor</u>, the performance test and overhauling may be required.</p> <p><u>〈Note newly added〉</u></p> <p>(1) ~ (44) 〈omitted〉</p> <p>3. Liquefied gas carriers : <u>[See Guidance]</u></p> <p>The additional requirements are to apply to Annual Survey as follows, as far as practicable, during a loading or discharging operation. Access for cargo tanks or inerted hold spaces, however, need not be surveyed unless otherwise specially required by the Surveyor. Where <u>considered necessary by the Surveyor</u>, the performance test and overhauling may be required.</p> <p><u>〈Note newly added〉</u></p> <p>(1) ~ (54) 〈omitted〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>2. Chemical tankers <u>(2023)</u> : —[See Guidance]—</p> <p>The additional requirements are to apply to Annual Survey as follows, as far as practicable. Where <u>"considered necessary by the Surveyor"</u>, the performance test and overhauling may be required.</p> <p><u>Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance.</u></p> <p>(1) ~ (44) 〈same as the current Rules〉</p> <p>3. Liquefied gas carriers <u>(2023)</u> : —[See Guidance]—</p> <p>The additional requirements are to apply to Annual Survey as follows, as far as practicable, during a loading or discharging operation. Access for cargo tanks or inerted hold spaces, however, need not be surveyed unless otherwise specially required by the Surveyor. Where <u>"considered necessary by the Surveyor"</u>, the performance test and overhauling may be required.</p> <p><u>Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance.</u></p> <p>(1) ~ (54) 〈same as the current Rules〉</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p><u>204. Additional requirements to ship types</u></p> <p><u>1. In application to 204. 1 to 3 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p><u>204. Additional requirements to ship types</u></p> <p><u>1. In application to 204. 1 to 3 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 3 Intermediate Survey</p> <p>302. Hull, equipment and fire-extinguishing appliances At the Intermediate Survey, in addition to all the requirements for Annual Survey, the following items are to be surveyed:</p> <p>2. For fire-extinguishing appliances, the survey is to be in accordance with the Guidance relating to the Rules. [See Guidance] <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 3 Intermediate Survey</p> <p>302. Hull, equipment and fire-extinguishing appliances At the Intermediate Survey, in addition to all the requirements for Annual Survey, the following items are to be surveyed:</p> <p>2. For fire-extinguishing appliances, the survey is to be in accordance with "the Guidance" relating to the Rules. <u>(2023)</u> —[See Guidance]— <u>Note : "the Guidance" means the requirements specified in 202. of the Guidance. In this case, for foam fire-extinguishing systems, the foam is to be tested by the manufacturer or recognized test organization and the test records are to be submitted for approval.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">Section 3 Intermediate Survey (2021)</p> <p>302. Hull, equipment and fire-extinguishing appliances [See Rule] <u>In application to 302. 2 of the Rules, "the Guidance" means the requirements specified in 202. of the Guidance. In this case, for foam fire-extinguishing systems, the foam is to be tested by the manufacturer or recognized test organization and the test records are to be submitted for approval.</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">Section 3 Intermediate Survey <u>(2023)</u></p> <p>302. Hull, equipment and fire-extinguishing appliances —[See Rule]— <u>In application to 302. 2 of the Rules, "the Guidance" means the requirements specified in 202. of the Guidance. In this case, for foam fire-extinguishing systems, the foam is to be tested by the manufacturer or recognized test organization and the test records are to be submitted for approval.</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 4 Special Survey (Hull, Equipment and Fire-extinguishing Appliances)</p> <p>401. Due range</p> <p>8. Continuous Survey of Hull</p> <p>For ships other than those subject to Ch 3 Hull Surveys of Ships subject to the Enhanced Survey Programme and Sec 15 Hull Surveys for General Dry Cargo Ships,</p> <p>(4) At the end of the five-year Special Survey period, for the purpose of completion of Special Survey, a survey at least in the scope of an Annual Survey is be carried out during which the Surveyor will satisfy himself/herself as to whether all items required to be surveyed have been surveyed throughout, and with satisfactory results. The Surveyor may inspect individual parts again if <u>deemed necessary by the Surveyor</u>. [See Guidance]</p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 4 Special Survey (Hull, Equipment and Fire-extinguishing Appliances)</p> <p>401. Due range</p> <p>8. Continuous Survey of Hull</p> <p>For ships other than those subject to Ch 3 Hull Surveys of Ships subject to the Enhanced Survey Programme and Sec 15 Hull Surveys for General Dry Cargo Ships,</p> <p>(4) At the end of the five-year Special Survey period, for the purpose of completion of Special Survey, a survey at least in the scope of an Annual Survey is be carried out during which the Surveyor will satisfy himself/herself as to whether all items required to be surveyed have been surveyed throughout, and with satisfactory results. The Surveyor may inspect individual parts again if <u>"deemed necessary by the Surveyor"</u>. (2023) –[See Guidance]</p> <p><u>Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 1 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">Section 4 Special Survey (Hull, Equipment and Fire-extinguishing Appliances)</p> <p>401. Due range (2021)</p> <p>1. In application to 401. 8 (4) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 1 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">Section 4 Special Survey (Hull, Equipment and Fire-extinguishing Appliances)</p> <p>401. Due range (2021)</p> <p>1. In application to 401. 8 (4) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 1 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>403. Requirements of survey (2018)</p> <p>1.</p> <p>(3) The anchors and chain cables are to be ranged, examined and the required complement and condition verified. The chain locker, holdfasts, hawse pipes and chain stoppers are to be examined and pumping arrangements of the chain locker tested. At Special Survey No. 2 and subsequent Special Surveys, chain cables are to be gauged and renewed in cases where their mean diameter is 12 % or more below the original required nominal size. (2020) 【See Guidance】</p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>403. Requirements of survey (2018)</p> <p>1.</p> <p>(3) The anchors and chain cables are to be ranged, examined and the required complement and condition verified. The chain locker, holdfasts, hawse pipes and chain stoppers are to be examined and pumping arrangements of the chain locker tested. At Special Survey No. 2 and subsequent Special Surveys, chain cables are to be gauged and renewed in cases where their mean diameter is 12 % or more below the original required nominal size. (2023) 【See Guidance】</p> <p><u>Note :</u></p> <p><u>Where ships subject to "Extended Dry-docking Interval System" specified in 605. are carried out In-water Survey in lieu of Docking Survey during Special Survey, and provided they were examined/tested as far as practicable specified in (3) and found in a satisfactory condition, the range and examination of anchors and chain cables(including measurements, if applicable), internal examination of chain lockers and testing of the pumping arrangements for the chain lockers may be carried out next scheduled Docking Survey.</u></p>	<p>- Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>403. Requirements of survey</p> <p><u>5. Where ships subject to "Extended Dry-docking Interval System" specified in 605. are carried out In-water Survey in lieu of Docking Survey during Special Survey and provided they were examined/tested as far as practicable specified in 403. 1 (3) of the Rules and found in a satisfactory condition, the range and examination of anchors and chain cables(including measurements, if applicable), internal examination of chain lockers and testing of the pumping arrangements for the chain lockers may be carried out next scheduled Docking Survey. 【See Rule】 (2020)</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>403. Requirements of survey</p> <p>5. Where ships subject to "Extended Dry-docking Interval System" specified in 605. are carried out In-water Survey in lieu of Docking Survey during Special Survey and provided they were examined/tested as far as practicable specified in 403. 1 (3) of the Rules and found in a satisfactory condition, the range and examination of anchors and chain cables(including measurements, if applicable), internal examination of chain lockers and testing of the pumping arrangements for the chain lockers may be carried out next scheduled Docking Survey. 【See Rule】 (2020)</p>	<p>- Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>(7) Internal examination of spaces (2020)</p> <p>(c) Where provided, the condition of corrosion prevention system of ballast tanks is to be examined. For ballast tanks, excluding double bottom ballast tanks, where a hard protective coating is found in POOR condition and it is not renewed, where soft or semi-hard coating has been applied, of where a hard protective coating was not applied from time of construction, the tanks in question are to be examined at annual intervals. Thickness measurements are to be carried out as <u>deemed necessary by the Surveyor</u>. [See Guidance]</p> <p>(d) When such breakdown of hard protective coating is found in double bottom ballast tanks and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question may be examined at annual intervals. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. [See Guidance]</p> <p>〈Note newly added〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>(7) Internal examination of spaces (2020)</p> <p>(c) Where provided, the condition of corrosion prevention system of ballast tanks is to be examined. For ballast tanks, excluding double bottom ballast tanks, where a hard protective coating is found in POOR condition and it is not renewed, where soft or semi-hard coating has been applied, of where a hard protective coating was not applied from time of construction, the tanks in question are to be examined at annual intervals. Thickness measurements are to be carried out as <u>"deemed necessary by the Surveyor"</u>. (2023) [See Guidance] Note : "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</p> <p>(d) When such breakdown of hard protective coating is found in double bottom ballast tanks and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question may be examined at annual intervals. When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurements are to be carried out. (2023) [See Guidance] Note : "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>403. Requirements of survey</p> <p>1. ~ 3. 〈omitted〉</p> <p>4. In application to 403. 1 (7) (c) and (d) of the Rules, <u>"deemed/considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u> [See Rule]</p> <p>5. 〈omitted〉</p>	<p style="text-align: center;">〈Guidances〉</p> <p>403. Requirements of survey</p> <p>1. ~ 3. 〈same as the current Guidance〉</p> <p>4. In application to 403. 1 (7) (c) and (d) of the Rules, <u>"deemed/considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u> [See Rule]</p> <p>4. 5. 〈same as the current Rules〉</p>	<p>– Deleted after moving into Rules</p> <p>– Adjusting No.</p>

Present	Amendments	Reason
<p style="text-align: center;"><Rules></p> <p>(8) The arrangements for mooring and anchoring are to be examined and their performances are to be tested. However, the performance tests may be dispensed with <u>at the discretion of the Surveyor.</u> [See Guidance] <u><Note newly added></u></p> <p>(12) Thickness measurement <i>(2018)</i> [See Guidance] (a) Thickness measurements are to be carried out in accordance with Table 1.2.4. The Surveyor may extend the thickness measurements as <u>deemed necessary</u>. When thickness measurements indicate substantial corrosion, the extent of thickness measurements is to be increased to determine areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements are to be carried out before the survey is credited as completed. <u><Note newly added></u></p> <p>(13) Tank testing <i>(2018)</i> Table 1.2.6 Minimum requirements for tank testing</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>5. The Surveyor may extend the testing as <u>deemed necessary</u>. [See Guidance]</p> </div>	<p style="text-align: center;"><Rules></p> <p>(8) The arrangements for mooring and anchoring are to be examined and their performances are to be tested. However, the performance tests may be dispensed with <u>"at the discretion of the Surveyor."</u> <u>(2023)</u> [See Guidance] <u>Note : The term "at the discretion of the Surveyor" deemed appropriate by the Surveyor" means the other cases except for the cases as specified in Ch 1, 801. 6 of the Guidance.</u></p> <p>(12) Thickness measurement <u>(2023)</u> [See Guidance] (a) Thickness measurements are to be carried out in accordance with Table 1.2.4. The Surveyor may extend the thickness measurements as <u>"deemed necessary"</u>. When thickness measurements indicate substantial corrosion, the extent of thickness measurements is to be increased to determine areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements are to be carried out before the survey is credited as completed. <u>Note : The term "deemed necessary" means the other cases except for the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p> <p>(13) Tank testing <u>(2023)</u> Table 1.2.6 Minimum requirements for tank testing</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>5. The Surveyor may extend the testing as <u>"deemed necessary"</u>. <u>Where "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. (2023)</u> [See Guidance]</p> </div>	<p>– Introduced from Guidances</p>
<p style="text-align: center;"><Guidances></p> <p>6. In application to 403. 1 (8) of the Rules, the term "deemed appropriate by the Surveyor" means the other cases except for the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</p> <p>7. In application to 403. 1 (12) of the Rules, "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. <i>(2018)</i> [See Rule]</p> <p>8. In application to Table 1.2.6 NOTES 5 of the Rules, "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. [See Rule]</p>	<p style="text-align: center;"><Guidances></p> <p>6. In application to 403. 1 (8) of the Rules, the term "deemed appropriate by the Surveyor" means the other cases except for the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</p> <p>7. In application to 403. 1 (12) of the Rules, "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. <i>(2018)</i> [See Rule]</p> <p>8. In application to Table 1.2.6 NOTES 5 of the Rules, "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;"><Rules></p> <p>(14) Where <u>considered necessary by the Surveyor</u>, the effectiveness of shell plating, watertight bulkheads, shaft tunnels, watertight doors and the closing appliances of openings on superstructure end bulkheads is to be confirmed. (2018) [See Guidance] <u><Note newly added></u></p> <p>(19) For ships provided with the equipment employed in the mooring of ships at single point mooring specified in Pt 4, Ch 10, 101. 7 and assigned the additional class notation "EQ-SPM", the function and deformation condition of this equipment employed in the mooring of ships at single point mooring and hull supporting structures are to be closely checked and confirmed its satisfactory conditions. Where <u>deemed necessary</u>, non-destructive examinations may be required. (2018) [See Guidance] <u><Note newly added></u></p> <p>404. Fire-extinguishing appliances [See Guidance] For fire-extinguishing appliances, the survey is to be in accordance with the <u>Guidance relating to the Rules</u>.</p>	<p style="text-align: center;"><Rules></p> <p>(14) Where <u>"considered necessary by the Surveyor"</u>, the effectiveness of shell plating, watertight bulkheads, shaft tunnels, watertight doors and the closing appliances of openings on superstructure end bulkheads is to be confirmed. (2023) [See Guidance] <u>Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance.</u></p> <p>(19) For ships provided with the equipment employed in the mooring of ships at single point mooring specified in Pt 4, Ch 10, 101. 7 and assigned the additional class notation "EQ-SPM", the function and deformation condition of this equipment employed in the mooring of ships at single point mooring and hull supporting structures are to be closely checked and confirmed its satisfactory conditions. Where <u>"deemed necessary"</u>, non-destructive examinations may be required. (2023) [See Guidance] <u>Note : The term "deemed necessary" means the cases as specified in Ch 1, 801. 2 of the Guidance.</u></p> <p>404. Fire-extinguishing appliances (2023) [See Guidance] For fire-extinguishing appliances, the survey is to be in accordance with the <u>302. 2. Guidance relating to the Rules</u>.</p>	<p>- Introduced from Guidances</p>
<p style="text-align: center;"><Guidances></p> <p>9. In application to 403. 1 (14) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance. (2018) [See Rule]</p> <p>10. In application to 403. 1 (19) of the Rules, "deemed necessary" means the cases as specified in Ch 1, 801. 2 of the Guidance. (2018) [See Rule]</p> <p>11. <omitted></p> <p>404. Fire-extinguishing appliances [See Rule] <u>In application to 404. of the Rules, "the Guidance" means the requirements specified in 302. of the Guidance.</u></p>	<p style="text-align: center;"><Guidances></p> <p>9. In application to 403. 1 (14) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance. (2018) [See Rule]</p> <p>10. In application to 403. 1 (19) of the Rules, "deemed necessary" means the cases as specified in Ch 1, 801. 2 of the Guidance. (2018) [See Rule]</p> <p>5. 11. <same as the current Guidances></p> <p>404. Fire-extinguishing appliances [See Rule] In application to 404. of the Rules, "the Guidance" means the requirements specified in 302. of the Guidance.</p>	<p>- Deleted after moving into Rules</p> <p>- Adjusting No.</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉 Section 5-2 Special Survey (Additional Requirements to Ship Types)</p> <p>The Special Survey(Additional requirements to ship types), in addition to the requirements for Intermediate Survey, shall be carried out as follows.</p> <p>1. Oil tankers(including tankers) :</p> <p>The additional requirements are to be surveyed as follows,</p> <p>(4) All piping systems in the spaces, cargo oil pipes on weather deck, breather valves, flame screens on vents, purge systems, gas free systems, inert gas systems and other piping systems are to be examined. When <u>considered necessary by the Surveyor</u>, pressure tests and/or gaugings for pipings are to be carried out. (2020) [See Guidance] <u>〈Note newly added〉</u></p> <p>(5) For inert gas system, the following items are to be examined, <u>when appropriate</u>, opened-up. [See Guidance] (A) Major parts of inert gas scrubbers. (B) Major parts of inert gas blowers. (C) Major parts of non-return devices(e.g., deck water seal). (D) Major parts of flue gas isolating valves. (E) Major parts of P/V breakers. <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉 Section 5-2 Special Survey (Additional Requirements to Ship Types)</p> <p>The Special Survey(Additional requirements to ship types), in addition to the requirements for Intermediate Survey, shall be carried out as follows.</p> <p>1. Oil tankers(including tankers) :</p> <p>The additional requirements are to be surveyed as follows,</p> <p>(4) All piping systems in the spaces, cargo oil pipes on weather deck, breather valves, flame screens on vents, purge systems, gas free systems, inert gas systems and other piping systems are to be examined. When <u>“considered necessary by the Surveyor”</u>, pressure tests and/or gaugings for pipings are to be carried out. (2023) —[See Guidance]— <u>Note : The term “considered necessary by the Surveyor” means the cases as specified in Ch 1, 801. 3 and/or 4 of the Guidance.</u></p> <p>(5) For inert gas system, the following items are to be examined, <u>“when appropriate”</u>, opened-up. (2023) —[See Guidance]— (A) Major parts of inert gas scrubbers. (B) Major parts of inert gas blowers. (C) Major parts of non-return devices(e.g., deck water seal). (D) Major parts of flue gas isolating valves. (E) Major parts of P/V breakers. <u>Note : The term “when appropriate” means the cases as specified in Ch 1, 801. 6 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉 Section 5-2 Special Survey (Additional Requirements to Ship Types)</p> <p>1. In application to Sec 5-2, 1 (4) of the Rules, the term “considered necessary by the Surveyor” means the cases as specified in Ch 1, 801. 3 and/or 4 of the Guidance. [See Rule]</p> <p>2. In application to Sec 5-2, 1 (5) of the Rules, the term “when appropriate” means the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉 Section 5-2 Special Survey (Additional Requirements to Ship Types)</p> <p>1. In application to Sec 5-2, 1 (4) of the Rules, the term “considered necessary by the Surveyor” means the cases as specified in Ch 1, 801. 3 and/or 4 of the Guidance. [See Rule]</p> <p>2. In application to Sec 5-2, 1 (5) of the Rules, the term “when appropriate” means the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>3. Liquefied gas carriers :</p> <p>The additional requirements are to be surveyed as follows,</p> <p>(1) Cargo containment survey</p> <p>(B) Special attention is to be paid to the cargo tank and insulation in way of chocks, supports, keys and other parts which consist of the foundation of tanks. Removal of insulation may be required in order to verify the condition of the tank or the insulation itself if found necessary by the Surveyor. Where the arrangement is such that the insulation cannot be examined, the surrounding structure of the wing tanks, double bottom tanks and cofferdams are to be examined for cold spots when the cargo tanks are in the cold condition unless voyage record together with the instrumentation give sufficient evidence of the integrity of the insulation system. [See Guidance]</p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>3. Liquefied gas carriers :</p> <p>The additional requirements are to be surveyed as follows,</p> <p>(1) Cargo containment survey</p> <p>(B) Special attention is to be paid to the cargo tank and insulation in way of chocks, supports, keys and other parts which consist of the foundation of tanks. Removal of insulation may be required in order to verify the condition of the tank or the insulation itself if found necessary by the Surveyor. Where the arrangement is such that the insulation cannot be examined, the surrounding structure of the wing tanks, double bottom tanks and cofferdams are to be examined for cold spots when the cargo tanks are in the cold condition unless voyage record together with the instrumentation give sufficient evidence of the integrity of the insulation system. <u>(2023)</u> —[See Guidance]—</p> <p><u>Note : The Surveyor is to consider the following items and so on when require to remove insulations.</u></p> <p><u>1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</u></p> <p><u>2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</u></p> <p><u>3) where wastage is evident or suspect</u></p> <p><u>4) where considered to be prone to rapid wastage</u></p>	<p>– Introduced from Guidances</p> <p>–</p>
<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to <u>Sec 5-2, 3</u> (1) (B) of the Rules, the Surveyor is to consider following items and so on when require to remove insulations. [See Rule]</p> <p><u>(1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</u></p> <p><u>(2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</u></p> <p><u>(3) where wastage is evident or suspect</u></p> <p><u>(4) where considered to be prone to rapid wastage</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to <u>Sec 5-2, 3</u> (1) (B) of the Rules, the Surveyor is to consider following items and so on when require to remove insulations. —[See Rule]—</p> <p>(1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</p> <p>(2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</p> <p>(3) where wastage is evident or suspect</p> <p>(4) where considered to be prone to rapid wastage</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">⟨Rules⟩</p> <p>(C) Non-destructive test —[See Guidance]— Non-destructive testing is to supplement cargo tank inspection with special attention to be given to the integrity of the main structural members, tank shell and highly stressed parts, including welded connection as <u>deemed necessary by the Surveyor</u>. However, for type C tanks, this does not mean that non-destructive testing can be dispensed with totally. The following items are, inter alia, considered as highly stressed parts:</p> <ul style="list-style-type: none"> – cargo tank supports and anti-rolling/anti-pitching devices – web frames or stiffening rings – swash bulkhead boundaries – dome and stump connections to tank shell – foundations for pumps, towers, ladders, etc. – pipe connections <p>For the independent tank type B, the extent of non-destructive testing shall be given in a programme specially prepared for the cargo tank design. <u>⟨Note newly added⟩</u></p> <p>(4) The pressure/vacuum relief valve, rupture disc and other pressure relief devices for interbarrier spaces and hold spaces are to be opened, tested and readjusted as necessary, depending on their design. <u>[See Guidance]</u> <u>⟨Note newly added⟩</u></p>	<p style="text-align: center;">⟨Rules⟩</p> <p>(C) Non-destructive test <u>(2023)</u> <u>[See Guidance]</u> Non-destructive testing is to supplement cargo tank inspection with special attention to be given to the integrity of the main structural members, tank shell and highly stressed parts, including welded connection as <u>"deemed necessary by the Surveyor"</u>. However, for type C tanks, this does not mean that non-destructive testing can be dispensed with totally. The following items are, inter alia, considered as highly stressed parts:</p> <ul style="list-style-type: none"> – cargo tank supports and anti-rolling/anti-pitching devices – web frames or stiffening rings – swash bulkhead boundaries – dome and stump connections to tank shell – foundations for pumps, towers, ladders, etc. – pipe connections <p>For the independent tank type B, the extent of non-destructive testing shall be given in a programme specially prepared for the cargo tank design. <u>Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 of the Guidance.</u></p> <p>(4) The pressure/vacuum relief valve, rupture disc and other pressure relief devices for interbarrier spaces and hold spaces are to be opened, tested and readjusted as necessary, depending on their design. <u>(2023)</u> —[See Guidance]— <u>Note : The term "as necessary" means the cases as specified in Ch 1, 801. 6 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">⟨Guidances⟩</p> <p><u>4. In application to Sec 5-2, 3 (1) (C) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 of the Guidance. [See Rule]</u></p> <p><u>5. In application to Sec 5-2, 3 (4) of the Rules, the term "as necessary" means the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</u></p>	<p style="text-align: center;">⟨Guidances⟩</p> <p><u>4. In application to Sec 5-2, 3 (1) (C) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 of the Guidance. [See Rule]</u></p> <p><u>5. In application to Sec 5-2, 3 (4) of the Rules, the term "as necessary" means the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>(6) Piping systems (A) The cargo, liquid nitrogen and process piping systems, including valves, actuators, compensators etc. are to be opened for examination as deemed necessary. Insulation is to be removed as deemed necessary to ascertain the condition of the pipes. If the visual examination raises doubt as to the integrity of the pipelines, a pressure test at 1.25 times the MARVS for the pipeline is to be carried out. After reassembly the complete piping systems are to be tested for leaks. [See Guidance] <u>〈Note newly added〉</u></p> <p>(8) Miscellaneous (A) Systems for removal of water or cargo from interbarrier spaces and holds are to be examined and tested as <u>deemed necessary</u>. [See Guidance] <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>(6) Piping systems (A) The cargo, liquid nitrogen and process piping systems, including valves, actuators, compensators etc. are to be opened for examination as deemed necessary. Insulation is to be removed as deemed necessary to ascertain the condition of the pipes. If the visual examination raises doubt as to the integrity of the pipelines, a pressure test at 1.25 times the MARVS for the pipeline is to be carried out. After reassembly the complete piping systems are to be tested for leaks. <u>(2023)</u> [See Guidance] <u>Note :</u> <u>The Surveyor is to consider the following items and so on when require to remove insulations.</u> <u>1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</u> <u>2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</u> <u>3) where wastage is evident or suspect</u> <u>4) where considered to be prone to rapid wastage</u></p> <p>(8) Miscellaneous (A) Systems for removal of water or cargo from interbarrier spaces and holds are to be examined and tested as <u>"deemed necessary"</u>. <u>(2023)</u> [See Guidance] <u>Note : The term "deemed necessary" means the cases as specified in Ch 1, 801. 1 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>6. In application to Sec 5-2, 3 (6) (A) of the Rules, the Surveyor is to consider following items and so on when require to remove insulations. [See Rule] <u>(1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</u> <u>(2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</u> <u>(3) where wastage is evident or suspect</u> <u>(4) where considered to be prone to rapid wastage</u></p> <p>7. In application to Sec 5-2, 3 (8) (A) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 1 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>6. In application to Sec 5-2, 3 (6) (A) of the Rules, the Surveyor is to consider following items and so on when require to remove insulations. [See Rule] <u>(1) where abnormality such as record or indication of abnormal deterioration, etc. is suspect</u> <u>(2) where substantial corrosion, significant deformation, fracture, damage or other defect is evident or suspect</u> <u>(3) where wastage is evident or suspect</u> <u>(4) where considered to be prone to rapid wastage</u></p> <p>7. In application to Sec 5-2, 3 (8) (A) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 1 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">Section 6 Docking Survey</p> <p style="text-align: center;">603. Requirements of survey</p> <p>3. Rudder, rudder pintles, rudder shafts and couplings and stern frame are to be examined. If <u>considered necessary by the Surveyor</u>, the rudder is to be lifted or the inspection plates removed for the examination of pintles. The clearance in the rudder bearings is to be ascertained and recorded. If it exceeds the values given below, the bush is to be adjusted. Where applicable, pressure test of the rudder may be required <u>as deemed necessary by the Surveyor</u>. [See Guidance]</p> <p style="text-align: center;"><u><Note newly added></u></p> <p style="text-align: center;"><u><Table omitted></u></p>	<p style="text-align: center;">Section 6 Docking Survey</p> <p style="text-align: center;">603. Requirements of survey</p> <p>3. Rudder, rudder pintles, rudder shafts and couplings and stern frame are to be examined. If <u>"considered necessary by the Surveyor"</u>, the rudder is to be lifted or the inspection plates removed for the examination of pintles. The clearance in the rudder bearings is to be ascertained and recorded. If it exceeds the values given below, the bush is to be adjusted. Where applicable, pressure test of the rudder may be required <u>"as deemed necessary"</u> by the Surveyor. <u>(2023)</u> [See Guidance]</p> <p><u>Note :</u></p> <p>1) <u>The term "considered necessary by the Surveyor" in that "If considered necessary by the Surveyor, the rudder is to be lifted or the inspection plates removed for the examination of pintles." means the cases as specified in Ch 1, 801. 1 of the Guidance.</u></p> <p>2) <u>The term "as deemed necessary" in that "the pressure test of the rudder may be required as deemed necessary by the Surveyor." means the case which repair work relating with the air tightness of rudder is done and/or the cases as specified in Ch 1, 801. 1 of the Guidance.</u></p> <p><u><For Table, same as the current Rules></u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">Section 6 Docking Survey</p> <p style="text-align: center;">603. Requirements of survey (2021)</p> <p>1. In application to 603. 3 of the Rules, the term <u>"considered necessary by the Surveyor" in that "If considered necessary by the Surveyor, the rudder is to be lifted or the inspection plates removed for the examination of pintles." means the cases as specified in Ch 1, 801. 1 of the Guidance.</u> [See Rule]</p> <p>2. In application to 603. 3 of the Rules, the term <u>"as deemed necessary" in that "the pressure test of the rudder may be required as deemed necessary by the Surveyor." means the case which repair work relating with the air tightness of rudder is done and/or the cases as specified in Ch 1, 801. 1 of the Guidance.</u> [See Rule]</p>	<p style="text-align: center;">Section 6 Docking Survey</p> <p style="text-align: center;">603. Requirements of survey (2021)</p> <p>1. In application to 603. 3 of the Rules, the term <u>"considered necessary by the Surveyor" in that "If considered necessary by the Surveyor, the rudder is to be lifted or the inspection plates removed for the examination of pintles." means the cases as specified in Ch 1, 801. 1 of the Guidance.</u> [See Rule]</p> <p>2. In application to 603. 3 of the Rules, the term <u>"as deemed necessary" in that "the pressure test of the rudder may be required as deemed necessary by the Surveyor." means the case which repair work relating with the air tightness of rudder is done and/or the cases as specified in Ch 1, 801. 1 of the Guidance.</u> [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>4. Sea chests and their gratings, sea connections and overboard discharge valves and cocks and their fastenings to the hull or sea chests are to be examined. Valves and cocks could be opened up at Docking Survey as a part of Special Survey unless <u>considered necessary by the Surveyor</u>. [See Guidance]</p> <p>〈Note newly added〉</p> <p>5. The propeller is to be examined. The efficiency of the oil gland, if fitted, is to be ascertained and clearance or wear down in the stern bush are to be measured. For controllable pitch propellers and special type propellers, the sealing and tightness conditions are to be ascertained and recorded. In the case where the pitch control device is fitted, it is to be ascertained that the device is in good working order. However, if <u>considered necessary by the Surveyor</u>, the device is to be opened up for further examination. [See Guidance]</p> <p>〈Note newly added〉</p> <p>9. For ships with EDD notation, the requirements to assign the EDD notation specified in 605. 2. are to be confirmed for continuing compliance. <i>(2020)</i> [See Guidance]</p> <p>〈Note newly added〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>4. Sea chests and their gratings, sea connections and overboard discharge valves and cocks and their fastenings to the hull or sea chests are to be examined. Valves and cocks could be opened up at Docking Survey as a part of Special Survey unless <u>“considered necessary by the Surveyor”</u>. <i>(2023)</i> [See Guidance]</p> <p>Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance.</p> <p>5. The propeller is to be examined. The efficiency of the oil gland, if fitted, is to be ascertained and clearance or wear down in the stern bush are to be measured. For controllable pitch propellers and special type propellers, the sealing and tightness conditions are to be ascertained and recorded. In the case where the pitch control device is fitted, it is to be ascertained that the device is in good working order. However, if <u>“considered necessary by the Surveyor”</u>, the device is to be opened up for further examination. <i>(2023)</i> [See Guidance]</p> <p>Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance.</p> <p>9. For ships with EDD notation, the requirements to assign the EDD notation specified in 605. 2. are to be confirmed for continuing compliance. <i>(2023)</i> [See Guidance]</p> <p>Note : In case ships are subject to “Extended Dry-docking Interval System” which have been carried out In-water Survey in lieu of Docking Survey during Special Surveys, the requirements specified in 403. 1 (3) are to be carried out.</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 603. 4 and 5 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</p> <p>4. In addition to 603. 9 of the Rules, in case ships are subject to “Extended Dry-docking Interval System” which have been carried out In-water Survey in lieu of Docking Survey during Special Surveys, the requirements specified in 403. 1 (3) of the Rules are to be carried out. [See Rule] <i>(2020)</i></p>	<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 603. 4 and 5 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 6 of the Guidance. [See Rule]</p> <p>4. In addition to 603. 9 of the Rules, in case ships are subject to “Extended Dry-docking Interval System” which have been carried out In-water Survey in lieu of Docking Survey during Special Surveys, the requirements specified in 403. 1 (3) of the Rules are to be carried out. [See Rule] <i>(2020)</i></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>604. In-water Survey</p> <p>3. Where an In-water Survey in lieu of the intermediate docking between Special Surveys is desired, the survey procedures are as follows:</p> <p>(7) Further surveys</p> <p>(a) The Surveyor may require the further examination such as internal examinations, thickness measurement, etc. where <u>deemed necessary by the Surveyor</u> as a result of the In-water Survey <u>[See Guidance]</u></p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>604. In-water Survey</p> <p>3. Where an In-water Survey in lieu of the intermediate docking between Special Surveys is desired, the survey procedures are as follows:</p> <p>(7) Further surveys</p> <p>(a) The Surveyor may require the further examination such as internal examinations, thickness measurement, etc. where <u>"deemed necessary by the Surveyor"</u> as a result of the In-water Survey <u>(2023)</u> –[See Guidance]–</p> <p><u>Note : The term "deemed necessary by the Surveyor" means the cases where the damage of internal structural member is evident or suspect, the cases as specified in Ch 1, 801. 3 and/or 6 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>604. In-water Survey (2021)</p> <p>1. In application to 604. 3 (7) (a) of the Rules, the term <u>"deemed necessary by the Surveyor"</u> means the cases where the damage of internal structural member is evident or suspect, the cases as specified in Ch 1, 801. 3 and/or 6 of the Guidance. <u>[See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>604. In-water Survey (2021)</p> <p>1. In application to 604. 3 (7) (a) of the Rules, the term <u>"deemed necessary by the Surveyor"</u> means the cases where the damage of internal structural member is evident or suspect, the cases as specified in Ch 1, 801. 3 and/or 6 of the Guidance. <u>[See Rule]</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;"><Rules></p> <p>605. Extended Dry-docking Interval System</p> <p>1. General</p> <p>(3) In application to 601. 1, at the request of the Owners, where <u>deemed appropriate by the Society</u> considering survey history, damage history and coating conditions, etc. it is possible until the ship reaches 15 years of age to perform the first and second Docking Survey due from the completion date of the Classification Survey during Construction or the completion date of the previous Docking Survey as an In-water Survey, and the third Docking Survey has to be performed in dry-dock or on a slipway within 7.5 years from the completion date of the Classification Survey during Construction or the completion date of the previous Docking Survey. [See Guidance] <u><Note newly added></u></p> <p>(6) The Society reserves the right to suspend the "Extended Dry-docking Interval System" at any time if it is determined that a dry-docking is necessary. [See Guidance] <u><Note newly added></u></p>	<p style="text-align: center;"><Rules></p> <p>605. Extended Dry-docking Interval System</p> <p>1. General</p> <p>(3) In application to 601. 1, at the request of the Owners, where <u>"deemed appropriate by the Society"</u> considering survey history, damage history and coating conditions, etc. it is possible until the ship reaches 15 years of age to perform the first and second Docking Survey due from the completion date of the Classification Survey during Construction or the completion date of the previous Docking Survey as an In-water Survey, and the third Docking Survey has to be performed in dry-dock or on a slipway within 7.5 years from the completion date of the Classification Survey during Construction or the completion date of the previous Docking Survey. <u>(2023)</u> –[See Guidance]– <u>Note : The term "deemed appropriate by the Society" means the cases where all requirements specified in 605. of the Rules are comply with.</u></p> <p>(6) The Society reserves the right to suspend the "Extended Dry-docking Interval System" at any time <u>"if it is determined that a dry-docking is necessary."</u> <u>(2023)</u> –[See Guidance]– <u>Note : The term "if it is determined that a dry-docking is necessary" means the following cases and so on.</u> <u>1) ~ 4) <same as the current Guidances></u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;"><Guidances></p> <p>605. Extended Dry-docking Interval System</p> <p>1. In application to 605. 1 (3) of the Rules, the term "deemed appropriate by the Society" means the cases where all requirements specified in 605. of the Rules are comply with. [See Rule]</p> <p>2. In application to 605. 1 (6) of the Rules, the term "if it is determined that a dry-docking is necessary" means the following cases and so on. [See Rule]</p> <p>(1) where the necessary requirements for Extended Dry-docking Interval System are not comply with 605. 2 of the Rules. <u>(2021)</u></p> <p>(2) where Docking Survey is necessary from the result of In-water Survey reveals damage or deterioration that requires repairs that affect the vessel's fitness for continued service. <u>(2021)</u></p> <p>(3) where withdrawal for application of the Extended Dry-docking Interval System is requested by the Owner</p> <p>(4) where Docking Survey is necessary from the results of reconsideration for application of the approved Extended Dry-docking Interval System where the Owner or flag is changed</p>	<p style="text-align: center;"><Guidances></p> <p>605. Extended Dry-docking Interval System</p> <p>1. In application to 605. 1 (3) of the Rules, the term "deemed appropriate by the Society" means the cases where all requirements specified in 605. of the Rules are comply with. –[See Rule]–</p> <p>2. In application to 605. 1 (6) of the Rules, the term "if it is determined that a dry-docking is necessary" means the following cases and so on. –[See Rule]–</p> <p>(1) ~ (4) <Same as the current Guidances></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 10 Occasional Survey</p> <p>1001.Occasional Survey (2022) [See Guidance]</p> <p>All classed ships are to be subjected to Occasional Surveys when they fall under either of the following conditions at the periods other than those of Periodical Survey: <i>(2022)</i></p> <p>(1) ~ (7) 〈omitted〉.</p> <p>(8) Other cases where surveys are designated or whenever survey is <u>deemed necessary by the Surveyor</u>.</p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 10 Occasional Survey</p> <p>1001.Occasional Survey [See Guidance]</p> <p>All classed ships are to be subjected to Occasional Surveys when they fall under either of the following conditions at the periods other than those of Periodical Survey: <i>(2022)</i></p> <p>(1) ~ (7) 〈same as the current Rules〉.</p> <p>(8) Other cases where surveys are designated or whenever survey is <u>"deemed necessary by the Surveyor"</u>.</p> <p><u>Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 1 of the Guidance. <i>(2023)</i></u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">Section 10 Occasional Survey</p> <p>1001. Occasional Survey (2022) [See Rule]</p> <p><u>1. ~ 3. 〈omitted〉</u></p> <p><u>4. The term "deemed necessary by the Surveyor" in (8) of the Rules means the cases as specified in Ch 1, 801. 1 of the Guidance. <i>(2022)</i></u></p>	<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">Section 10 Occasional Survey</p> <p>1001. Occasional Survey (2023) [See Rule]</p> <p><u>1. ~ 3. 〈same as the current Guidances〉</u></p> <p><u>4. The term "deemed necessary by the Surveyor" in (8) of the Rules means the cases as specified in Ch 1, 801. 1 of the Guidance. <i>(2022)</i></u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉 Section 12 Alteration Survey</p> <p>1203. Items of survey</p> <p>2. <u>Where a complete replacement or addition of a major portion of the ship(see Footnote below) is involved at the alteration, the Date of Build(i.e. the year, month and date at which the alteration survey is completed) associated with each altered major portion of the ship shall be indicated, where it has been agreed between the Society and the Owner that the newer structure shall be on a different survey cycle, in the Certificate of Classification in addition to the Date of Build assigned to the ship, and survey requirements for each altered major portion of the ship shall be based on this Date of Build. Such survey due dates may be aligned with ships survey due date at the discretion of the Society. [See Guidance]</u></p> <p>〈Footnote〉</p> <p>For example, a major portion of the ship may include a complete forward or after section, a complete main cargo section (which may include a complete hold/tank of a cargo ship), a complete block of deck structure of a passenger ship or a structural modification of a single hull to a double hull ship.</p>	<p style="text-align: center;">〈Rules〉 Section 12 Alteration Survey</p> <p>1203. Items of survey</p> <p>2. <u>"Where a complete replacement or addition of a major portion of the ship(see Footnote below) is involved at the alteration", the Date of Build(i.e. the year, month and date at which the alteration survey is completed) associated with each altered major portion of the ship shall be indicated, where it has been agreed between the Society and the Owner that the newer structure shall be on a different survey cycle, in the Certificate of Classification in addition to the Date of Build assigned to the ship, and survey requirements for each altered major portion of the ship shall be based on this Date of Build. Such survey due dates may be aligned with ships survey due date at the discretion of the Society. <i>(2023)</i> [See Guidance]</u></p> <p>〈Footnote〉 ;</p> <p><u>"Where a complete replacement or addition of a major portion of the ship is involved at the alteration" means the case one or more whole compartments are completely replaced or added, and it is to be applied to this compartment. <i>(2023)</i></u></p> <p>For example, a major portion of the ship may include a complete forward or after section, a complete main cargo section (which may include a complete hold/tank of a cargo ship), a complete block of deck structure of a passenger ship or a structural modification of a single hull to a double hull ship.</p>	<p>- Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉 Section 12 Alteration Survey</p> <p>1203. Items of survey [See Rule]</p> <p><u>In application to 1203. 2 of the Rules, "Where a complete replacement or addition of a major portion of the ship is involved at the alteration" means the case one or more whole compartments are completely replaced or added, and it is to be applied to this compartment.</u></p>	<p style="text-align: center;">〈Guidances〉 Section 12 Alteration Survey</p> <p>1203. Items of survey [See Rule]</p> <p>In application to 1203. 2 of the Rules, "Where a complete replacement or addition of a major portion of the ship is involved at the alteration" means the case one or more whole compartments are completely replaced or added, and it is to be applied to this compartment.</p>	<p>- Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 13 Survey of Ships Carrying Dangerous Goods and Other Special Cargoes</p> <p>1301. Surveys <u>[See Guidance]</u></p> <p>For surveys of ships carrying dangerous goods and other special cargoes, the Society may request to apply, in addition to the Rules, <i>Korean Ship Safety Act</i>, related international conventions and other regulations as deemed appropriate.</p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 13 Survey of Ships Carrying Dangerous Goods and Other Special Cargoes</p> <p>1301. Surveys <u>(2023)</u> –[See Guidance]–</p> <p>For surveys of ships carrying dangerous goods and other special cargoes, the Society may request to apply, in addition to the Rules, <i>Korean Ship Safety Act</i>, related international conventions and other regulations as deemed appropriate.</p> <p><u>Note : The term "other regulations as deemed appropriate" means the following requirements and so on.</u></p> <ol style="list-style-type: none"> <u>1) International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk : IBC Code</u> <u>2) International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk : IGC Code</u> <u>3) International Maritime Dangerous Goods Code : IMDG Code</u> <u>4) International Code for the Safe Carriage of Packaged Irradiated Unclear Fuel, Plutonium and High-level Radioactive Wastes on board ships : INF Code</u> 	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;"><u>Section 13 Survey of Ships Carrying Dangerous Goods and Other Special Cargoes</u></p> <p><u>1301. Surveys [See Rule]</u></p> <p>In application to 1301. of the Rules, the term "other regulations as deemed appropriate" means the following requirements and so on.</p> <ol style="list-style-type: none"> <u>(1) International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk : IBC Code</u> <u>(2) International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk : IGC Code</u> <u>(3) International Maritime Dangerous Goods Code : IMDG Code</u> <u>(4) International Code for the Safe Carriage of Packaged Irradiated Unclear Fuel, Plutonium and High-level Radioactive Wastes on board ships : INF Code</u> 	<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">Section 13 Survey of Ships Carrying Dangerous Goods and Other Special Cargoes</p> <p>1301. Surveys [See Rule]</p> <p>In application to 1301. of the Rules, the term "other regulations as deemed appropriate" means the following requirements and so on.</p> <ol style="list-style-type: none"> (1) International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk : IBC Code (2) International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk : IGC Code (3) International Maritime Dangerous Goods Code : IMDG Code (4) International Code for the Safe Carriage of Packaged Irradiated Unclear Fuel, Plutonium and High-level Radioactive Wastes on board ships : INF Code 	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>Section 15 Hull Surveys for General Dry Cargo Ships</p> <p>1501. General</p> <p>1. Application</p> <p>(3) The requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when substantial corrosion and/or structural defects are found and include additional Close-up Survey <u>when necessary</u>. [See Guidance] <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>Section 15 Hull Surveys for General Dry Cargo Ships</p> <p>1501. General</p> <p>1. Application</p> <p>(3) The requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when substantial corrosion and/or structural defects are found and include additional Close-up Survey <u>"when necessary"</u>. <u>(2023)</u> [See Guidance] <u>Note : The term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>Section 15 Hull Surveys for General Dry Cargo Ships</p> <p>1501. General [See Rule]</p> <p><u>In application to 1501. 1 (3) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>Section 15 Hull Surveys for General Dry Cargo Ships</p> <p>1501. General [See Rule]</p> <p>In application to 1501. 1 (3) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>1502. Annual Survey</p> <p>5. Examination of cargo holds</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>(NOTES)</p> <p>3) When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements is to be carried out before the Annual Survey is credited as completed. [See Guidance]</p> </div> <p>6. Examination of ballast tanks (2021) [See Guidance]</p> <p>Examination of "ballast tanks when required" as a consequence of the results of the Special Survey and Intermediate Survey is to be carried out. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, then the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements are to be carried out before the Annual Survey is credited as completed.</p> <p>Note : the term "ballast tanks when required" means the ballast tanks which are assigned to be internally examined at annual intervals from the results of Intermediate Survey or Special Survey.</p>	<p style="text-align: center;">〈Rules〉</p> <p>1502. Annual Survey</p> <p>5. Examination of cargo holds</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>(NOTES)</p> <p>3) When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements is to be carried out before the Annual Survey is credited as completed. <u>Where the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u> [See Guidance]</p> </div> <p>6. Examination of ballast tanks (2023) [See Guidance]</p> <p>Examination of "ballast tanks when required" as a consequence of the results of the Special Survey and Intermediate Survey is to be carried out. When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, then the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements are to be carried out before the Annual Survey is credited as completed.</p> <p>Note : 1) The term "ballast tanks when required" means the ballast tanks which are assigned to be internally examined at annual intervals from the results of Intermediate Survey or Special Survey.</p> <p style="padding-left: 40px;">2) <u>The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>1502. Annual Survey (2021)</p> <p>1. In application to 1502. 5 Table NOTES 3) of the Rules, the term <u>"considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p> <p>2. In application to 1502. 6 of the Rules, the term <u>"considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>1502. Annual Survey (2021)</p> <p>1. In application to 1502. 5 Table NOTES 3) of the Rules, the term <u>"considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p> <p>2. In application to 1502. 6 of the Rules, the term <u>"considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>1503. Intermediate Survey</p> <p>1. General</p> <p>(4) Ships over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 1504., except for item 2. 3) in column for Special Survey No. 4 and Subsequent of Table 1.2.9. (Caution : In this case, the requirements specified in 403. are not need to be applied unless specially required in 1504.) However, tank testing specified in 1504. 6, survey of automatic air pipe heads(See Notes in 1504. 1 (6) and 1504. 4 (4)) and internal examination of fuel oil, lube oil and fresh water tanks(See 1504. 4 (1)) are not required unless deemed necessary by the attending Surveyor. <u>[See Guidance]</u></p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>1503. Intermediate Survey</p> <p>1. General</p> <p>(4) Ships over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 1504., except for item 2. 3) in column for Special Survey No. 4 and Subsequent of Table 1.2.9. (Caution : In this case, the requirements specified in 403. are not need to be applied unless specially required in 1504.) However, tank testing specified in 1504. 6, survey of automatic air pipe heads(See Notes in 1504. 1 (6) and 1504. 4 (4)) and internal examination of fuel oil, lube oil and fresh water tanks(See 1504. 4 (1)) are not required unless deemed necessary by the attending Surveyor. <u>(2023)</u> [See Guidance]</p> <p><u>Note : The Surveyor is to consider the cases specified in Ch 1, 801. 6 of the Guidance when requiring the internal examination.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>1503. Intermediate Survey</p> <p><u>1. In application to 1503. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 6 of the Guidance when require the internal examination. [See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>1503. Intermediate Survey</p> <p>1. In application to 1503. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 6 of the Guidance when require the internal examination. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">⟨Rules⟩</p> <p>2. Examination of ballast tanks</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>3) In ballast tanks other than double bottom ballast tanks, where a hard protective coating is found in POOR condition, and it is not renewed, where soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question are to be examined and thickness measurements carried out as <u>considered necessary</u> at annual intervals. When such breakdown of hard protective coating is found in double bottom ballast tanks, where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied, the tanks in question may be examined at annual intervals. When <u>considered necessary by the attending Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. [See Guidance]</p> </div> <p>3. Examination of cargo holds</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>1) When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, then the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements are to be carried out before the survey is credited as completed. [See Guidance]</p> </div>	<p style="text-align: center;">⟨Rules⟩</p> <p>2. Examination of ballast tanks</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>3) In ballast tanks other than double bottom ballast tanks, where a hard protective coating is found in POOR condition, and it is not renewed, where soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question are to be examined and thickness measurements carried out as <u>"considered necessary"</u> at annual intervals. When such breakdown of hard protective coating is found in double bottom ballast tanks, where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied, the tanks in question may be examined at annual intervals. When <u>"considered necessary by the attending Surveyor"</u>, or where extensive corrosion exists, thickness measurements are to be carried out. <u>Where the term "considered necessary" and "considered necessary by the attending Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u> {See Guidance}</p> </div> <p>3. Examination of cargo holds</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>1) When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurements are to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, then the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements are to be carried out before the survey is credited as completed. <u>Where the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u> {See Guidance}</p> </div>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">⟨Guidances⟩</p> <p>2. In application to 1503. 2 Table NOTES 3) of the Rules, the term "<u>considered necessary</u>" and "<u>considered necessary by the attending Surveyor</u>" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>3. In application to 1503. 3 Table NOTES 1) of the Rules, the term "<u>considered necessary by the Surveyor</u>" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p style="text-align: center;">⟨Guidances⟩</p> <p>2. In application to 1503. 2 Table NOTES 3) of the Rules, the term "considered necessary" and "considered necessary by the attending Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>3. In application to 1503. 3 Table NOTES 1) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>1504. Special Survey</p> <p>2. Tank protection</p> <p>(1) Where provided, the condition of the corrosion prevention system of ballast tanks is to be examined. For ballast tanks, excluding double bottom ballast tanks, where a hard protective coating is found in POOR condition and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question are to be examined at annual intervals. Thickness measurements are to be carried out as <u>deemed necessary by the Surveyor</u>. [See Guidance] 〈Note newly added〉</p> <p>(2) When such breakdown of hard protective coating is found in double bottom ballast tanks and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question may be examined at annual intervals. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. [See Guidance] 〈Note newly added〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>1504. Special Survey</p> <p>2. Tank protection</p> <p>(1) Where provided, the condition of the corrosion prevention system of ballast tanks is to be examined. For ballast tanks, excluding double bottom ballast tanks, where a hard protective coating is found in POOR condition and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question are to be examined at annual intervals. Thickness measurements are to be carried out as <u>"deemed necessary by the Surveyor"</u>. (2023) –[See Guidance]– Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</p> <p>(2) When such breakdown of hard protective coating is found in double bottom ballast tanks and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question may be examined at annual intervals. When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurements are to be carried out. (2023) –[See Guidance]– Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>1504. Special Survey (2021)</p> <p>1. In application to 1504. 2 (1) of the Rules, the term <u>"deemed necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>2. In application to 1504. 2 (2) of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>1504. Special Survey (2021)</p> <p>1. In application to 1504. 2 (1) of the Rules, the term <u>"deemed necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. –[See Rule]–</p> <p>2. In application to 1504. 2 (2) of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. –[See Rule]–</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>5. Extent of thickness measurement (2017)</p> <p>(2) The Surveyor may extend the thickness measurements as <u>deemed necessary</u>. When thickness measurements is to be increased to determine the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. (2017) [See Guidance] <u>〈Note newly added〉</u></p> <p>6. Extent of tank testing</p> <p>(2) The Surveyor may extend the tank testing as <u>deemed necessary</u>. [See Guidance] <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>5. Extent of thickness measurement (2017)</p> <p>(2) The Surveyor may extend the thickness measurements as <u>“deemed necessary”</u>. When thickness measurements is to be increased to determine the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. (2023) —[See Guidance]— <u>Note : The term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p> <p>6. Extent of tank testing</p> <p>(2) The Surveyor may extend the tank testing as <u>“deemed necessary”</u>. (2023) —[See Guidance]— <u>Note : The term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 1504. 5 (2) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2017) [See Rule]</p> <p>4. In application to 1504. 6 (2) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. (2017) [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 1504. 5 (2) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2017) —[See Rule]—</p> <p>4. In application to 1504. 6 (2) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. (2017) —[See Rule]—</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;"><Rules></p> <p>Section 16 Hull Surveys for Liquefied Gas Carriers 1601. General 1. Application</p> <p>(3) The requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when substantial corrosion and/or structural defects are found and include additional Close-up Survey <u>when necessary</u>. [See Guidance] <u><Note newly added></u></p> <p>1602. Annual Survey 6. Examination of ballast tanks (2021) [See Guidance]</p> <p>Examination of "ballast tanks when required" as a consequence of the results of the Special Survey and Intermediate Survey is to be carried out. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, then the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements are to be carried out before the Annual Survey is credited as completed.</p> <p>Note : The term "ballast tanks when required" means the ballast tanks which are assigned to be internally examined at annual intervals from the results of Intermediate Survey or Special Survey. <u><Note newly added></u></p>	<p style="text-align: center;"><Rules></p> <p>Section 16 Hull Surveys for Liquefied Gas Carriers 1601. General 1. Application</p> <p>(3) The requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when substantial corrosion and/or structural defects are found and include additional Close-up Survey <u>"when necessary"</u>. (2023) [See Guidance] <u>Note : The term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>1602. Annual Survey 6. Examination of ballast tanks (2023) [See Guidance]</p> <p>Examination of "ballast tanks when required" as a consequence of the results of the Special Survey and Intermediate Survey is to be carried out. When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, then the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. These extended thickness measurements are to be carried out before the Annual Survey is credited as completed.</p> <p>Note : <u>1) The term "ballast tanks when required" means the ballast tanks which are assigned to be internally examined at annual intervals from the results of Intermediate Survey or Special Survey.</u> <u>2) The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;"><Guidances></p> <p>Section 16 Hull Surveys for Liquefied Gas Carriers 1601. General [See Rule]</p> <p><u>In application to 1601. 1 (3) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>1602. Annual Survey (2021) [See Rule]</p> <p><u>1. In application to 1602. 6 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p>	<p style="text-align: center;"><Guidances></p> <p>Section 16 Hull Surveys for Liquefied Gas Carriers 1601. General [See Rule]</p> <p><u>In application to 1601. 1 (3) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>1602. Annual Survey (2021) [See Rule]</p> <p><u>1. In application to 1602. 6 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>1604. Special Survey</p> <p>2. Tank protection</p> <p>(1) Where provided, the condition of the corrosion prevention system of ballast tanks is to be examined. For ballast tanks, excluding double bottom ballast tanks, where a hard protective coating is found in POOR condition and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question are to be examined at annual intervals. Thickness measurements are to be carried out as <u>deemed necessary by the Surveyor.</u> [See Guidance] 〈Note newly added〉</p> <p>(2) When such breakdown of hard protective coating is found in double bottom ballast tanks and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question may be examined at annual intervals. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. [See Guidance] 〈Note newly added〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>1604. Special Survey</p> <p>2. Tank protection</p> <p>(1) Where provided, the condition of the corrosion prevention system of ballast tanks is to be examined. For ballast tanks, excluding double bottom ballast tanks, where a hard protective coating is found in POOR condition and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question are to be examined at annual intervals. Thickness measurements are to be carried out as "deemed necessary by the Surveyor". <i>(2023)</i> [See Guidance] Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</p> <p>(2) When such breakdown of hard protective coating is found in double bottom ballast tanks and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question may be examined at annual intervals. When "considered necessary by the Surveyor", or where extensive corrosion exists, thickness measurements are to be carried out. <i>(2023)</i> [See Guidance] Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>1604. Special Survey</p> <p>1. In application to 1604. 2 (1) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>2. In application to 1604. 2 (2) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>1604. Special Survey</p> <p>1. In application to 1604. 2 (1) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>2. In application to 1604. 2 (2) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>4. Extent of thickness measurement</p> <p>(2) The Surveyor may extend the thickness measurements as <u>deemed necessary</u>. When thickness measurements indicate substantial corrosion, the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. [See Guidance] 〈Note newly added〉</p> <p>5. Extent of tank testing</p> <p>(2) The Surveyor may extend the tank testing as <u>deemed necessary</u>. [See Guidance] 〈Note newly added〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>4. Extent of thickness measurement</p> <p>(2) The Surveyor may extend the thickness measurements as <u>“deemed necessary”</u>. When thickness measurements indicate substantial corrosion, the extent of thickness measurements is to be increased to determine the extent of areas of substantial corrosion. Table 1.2.5 may be used as guidance for these additional thickness measurements. (2023) –[See Guidance]– Note : The term “deemed necessary” means the cases as specified in Ch 1, 801. 3 of the Guidance.</p> <p>5. Extent of tank testing</p> <p>(2) The Surveyor may extend the tank testing as <u>“deemed necessary”</u>. (2023) –[See Guidance]– Note : The term “deemed necessary” means the cases as specified in Ch 1, 801. 4 of the Guidance.</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 1604. 4 (2) of the Rules, the term “deemed necessary” means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>4. In application to 1604. 5 (2) of the Rules, the term “deemed necessary” means the cases as specified in Ch 1, 801. 4 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 1604. 4 (2) of the Rules, the term “deemed necessary” means the cases as specified in Ch 1, 801. 3 of the Guidance. –[See Rule]–</p> <p>4. In application to 1604. 5 (2) of the Rules, the term “deemed necessary” means the cases as specified in Ch 1, 801. 4 of the Guidance. –[See Rule]–</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>Table 1.2.11 Minimum requirements for thickness measurements at Special Survey of Liquefied Gas Carriers</p> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>(NOTES)</p> <p>2) For ships having independent tanks of type C, with a midship section similar to that of a general cargo ship, the extent of thickness measurements may be increased to include the tank top plating at the discretion of the Surveyor. [See Guidance]</p> <p>4) The Surveyor may extend the thickness measurements as <u>deemed necessary</u>. Where substantial corrosion is found, the extent of thickness measurements is to be increased to the satisfaction of the Surveyor. [See Guidance]</p> </div>	<p style="text-align: center;">〈Rules〉</p> <p>Table 1.2.11 Minimum requirements for thickness measurements at Special Survey of Liquefied Gas Carriers</p> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>(NOTES)</p> <p>2) For ships having independent tanks of type C, with a midship section similar to that of a general cargo ship, the extent of thickness measurements may be increased to include the tank top plating at the discretion of the Surveyor. <u>Where the Surveyor is to consider the cases specified in Ch 1, 801. 3 of the Guidance when require to increase the thickness measurements. (2023)</u> [See Guidance]</p> <p>4) The Surveyor may extend the thickness measurements as <u>"deemed necessary"</u>. Where substantial corrosion is found, the extent of thickness measurements is to be increased to the satisfaction of the Surveyor. <u>Where the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u> [See Guidance]</p> </div>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>5. In application to Table 1.2.11 NOTES 2) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 3 of the Guidance when require to increase the thickness measurements. [See Rule]</p> <p>6. In application to Table 1.2.11 NOTES 4) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>5. In application to Table 1.2.11 NOTES 2) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 3 of the Guidance when require to increase the thickness measurements. [See Rule]</p> <p>6. In application to Table 1.2.11 NOTES 4) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>Section 17 Survey Requirements for Shell and Inner Doors, Etc. of RoRo Ships</p> <p>1702. Annual Survey</p> <p>12. Tightness test <u>[See Guidance]</u></p> <p>A hose test or equivalent is to be carried out. If the visual examination and function test have shown satisfactory results, the tightness test of shell doors on RoRo cargo ships need not be carried out unless considered necessary by the attending Surveyor.</p> <p><u>〈Note newly added〉</u></p> <p>13. NDT and Thickness Measurements <u>[See Guidance]</u></p> <p>When <u>considered necessary by the Surveyor</u>, NDT and thickness measurements may be required after visual examination and function test.</p> <p><u>〈Note newly added〉</u></p> <p>〈Table omitted〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>Section 17 Survey Requirements for Shell and Inner Doors, Etc. of RoRo Ships</p> <p>1702. Annual Survey</p> <p>12. Tightness test <u>(2023)</u> –[See Guidance]–</p> <p>A hose test or equivalent is to be carried out. If the visual examination and function test have shown satisfactory results, the tightness test of shell doors on RoRo cargo ships need not be carried out unless considered necessary by the attending Surveyor.</p> <p><u>Note : The Surveyor is to consider the cases specified in Ch 1, 801. 1 of the Guidance when requiring the tightness test.</u></p> <p>13. NDT and Thickness Measurements <u>(2023)</u> –[See Guidance]–</p> <p>When “considered necessary by the Surveyor”, NDT and thickness measurements may be required after visual examination and function test.</p> <p><u>Note ; The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 and/or 3 of the Guidance.</u></p> <p>〈For Table, same as the current Rules〉</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p><u>Section 17 Survey Requirements for Shell and Inner Doors, Etc. of RoRo Ships</u></p> <p><u>1702. Annual Survey</u></p> <p><u>1. In application to 1702. 12 of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 1 of the Guidance when require the tightness test. [See Rule]</u></p> <p><u>2. In application to 1702. 13 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 and/or 3 of the Guidance. [See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>Section 17 Survey Requirements for Shell and Inner Doors, Etc. of RoRo Ships</p> <p>1702. Annual Survey</p> <p>1. In application to 1702. 12 of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 1 of the Guidance when require the tightness test. [See Rule]</p> <p>2. In application to 1702. 13 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 and/or 3 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;"><Rules></p> <p style="text-align: center;">CH 3 HULL SURVEYS OF SHIPS SUBJECT TO THE ENHANCED SURVEY PROGRAMME</p> <p style="text-align: center;">Section 1 General</p> <p>102. Preparations for survey</p> <p>4. Equipment for survey</p> <p>(2) One or more of the following fracture detection procedures may be required if <u>deemed necessary by the Surveyor</u>: [See Guidance]</p> <p>(A) radiographic equipment (B) ultrasonic equipment (C) magnetic particle equipment (D) dye penetrant</p> <p><u><Note newly added></u></p>	<p style="text-align: center;"><Rules></p> <p style="text-align: center;">CH 3 HULL SURVEYS OF SHIPS SUBJECT TO THE ENHANCED SURVEY PROGRAMME</p> <p style="text-align: center;">Section 1 General</p> <p>102. Preparations for survey</p> <p>4. Equipment for survey</p> <p>(2) One or more of the following fracture detection procedures may be required if <u>"deemed necessary by the Surveyor"</u>: <u>(2023)</u> [See Guidance]</p> <p>(A) radiographic equipment (B) ultrasonic equipment (C) magnetic particle equipment (D) dye penetrant</p> <p><u>Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;"><Guidances></p> <p style="text-align: center;">CH 3 HULL SURVEYS OF SHIPS SUBJECT TO THE ESP</p> <p style="text-align: center;">Section 1 General</p> <p>102. Preparations for survey (2021)</p> <p><u>1. In application to 102. 4 (2) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 of the Guidance. [See Rule]</u></p>	<p style="text-align: center;"><Guidances></p> <p style="text-align: center;">CH 3 HULL SURVEYS OF SHIPS SUBJECT TO THE ESP</p> <p style="text-align: center;">Section 1 General</p> <p>102. Preparations for survey (2021)</p> <p><u>1. In application to 102. 4 (2) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 2 of the Guidance. [See Rule]</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉 Section 2 Bulk Carriers</p> <p>201. General</p> <p>1. Application</p> <p>(2) The requirements contain the minimum extent of examination, thickness measurement and tank testing. The survey is to be extended when Substantial Corrosion and/or structural defects are found and include additional Close-Up Survey <u>when necessary</u>. [See Guidance] <u>〈Note newly added〉</u></p> <p>202. Annual Survey</p> <p>3. Examination of weather decks, hatch covers and coamings</p> <p>(7) Where considered necessary, the effectiveness of sealing arrangements may be proved by hose or chalk testing supplemented by dimensional measurements of seal compressing components. [See Guidance] <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉 Section 2 Bulk Carriers</p> <p>201. General</p> <p>1. Application</p> <p>(2) The requirements contain the minimum extent of examination, thickness measurement and tank testing. The survey is to be extended when Substantial Corrosion and/or structural defects are found and include additional Close-Up Survey <u>"when necessary"</u>. (2023) [See Guidance] <u>Note : The term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>202. Annual Survey</p> <p>3. Examination of weather decks, hatch covers and coamings</p> <p>(7) Where considered necessary, the effectiveness of sealing arrangements may be proved by hose or chalk testing supplemented by dimensional measurements of seal compressing components. (2023) [See Guidance] <u>Note : The Surveyor is to consider the cases specified in Ch 1, 801. 1 of the Guidance when requiring the tightness test.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉 Section 2 Bulk Carriers</p> <p>201. General [See Rule]</p> <p><u>In application to 201. 1 (2) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>202. Annual Survey (2021)</p> <p>1. In application to 202. 3 (7) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 1 of the Guidance when require the tightness test. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉 Section 2 Bulk Carriers</p> <p>201. General [See Rule]</p> <p><u>In application to 201. 1 (2) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>202. Annual Survey (2021)</p> <p>1. In application to 202. 3 (7) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 1 of the Guidance when require the tightness test. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>4. Examination of cargo holds (2021)</p> <p>The examination of cargo holds in Annual Survey is to be in accordance with the follows.</p> <div style="border: 1px solid black; padding: 5px;"> <p>(NOTES)</p> <p>2) When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1–5, Table 14 of the Guidance. These increased thickness measurements are to be carried out before the Annual Survey is credited as completed. Suspect areas identified at previous surveys are to be examined. Areas of substantial corrosion identified at previous surveys are to have thickness measurement taken. For vessels built under the IACS Common Structural Rules(Pt 11 or Pt 13), the annual thickness gauging may be omitted where a hard protective coating has been applied in accordance with the coating manufacturer's requirements and is maintained in GOOD condition. (2021)</p> <p>[See Guidance]</p> </div>	<p style="text-align: center;">〈Rules〉</p> <p>4. Examination of cargo holds (2023)</p> <p>The examination of cargo holds in Annual Survey is to be in accordance with the follows.</p> <div style="border: 1px solid black; padding: 5px;"> <p>(NOTES)</p> <p>2) When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1–5, Table 14 of the Guidance. These increased thickness measurements are to be carried out before the Annual Survey is credited as completed. Suspect areas identified at previous surveys are to be examined. Areas of substantial corrosion identified at previous surveys are to have thickness measurement taken. For vessels built under the IACS Common Structural Rules(Pt 11 or Pt 13), the annual thickness gauging may be omitted where a hard protective coating has been applied in accordance with the coating manufacturer's requirements and is maintained in GOOD condition. <u>Where the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u> [See Guidance]</p> </div>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p><u>2. In application to 202. 4 Table NOTES 2) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>2. In application to 202. 4 Table NOTES 2) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>5. Examination of ballast tanks (2021) [See Guidance] Examination of "ballast tanks when required" as a consequence of the results of the Special Survey and Intermediate Survey is to be carried out. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1-5, Table 14 of the Guidance. These extended thickness measurements are to be carried out before the survey is credited as completed. Suspect areas identified at previous surveys are to be examined. Areas of substantial corrosion identified at previous survey are to have thickness measurements taken. For vessels built under IACS Common Structural Rules(Pt 11 or Pt 13), the annual thickness gauging may be omitted where a hard protective coating has been applied in accordance with the coating manufacturer's requirements and is maintained in GOOD condition.</p> <p>Note : The term "ballast tanks when required" means the ballast tanks which are assigned to be internally examined at annual intervals from the results of Intermediate Survey <u>or Special Survey</u>.</p>	<p style="text-align: center;">〈Rules〉</p> <p>5. Examination of ballast tanks (2023) [See Guidance] Examination of "ballast tanks when required" as a consequence of the results of the Special Survey and Intermediate Survey is to be carried out. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1-5, Table 14 of the Guidance. These extended thickness measurements are to be carried out before the survey is credited as completed. Suspect areas identified at previous surveys are to be examined. Areas of substantial corrosion identified at previous survey are to have thickness measurements taken. For vessels built under IACS Common Structural Rules(Pt 11 or Pt 13), the annual thickness gauging may be omitted where a hard protective coating has been applied in accordance with the coating manufacturer's requirements and is maintained in GOOD condition.</p> <p>Note :</p> <p><u>1) The term "ballast tanks when required" means the ballast tanks which are assigned to be internally examined at annual intervals from the results of Intermediate Survey or Special Survey.</u></p> <p><u>2) The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p><u>3. In application to 202. 5 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p> <p><u>4. 〈omitted〉</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p><u>3. In application to 202. 5 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p> <p><u>1. 4. 〈same as the current Guidance〉</u></p>	<p>– Deleted after moving into Rules</p> <p>– Adjusting No.</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>203. Intermediate Survey</p> <p>1. General</p> <p>(3) Bulk carriers exceeding 10 years of age up to 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent to the previous Special Survey as required in 204. and 102. 1. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, internal examination of fuel tanks and pressure testing of all tanks are not required unless deemed necessary by the attending Surveyor. [See Guidance] 〈Note newly added〉</p> <p>(4) Bulk carriers over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent to the previous Special Survey as required in 204. and 102. 1. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, internal examination of fuel tanks and pressure testing of all tanks are not required unless deemed necessary by the attending Surveyor. [See Guidance] 〈Note newly added〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>203. Intermediate Survey</p> <p>1. General</p> <p>(3) Bulk carriers exceeding 10 years of age up to 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent to the previous Special Survey as required in 204. and 102. 1. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, internal examination of fuel tanks and pressure testing of all tanks are not required unless deemed necessary by the attending Surveyor. (2023) [See Guidance] Note : The Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when requiring the internal examination or the pressure test.</p> <p>(4) Bulk carriers over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent to the previous Special Survey as required in 204. and 102. 1. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, internal examination of fuel tanks and pressure testing of all tanks are not required unless deemed necessary by the attending Surveyor. (2023) [See Guidance] Note : The Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when requiring the internal examination or the pressure test.</p>	<p style="text-align: center;">– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p><u>203. Intermediate Survey (2021)</u></p> <p>1. In application to 203. 1 (3) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when require the internal examination or the pressure test. [See Rule]</p> <p>2. In application to 203. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when require the internal examination or the pressure test. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p><u>203. Intermediate Survey (2021)</u></p> <p>1. In application to 203. 1 (3) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when require the internal examination or the pressure test. [See Rule]</p> <p>2. In application to 203. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when require the internal examination or the pressure test. [See Rule]</p>	<p style="text-align: center;">– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>2. Examination of ballast tanks</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>3) In ballast tanks other than double bottom ballast tanks, where a hard protective coating is found in POOR condition, and it is not renewed, or where soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question are to be examined and thickness measurements carried out as considered necessary at annual intervals. When such breakdown of hard protective coating is found in double bottom ballast tanks, of where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied, the tanks in question may be examined at annual intervals. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. [See Guidance]</p> </div> <p>3. Examination of cargo holds</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>1) Where <u>considered necessary by the Surveyor</u> as a result of the Overall and Close-up Survey, the survey is to be extended to include a Close-up Survey of all of the shell frames and adjacent shell plating of that cargo hold as well as a Close-up Survey of sufficient extent of all remaining cargo holds. [See Guidance]</p> </div>	<p style="text-align: center;">〈Rules〉</p> <p>2. Examination of ballast tanks</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>3) In ballast tanks other than double bottom ballast tanks, where a hard protective coating is found in POOR condition, and it is not renewed, or where soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question are to be examined and thickness measurements carried out as considered necessary at annual intervals. When such breakdown of hard protective coating is found in double bottom ballast tanks, of where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied, the tanks in question may be examined at annual intervals. When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurements are to be carried out. <u>Where the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u> [See Guidance]</p> </div> <p>3. Examination of cargo holds</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>1) Where <u>"considered necessary by the Surveyor"</u> as a result of the Overall and Close-up Survey, the survey is to be extended to include a Close-up Survey of all of the shell frames and adjacent shell plating of that cargo hold as well as a Close-up Survey of sufficient extent of all remaining cargo holds. <u>Where the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 5 of the Guidance. (2023)</u> [See Guidance]</p> </div>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 203. 2 Table NOTES 3) of the Rules, the term <u>"considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u> [See Rule]</p> <p>4. In application to 203. 3 Table NOTES 1) of the Rules, the term <u>"considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u> [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 203. 2 Table NOTES 3) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>4. In application to 203. 3 Table NOTES 1) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 5 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>204. Special Survey</p> <p>2. Tank protection</p> <p>(1) Where provided, the condition of the corrosion prevention system of ballast tanks is to be examined. For ballast tanks, excluding double bottom ballast tanks, where a hard protective coating is found in POOR condition and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied from the time of construction, the tanks in question are to be examined at annual intervals. Thickness measurements are to be carried out as <u>deemed necessary by the Surveyor</u>. [See Guidance] <u>〈Note newly added〉</u></p> <p>(2) When such breakdown of hard protective coating is found in double bottom ballast tanks and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied from the time of construction, the tanks in question may be examined at annual intervals. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. [See Guidance] <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>204. Special Survey</p> <p>2. Tank protection</p> <p>(1) Where provided, the condition of the corrosion prevention system of ballast tanks is to be examined. For ballast tanks, excluding double bottom ballast tanks, where a hard protective coating is found in POOR condition and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied from the time of construction, the tanks in question are to be examined at annual intervals. Thickness measurements are to be carried out as <u>"deemed necessary by the Surveyor"</u>. <u>(2023)</u> [See Guidance] <u>Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p> <p>(2) When such breakdown of hard protective coating is found in double bottom ballast tanks and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied from the time of construction, the tanks in question may be examined at annual intervals. When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurements are to be carried out. <u>(2023)</u> [See Guidance] <u>Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>204. Special Survey (2021)</p> <p>1. In application to 204. 2 (1) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>2. In application to 204. 2 (2) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>204. Special Survey (2021)</p> <p>1. In application to 204. 2 (1) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>2. In application to 204. 2 (2) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>5. Extent of thickness measurement</p> <p>(3) The Surveyor may further extend the thickness measurements as deemed necessary. [See Guidance] <u>〈Note newly added〉</u></p> <p>Table 1.3.3 Minimum requirements for tank testing at Special Survey of Bulk Carriers</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>2. The Surveyor may extend the tank testing as <u>deemed necessary</u>. [See Guidance]</p> </div>	<p style="text-align: center;">〈Rules〉</p> <p>5. Extent of thickness measurement</p> <p>(3) The Surveyor may further extend the thickness measurements as <u>"deemed necessary". (2023)</u> [See Guidance] <u>Note : The term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p> <p>Table 1.3.3 Minimum requirements for tank testing at Special Survey of Bulk Carriers</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>2. The Surveyor may extend the tank testing as <u>"deemed necessary". Where the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. (2023)</u> [See Guidance]</p> </div>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 204. 5 (3) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>4. In application to Table 1.3.3 NOTES 2 of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 204. 5 (3) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance: [See Rule]</p> <p>4. In application to Table 1.3.3 NOTES 2 of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance: [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉 Section 3 Oil Tankers</p> <p>301. General</p> <p>1. Application</p> <p>(2) The requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when substantial corrosion and/or structural defects are found and include additional Close-up Survey <u>when necessary</u>. [See Guidance] <u>〈Note newly added〉</u></p> <p>302. Annual Survey</p> <p>5. Examination of ballast tanks (2021) [See Guidance]</p> <p>Examination of "ballast tanks where required" as a consequence of the results of the Special Survey(See 304. 2) and Intermediate Survey(See 303. 3) is to be carried out. When <u>considered necessary by the Surveyor</u>, or when extensive corrosion exists, thickness measurements are to be carried out and if the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1–5, Table 15 of the Guidance. These extended thickness measurements are to be carried out before the survey is credited as completed. Suspect areas identified at previous surveys are to be examined. Areas of substantial corrosion identified at previous surveys are to have thickness measurements taken.</p> <p>Note : The term "ballast tanks when required" means the ballast tanks which are assigned to be internally examined at annual intervals from the results of Intermediate Survey or Special Survey. <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉 Section 3 Oil Tankers</p> <p>301. General</p> <p>1. Application</p> <p>(2) The requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when substantial corrosion and/or structural defects are found and include additional Close-up Survey <u>"when necessary"</u>. <u>(2023)</u> –[See Guidance]– <u>Note : The term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>302. Annual Survey</p> <p>5. Examination of ballast tanks (2023) –[See Guidance]–</p> <p>Examination of "ballast tanks where required" as a consequence of the results of the Special Survey(See 304. 2) and Intermediate Survey(See 303. 3) is to be carried out. When <u>"considered necessary by the Surveyor"</u>, or when extensive corrosion exists, thickness measurements are to be carried out and if the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1–5, Table 15 of the Guidance. These extended thickness measurements are to be carried out before the survey is credited as completed. Suspect areas identified at previous surveys are to be examined. Areas of substantial corrosion identified at previous surveys are to have thickness measurements taken.</p> <p>Note : 1) 〈same as the current Note〉 2) <u>The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉 Section 3 Oil Tankers</p> <p>301. General [See Rule]</p> <p><u>In application to 301. 1 (2) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>302. Annual Survey [See Rule]</p> <p><u>1. In application to 302. 5 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p>	<p style="text-align: center;">〈Guidances〉 Section 3 Oil Tankers</p> <p>301. General —[See Rule]–</p> <p><u>In application to 301. 1 (2) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>302. Annual Survey —[See Rule]–</p> <p><u>1. In application to 302. 5 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>303. Intermediate Survey</p> <p>1. General</p> <p>(3) Oil tankers exceeding 10 years of age up to 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 304. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks and the requirements for longitudinal strength evaluation of hull girder as required in 106. 1 (2) are not required unless deemed necessary by the attending Surveyor. <u>[See Guidance]</u></p> <p><u>〈Note newly added〉</u></p> <p>(4) Oil tankers over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 304. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks and the requirements for longitudinal strength evaluation of hull girder as required in 106. 1 (2) are not required unless deemed necessary by the attending Surveyor. <u>[See Guidance]</u></p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>303. Intermediate Survey</p> <p>1. General</p> <p>(3) Oil tankers exceeding 10 years of age up to 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 304. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks and the requirements for longitudinal strength evaluation of hull girder as required in 106. 1 (2) are not required unless deemed necessary by the attending Surveyor. <u>(2023) [See Guidance]</u></p> <p><u>Note : The Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when requiring the pressure test or the longitudinal strength evaluation of hull girder.</u></p> <p>(4) Oil tankers over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 304. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks and the requirements for longitudinal strength evaluation of hull girder as required in 106. 1 (2) are not required unless deemed necessary by the attending Surveyor. <u>(2023) [See Guidance]</u></p> <p><u>Note : The Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when requiring the pressure test or the longitudinal strength evaluation of hull girder.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>303. Intermediate Survey</p> <p>1. In application to 303. 1 (3) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when require the pressure test or the longitudinal strength evaluation of hull girder. <u>[See Rule]</u></p> <p>2. In application to 303. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when require the pressure test or the longitudinal strength evaluation of hull girder. <u>[See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>303. Intermediate Survey</p> <p>1. In application to 303. 1 (3) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when require the pressure test or the longitudinal strength evaluation of hull girder. [See Rule]</p> <p>2. In application to 303. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when require the pressure test or the longitudinal strength evaluation of hull girder. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center; color: red;">〈Rules〉</p> <p>3. Extent of examination The examination in Intermediate Survey is to be in accordance with the follows.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>1) When <u>considered necessary by the Surveyor</u>, thickness measurement and testing are to be carried out to ensure that the structural integrity remains effective. <u>[See Guidance]</u></p> </div>	<p style="text-align: center; color: red;">〈Rules〉</p> <p>3. Extent of examination The examination in Intermediate Survey is to be in accordance with the follows.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>1) When <u>"considered necessary by the Surveyor"</u>, thickness measurement and testing are to be carried out to ensure that the structural integrity remains effective. <u>Where the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u> [See Guidance]</p> </div>	<p>– Introduced from Guidances</p>
<p style="text-align: center; color: red;">〈Guidances〉</p> <p>3. In application to 303. 3 Table NOTES 1) of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. <u>[See Rule]</u></p>	<p style="text-align: center; color: red;">〈Guidances〉</p> <p>3. In application to 303. 3 Table NOTES 1) of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>304. Special Survey</p> <p>2. Tank protection <u>[See Guidance]</u></p> <p>Where provided, the condition of the corrosion prevention system of cargo tanks is to be examined. A ballast tank is to be examined at subsequent annual intervals where:</p> <ul style="list-style-type: none"> - a hard protective coating has not been applied from the time of construction, or - a soft or semi-hard coating has been applied, or - substantial corrosion is found within the tank, or - the hard protective coating is found to be in less than GOOD condition and the hard protective coating is not repaired to the satisfaction of the Surveyor. <p>Thickness measurements are to be carried out as <u>deemed necessary by the Surveyor.</u> <u>〈Note newly added〉</u></p> <p>4. Extent of thickness measurement</p> <p>(3) The Surveyor may further extend the thickness measurements as <u>deemed necessary.</u> [See Guidance] <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>304. Special Survey</p> <p>2. Tank protection <u>(2023)</u> –[See Guidance]–</p> <p>Where provided, the condition of the corrosion prevention system of cargo tanks is to be examined. A ballast tank is to be examined at subsequent annual intervals where:</p> <ul style="list-style-type: none"> - a hard protective coating has not been applied from the time of construction, or - a soft or semi-hard coating has been applied, or - substantial corrosion is found within the tank, or - the hard protective coating is found to be in less than GOOD condition and the hard protective coating is not repaired to the satisfaction of the Surveyor. <p>Thickness measurements are to be carried out as <u>"deemed necessary by the Surveyor".</u> <u>Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u></p> <p>4. Extent of thickness measurement</p> <p>(3) The Surveyor may further extend the thickness measurements as <u>"deemed necessary". (2023)</u> –[See Guidance]– <u>Note : The term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>304. Special Survey (2021)</p> <p><u>1. In application to 304. 2 of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p> <p><u>2. In application to 304. 4 (3) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>304. Special Survey (2021)</p> <p><u>1. In application to 304. 2 of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. –[See Rule]–</u></p> <p><u>2. In application to 304. 4 (3) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. –[See Rule]–</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason										
<p style="text-align: center;">〈Rules〉</p> <p>Table 1.3.4 Minimum requirements for Close-up Survey at Special Survey of Oil Tankers, Ore/Oil Ships and etc.¹⁾ <u>[See Guidance]</u></p> <table border="1"> <tr> <td rowspan="2">〈omitted〉</td><td>Special Survey No. 3</td><td>Special Survey No. 4 and Subsequent</td></tr> <tr> <td>6. As <u>considered necessary by the Surveyor</u> (*6)</td><td>6. As <u>considered necessary by the Surveyor</u> (*6) 7. Additional transverses included as <u>deemed necessary by the Society</u></td></tr> </table> <p>(NOTES) 1) ~ 2) 〈omitted〉 <u>〈Note 3〉 added</u></p> <p>Table 1.3.6 Minimum requirements for tank testing at Special Survey of Oil Tankers, Ore/Oil Ships and etc.</p> <p>(NOTES) 1. The Surveyor may extend the tank testing as <u>deemed necessary</u>. <u>[See Guidance]</u></p>	〈omitted〉	Special Survey No. 3	Special Survey No. 4 and Subsequent	6. As <u>considered necessary by the Surveyor</u> (*6)	6. As <u>considered necessary by the Surveyor</u> (*6) 7. Additional transverses included as <u>deemed necessary by the Society</u>	<p style="text-align: center;">〈Rules〉</p> <p>Table 1.3.4 Minimum requirements for Close-up Survey at Special Survey of Oil Tankers, Ore/Oil Ships and etc.¹⁾ <u>(2023)</u> [See Guidance]</p> <table border="1"> <tr> <td rowspan="2">〈same as the current Rules〉</td><td>Special Survey No. 3</td><td>Special Survey No. 4 and Subsequent</td></tr> <tr> <td>6. As <u>"considered necessary by the Surveyor"</u> (*6)</td><td>6. As <u>"considered necessary by the Surveyor"</u> (*6) 7. Additional transverses included as <u>"deemed necessary by the Society"</u></td></tr> </table> <p>(NOTES) 1) ~ 2) 〈same as the current Rules〉 <u>3) The term "considered necessary by the Surveyor" and "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance. (2023)</u></p> <p>Table 1.3.6 Minimum requirements for tank testing at Special Survey of Oil Tankers, Ore/Oil Ships and etc.</p> <p>(NOTES) 1. The Surveyor may extend the tank testing as <u>"deemed necessary"</u>. <u>Where the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. (2023)</u> [See Guidance]</p>	〈same as the current Rules〉	Special Survey No. 3	Special Survey No. 4 and Subsequent	6. As <u>"considered necessary by the Surveyor"</u> (*6)	6. As <u>"considered necessary by the Surveyor"</u> (*6) 7. Additional transverses included as <u>"deemed necessary by the Society"</u>	<p>– Introduced from Guidances</p>
〈omitted〉		Special Survey No. 3	Special Survey No. 4 and Subsequent									
	6. As <u>considered necessary by the Surveyor</u> (*6)	6. As <u>considered necessary by the Surveyor</u> (*6) 7. Additional transverses included as <u>deemed necessary by the Society</u>										
〈same as the current Rules〉	Special Survey No. 3	Special Survey No. 4 and Subsequent										
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<p style="text-align: center;">〈Guidances〉</p> <p>3. 〈omitted〉</p> <p>4. In application to Table 1.3.4 of the Rules, the term "considered necessary by the Surveyor" and "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance. [See Rule]</p> <p>5. In application to Table 1.3.6 NOTES 1) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>1. 3. 〈same as the current Guidances〉</p> <p>4. In application to Table 1.3.4 of the Rules, the term "considered necessary by the Surveyor" and "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance. [See Rule]</p> <p>5. In application to Table 1.3.6 NOTES 1) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. [See Rule]</p>	<p>– Adjusting No.</p> <p>– Deleted after moving into Rules</p>										

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉 Section 4 Chemical Tankers</p> <p>401. General</p> <p>1. Application</p> <p>(3) These requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when substantial corrosion and/or structural defects are found and include additional Close-up Survey when necessary. [See Guidance] 〈Note newly added〉</p> <p>402. Annual Survey</p> <p>5. Examination of ballast tanks (2021) [See Guidance]</p> <p>Examination of "ballast tanks where required" as a consequence of the results of the Special Survey(See 404. 2) and Intermediate Survey (See 403. 3) is to be carried out. When <u>considered necessary by the Surveyor</u>, or when extensive corrosion exists, thickness measurements are to be carried out and if the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1-5, Table 16 of the Guidance. These extended thickness measurements are to be carried out before the survey is credited as completed. Suspect areas identified at previous surveys are to be examined. Areas of substantial corrosion identified at previous surveys are to have thickness measurements taken.</p> <p>Note : The term "ballast tanks when required" means the ballast tanks which are assigned to be internally examined at annual intervals from the results of Intermediate Survey or Special Survey.</p>	<p style="text-align: center;">〈Rules〉 Section 4 Chemical Tankers</p> <p>401. General</p> <p>1. Application</p> <p>(3) These requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when substantial corrosion and/or structural defects are found and include additional Close-up Survey when necessary. (2023) –[See Guidance]– Note : The term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</p> <p>402. Annual Survey</p> <p>5. Examination of ballast tanks (2023) –[See Guidance]–</p> <p>Examination of "ballast tanks where required" as a consequence of the results of the Special Survey(See 404. 2) and Intermediate Survey (See 403. 3) is to be carried out. When <u>considered necessary by the Surveyor</u>, or when extensive corrosion exists, thickness measurements are to be carried out and if the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1-5, Table 16 of the Guidance. These extended thickness measurements are to be carried out before the survey is credited as completed. Suspect areas identified at previous surveys are to be examined. Areas of substantial corrosion identified at previous surveys are to have thickness measurements taken.</p> <p>Note :</p> <p>1) 〈same as the current Noted〉</p> <p>2) The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉 Section 4 Chemical Tankers</p> <p>401. General [See Rule]</p> <p><u>In application to 401. 1 (3) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>402. Annual Survey (2021) [See Rule]</p> <p>1. In application to 402. 5 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</p>	<p style="text-align: center;">〈Guidances〉 Section 4 Chemical Tankers</p> <p>401. General –[See Rule]–</p> <p><u>In application to 401. 1 (3) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>402. Annual Survey (2021) –[See Rule]–</p> <p>1. In application to 402. 5 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>403. Intermediate Survey</p> <p>1. General</p> <p>(3) Chemical tankers exceeding 10 years of age up to 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 404. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks is not required unless deemed necessary by the attending Surveyor. <u>[See Guidance]</u> <u>〈Note newly added〉</u></p> <p>(4) Chemical tankers over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 404. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks is not required unless deemed necessary by the attending Surveyor. <u>[See Guidance]</u> <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>403. Intermediate Survey</p> <p>1. General</p> <p>(3) Chemical tankers exceeding 10 years of age up to 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 404. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks is not required unless deemed necessary by the attending Surveyor. <u>(2023)</u> [See Guidance]</p> <p><u>Note : The Surveyor is to consider the cases specified in Ch 1, 801. 4 of the Guidance when requiring the pressure test.</u></p> <p>(4) Chemical tankers over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 404. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks is not required unless deemed necessary by the attending Surveyor. <u>(2023)</u> [See Guidance]</p> <p><u>Note : The Surveyor is to consider the cases specified in Ch 1, 801. 4 of the Guidance when requiring the pressure test.</u></p>	<p>- Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>403. Intermediate Survey</p> <p><u>1. In application to 403. 1 (3) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 of the Guidance when require the pressure test. [See Rule]</u></p> <p><u>2. In application to 403. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 of the Guidance when require the pressure test. [See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>403. Intermediate Survey</p> <p>1. In application to 403. 1 (3) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 of the Guidance when require the pressure test. [See Rule]</p> <p>2. In application to 403. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 of the Guidance when require the pressure test. [See Rule]</p>	<p>- Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;"><Rules></p> <p>404. Special Survey</p> <p>2. Tank protection <u>[See Guidance]</u></p> <p>Where provided, the condition of the corrosion prevention system of cargo tanks is to be examined. A ballast tank is to be examined at subsequent annual intervals where:</p> <ul style="list-style-type: none"> - a hard protective coating has not been applied from the time of construction, or - a soft or semi-hard coating has been applied, or - substantial corrosion is found within the tank, or - the hard protective coating is found to be in less than GOOD condition and the hard protective coating is not repaired to the satisfaction of the Surveyor. <p>Thickness measurements are to be carried out as <u>deemed necessary</u> by the Surveyor.</p> <p><u><Note newly added></u></p> <p>3. Extent of Overall and Close-up Survey</p> <p>(2) The minimum requirements for Close-up Survey at Special Survey are given in Table 1.3.7. The survey of stainless steel tanks may be carried out as an Overall Survey supplemented by Close-up Survey as <u>deemed necessary</u> by the Surveyor. <u>[See Guidance]</u></p> <p><u><Note newly added></u></p>	<p style="text-align: center;"><Rules></p> <p>404. Special Survey</p> <p>2. Tank protection <u>(2023)</u> [See Guidance]</p> <p>Where provided, the condition of the corrosion prevention system of cargo tanks is to be examined. A ballast tank is to be examined at subsequent annual intervals where:</p> <ul style="list-style-type: none"> - a hard protective coating has not been applied from the time of construction, or - a soft or semi-hard coating has been applied, or - substantial corrosion is found within the tank, or - <same as the current Rules> <p>Thickness measurements are to be carried out as <u>"deemed necessary"</u> by the Surveyor.</p> <p><u>Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u></p> <p>3. Extent of Overall and Close-up Survey</p> <p>(2) The minimum requirements for Close-up Survey at Special Survey are given in Table 1.3.7. The survey of stainless steel tanks may be carried out as an Overall Survey supplemented by Close-up Survey as <u>"deemed necessary"</u> by the Surveyor. <u>(2023)</u> [See Guidance]</p> <p><u>Note : The term "deemed necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p>	<p>- Introduced from Guidances</p>
<p style="text-align: center;"><Guidances></p> <p>404. Special Survey</p> <p>1. In application to 404. 2 of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>2. In application to 404. 3 (2) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance. [See Rule]</p>	<p style="text-align: center;"><Guidances></p> <p>404. Special Survey</p> <p>1. In application to 404. 2 of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>2. In application to 404. 3 (2) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance. [See Rule]</p>	<p>- Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>4. Extent of Thickness Measurement</p> <p>(3) The Surveyor may further extend the thickness measurements as deemed necessary. [See Guidance] 〈Note newly added〉</p> <p>5. Extent of tank testing [See Guidance]</p> <p>(1) The minimum requirements for tank testing at Special Survey are given in Table 1.3.9.</p> <p>(2) Cargo tank testing carried out by the vessel's crew under the direction of the Master may be accepted by the Surveyor provided the following conditions are complied with:</p> <p>(A) ~ (E) 〈omitted〉 〈Note newly added〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>4. Extent of Thickness Measurement</p> <p>(3) The Surveyor may further extend the thickness measurements as "deemed necessary". (2023) [See Guidance] Note : The term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance.</p> <p>5. Extent of tank testing (2023) [See Guidance]</p> <p>(1) The minimum requirements for tank testing at Special Survey are given in Table 1.3.9.</p> <p>(2) Cargo tank testing carried out by the vessel's crew under the direction of the Master may be accepted by the Surveyor provided the following conditions are complied with:</p> <p>(A) ~ (E) 〈same as the current Rules〉 Note : The guidance on pressure testing of boundaries of cargo oil tanks under direction of the master specified in 304. 6 of the Guidance is to be applied. (2023)</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 404. 4 (3) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>4. In application to 404. 5 of the Rules, the guidance on pressure testing of boundaries of cargo oil tanks under direction of the master specified in 304. 6 of the Guidance is to be applied. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 404. 4 (3) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>4. In application to 404. 5 of the Rules, the guidance on pressure testing of boundaries of cargo oil tanks under direction of the master specified in 304. 6 of the Guidance is to be applied. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason																								
<div>⋄Rules⋄</div> <div><p>Table 1.3.7 Minimum requirements for Close-up Survey at Special Survey of Chemical Tankers¹⁾ [See Guidance]</p><p>1) Single Skin Chemical Tankers</p><table><tr><td>⋄omitted⋄</td><td>Special Survey No. 4 and Subsequent</td></tr><tr><td></td><td>6. Additional transverse areas as <u>deemed necessary by the Society</u></td></tr><tr><td colspan="2">(NOTES) 1) ~ 2) ⋄omitted⋄ <u>⋄Note newly added⋄</u></td></tr></table></div> <div><p>Table 1.3.7 Minimum requirements for Close-up Survey at Special Survey of Chemical Tankers¹⁾ <u>[See Guidance]</u></p><p>2) Double Skin Chemical Tankers</p><table><tr><td>⋄omitted⋄</td><td>Special Survey No. 4 and Subsequent</td></tr><tr><td></td><td>6. Additional transverse areas as <u>deemed necessary by the Society</u></td></tr><tr><td colspan="2">(NOTES) 1) ~ 3) ⋄omitted⋄ <u>⋄Note newly added⋄</u></td></tr></table></div>	⋄omitted⋄	Special Survey No. 4 and Subsequent		6. Additional transverse areas as <u>deemed necessary by the Society</u>	(NOTES) 1) ~ 2) ⋄omitted⋄ <u>⋄Note newly added⋄</u>		⋄omitted⋄	Special Survey No. 4 and Subsequent		6. Additional transverse areas as <u>deemed necessary by the Society</u>	(NOTES) 1) ~ 3) ⋄omitted⋄ <u>⋄Note newly added⋄</u>		<div>⋄Rules⋄</div> <div><p>Table 1.3.7 Minimum requirements for Close-up Survey at Special Survey of Chemical Tankers¹⁾ <u>(2023)</u> [See Guidance]</p><p>1) Single Skin Chemical Tankers</p><table><tr><td>⋄omitted⋄</td><td>Special Survey No. 4 and Subsequent</td></tr><tr><td></td><td>6. Additional transverse areas as <u>"deemed necessary by the Society"</u></td></tr><tr><td colspan="2">(NOTES) 1) ~ 2) ⋄same as the current Rules⋄ <u>3) The term "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></td></tr></table></div> <div><p>Table 1.3.7 Minimum requirements for Close-up Survey at Special Survey of Chemical Tankers¹⁾ <u>(2023)</u> [See Guidance]</p><p>2) Double Skin Chemical Tankers</p><table><tr><td>⋄omitted⋄</td><td>Special Survey No. 4 and Subsequent</td></tr><tr><td></td><td>6. Additional transverse areas as <u>"deemed necessary by the Society"</u></td></tr><tr><td colspan="2">(NOTES) 1) ~ 3) ⋄same as the current Rules⋄ <u>3) The term "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance. (2023)</u></td></tr></table></div>	⋄omitted⋄	Special Survey No. 4 and Subsequent		6. Additional transverse areas as <u>"deemed necessary by the Society"</u>	(NOTES) 1) ~ 2) ⋄same as the current Rules⋄ <u>3) The term "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u>		⋄omitted⋄	Special Survey No. 4 and Subsequent		6. Additional transverse areas as <u>"deemed necessary by the Society"</u>	(NOTES) 1) ~ 3) ⋄same as the current Rules⋄ <u>3) The term "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance. (2023)</u>		<div>– Introduced from Guidances</div> <div></div>
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Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>Table 1.3.9 Minimum requirements for tank testing at Special Survey of Chemical Tankers</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>(NOTES)</p> <p>1. The Surveyor may extend the tank testing as <u>deemed necessary</u>. [See Guidance]</p> <p>2. ~ 4. <omitted></p> </div> <p style="text-align: center;">Section 5 Double Hull Oil Tankers</p> <p>501. General</p> <p>1. Application</p> <p>(2) The requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when substantial corrosion and/or structural defects are found and include additional Close-up Survey <u>when necessary</u>. [See Guidance] <u><Note newly added></u></p>	<p style="text-align: center;">〈Rules〉</p> <p>Table 1.3.9 Minimum requirements for tank testing at Special Survey of Chemical Tankers</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>(NOTES)</p> <p>1. The Surveyor may extend the tank testing as <u>"deemed necessary"</u>. <u>Where the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. (2023)</u> [See Guidance]</p> <p>2. ~ 4. <same as the current Rules></p> </div> <p style="text-align: center;">Section 5 Double Hull Oil Tankers</p> <p>501. General</p> <p>1. Application</p> <p>(2) The requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when substantial corrosion and/or structural defects are found and include additional Close-up Survey <u>"when necessary"</u>. <u>(2023)</u> [See Guidance] <u>Note : The term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p><u>6. In application to Table 1.3.9 NOTES 1) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. [See Rule]</u></p> <p style="text-align: center;">Section 5 Double Hull Oil Tankers</p> <p>501. General [See Rule]</p> <p><u>In application to 501. 1 (2) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>6. In application to Table 1.3.9 NOTES 1) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. [See Rule]</p> <p style="text-align: center;">Section 5 Double Hull Oil Tankers</p> <p>501. General [See Rule]</p> <p>In application to 501. 1 (2) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>502. Annual Survey</p> <p>5. Examination of ballast tanks (2021) –[See Guidance]–</p> <p>Examination of “ballast tanks where required” as a consequence of the results of the Special Survey(See 504. 2) and Intermediate Survey(See 503. 3) is to be carried out. When <u>considered necessary by the Surveyor</u>, or when extensive corrosion exists, thickness measurements are to be carried out and if the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1–5, Table 17 of the Guidance. These extended thickness measurements are to be carried out before the survey is credited as completed. Suspect areas identified at previous surveys are to be examined. Areas of substantial corrosion identified at previous surveys are to have thickness measurements taken.</p> <p>Note : The term "ballast tanks when required" means the ballast tanks which are assigned to be internally examined at annual intervals from the results of Intermediate Survey or Special Survey.</p> <p><u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>502. Annual Survey</p> <p>5. Examination of ballast tanks (2023) [See Guidance]</p> <p>Examination of “ballast tanks where required” as a consequence of the results of the Special Survey(See 504. 2) and Intermediate Survey(See 503. 3) is to be carried out. When <u>considered necessary by the Surveyor</u>, or when extensive corrosion exists, thickness measurements are to be carried out and if the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1–5, Table 17 of the Guidance. These extended thickness measurements are to be carried out before the survey is credited as completed. Suspect areas identified at previous surveys are to be examined. Areas of substantial corrosion identified at previous surveys are to have thickness measurements taken.</p> <p>Note :</p> <p><u>1) The term "ballast tanks when required" means the ballast tanks which are assigned to be internally examined at annual intervals from the results of Intermediate Survey or Special Survey.</u></p> <p><u>2) The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>502. Annual Survey (2021) [See Rule]</p> <p><u>1. In application to 502. 5 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>502. Annual Survey (2021) –[See Rule]–</p> <p><u>1. In application to 502. 5 of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>503. Intermediate Survey</p> <p>1. General</p> <p>(3) Double hull oil tankers exceeding 10 years of age up to 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 504. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks and the requirements for longitudinal strength evaluation of hull girder as required in 106. 1 (2) are not required unless deemed necessary by the attending Surveyor. [See Guidance] 〈Note newly added〉</p> <p>(4) Double hull oil tankers over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 504. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks and the requirements for longitudinal strength evaluation of hull girder as required in 106. 1 (2) are not required unless deemed necessary by the attending Surveyor. [See Guidance] 〈Note newly added〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>503. Intermediate Survey</p> <p>1. General</p> <p>(3) Double hull oil tankers exceeding 10 years of age up to 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 504. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks and the requirements for longitudinal strength evaluation of hull girder as required in 106. 1 (2) are not required unless deemed necessary by the attending Surveyor. (2023) [See Guidance] Note : The Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when requiring the pressure test or the longitudinal strength evaluation of hull girder.</p> <p>(4) Double hull oil tankers over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent as the previous Special Survey as required in 102. 1 and 504. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, pressure testing of cargo and ballast tanks and the requirements for longitudinal strength evaluation of hull girder as required in 106. 1 (2) are not required unless deemed necessary by the attending Surveyor. (2023) [See Guidance] Note : The Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when requiring the pressure test or the longitudinal strength evaluation of hull girder.</p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>503. Intermediate Survey</p> <p>1. In application to 503. 1 (3) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when require the pressure test or the longitudinal strength evaluation of hull girder. [See Rule]</p> <p>2. In application to 503. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when require the pressure test or the longitudinal strength evaluation of hull girder. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>503. Intermediate Survey</p> <p>1. In application to 503. 1 (3) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when require the pressure test or the longitudinal strength evaluation of hull girder. [See Rule]</p> <p>2. In application to 503. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 4 or 1 of the Guidance when require the pressure test or the longitudinal strength evaluation of hull girder. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;"><Rules></p> <p>504. Special Survey</p> <p>2. Tank protection <u>[See Guidance]</u></p> <p>Where provided, the condition of the corrosion prevention system of cargo tanks is to be examined. A ballast tank is to be examined at subsequent annual intervals where: <omitted></p> <p>Thickness measurements are to be carried out as <u>deemed necessary by the Surveyor.</u> <u><Note newly added></u></p> <p>4. Extent of thickness measurement</p> <p>(3) The Surveyor may further extend the thickness measurements as <u>deemed necessary.</u> [See Guidance] <u><Note newly added></u></p> <p>5. Extent of tank testing <u>[See Guidance]</u></p> <p>(1) <omitted></p> <p>(2) Cargo tank testing carried out by the vessel's crew under the direction of the Master may be accepted by the Surveyor provided the following conditions are complied with: (A) ~ (E) <omitted> <u><Note newly added></u></p>	<p style="text-align: center;"><Rules></p> <p>504. Special Survey</p> <p>2. Tank protection <u>(2023)</u> [See Guidance]</p> <p>Where provided, the condition of the corrosion prevention system of cargo tanks is to be examined. A ballast tank is to be examined at subsequent annual intervals where: <same as the current Rules></p> <p>Thickness measurements are to be carried out as <u>"deemed necessary by the Surveyor".</u> <u>Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p> <p>4. Extent of thickness measurement</p> <p>(3) The Surveyor may further extend the thickness measurements as <u>"deemed necessary".</u> <u>(2023)</u> [See Guidance] <u>Note : The term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p> <p>5. Extent of tank testing <u>(2023)</u> [See Guidance]</p> <p>(1) <same as the current Rules></p> <p>(2) Cargo tank testing carried out by the vessel's crew under the direction of the Master may be accepted by the Surveyor provided the following conditions are complied with: (A) ~ (E) <same as the current Rules> <u>Note : The guidance on pressure testing of boundaries of cargo oil tanks under direction of the master specified in 304. 6 of the Guidance is to be applied. (2023)</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;"><Guidances></p> <p><u>504. Special Survey</u></p> <p>1. In application to <u>504. 2</u> of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in <u>Ch 1, 801. 3</u> of the Guidance. [See Rule]</p> <p>2. In application to <u>504. 4 (3)</u> of the Rules, the term "deemed necessary" means the cases as specified in <u>Ch 1, 801. 3</u> of the Guidance. [See Rule]</p> <p>3. In application to <u>504. 5</u> of the Rules, the guidance on pressure testing of boundaries of cargo oil tanks under direction of the master specified in <u>304. 6</u> of the Guidance is to be applied. [See Rule]</p>	<p style="text-align: center;"><Guidances></p> <p><u>504. Special Survey</u></p> <p>1. In application to <u>504. 2</u> of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in <u>Ch 1, 801. 3</u> of the Guidance. [See Rule]</p> <p>2. In application to <u>504. 4 (3)</u> of the Rules, the term "deemed necessary" means the cases as specified in <u>Ch 1, 801. 3</u> of the Guidance. [See Rule]</p> <p>3. In application to <u>504. 5</u> of the Rules, the guidance on pressure testing of boundaries of cargo oil tanks under direction of the master specified in <u>304. 6</u> of the Guidance is to be applied. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason								
<p style="text-align: center;">〈Rules〉</p> <p>Table 1.3.10 Minimum requirements for Close-up Survey at Special Survey of Double Hull Oil Tankers¹⁾ <u>[See Guidance]</u></p> <table><tr><td rowspan="2">〈omitted〉</td><td>Special Survey No. 4 and Subsequent</td></tr><tr><td>2. Additional transverse areas as <u>deemed necessary by the Society</u></td></tr></table> <p>(NOTES) 1) ~ 3) 〈omitted〉 <u>〈Note newly added〉</u></p> <p>Table 1.3.12 Minimum requirements for tank testing at Special Survey of Double Hull Oil Tankers</p> <table><tr><td>(NOTES) 1. The Surveyor may extend the tank testing as <u>deemed necessary</u>. <u>[See Guidance]</u> 2. ~ 4. 〈omitted〉</td></tr></table>	〈omitted〉	Special Survey No. 4 and Subsequent	2. Additional transverse areas as <u>deemed necessary by the Society</u>	(NOTES) 1. The Surveyor may extend the tank testing as <u>deemed necessary</u> . <u>[See Guidance]</u> 2. ~ 4. 〈omitted〉	<p style="text-align: center;">〈Rules〉</p> <p>Table 1.3.10 Minimum requirements for Close-up Survey at Special Survey of Double Hull Oil Tankers¹⁾ <u>(2023)</u> [See Guidance]</p> <table><tr><td rowspan="2">〈same as the current Rules〉</td><td>Special Survey No. 4 and Subsequent</td></tr><tr><td>2. Additional transverse areas as <u>"deemed necessary by the Society"</u></td></tr></table> <p>(NOTES) 1) ~ 3) 〈same as the current Rules〉 <u>4) The term "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance. (2023)</u></p> <p>Table 1.3.12 Minimum requirements for tank testing at Special Survey of Double Hull Oil Tankers</p> <table><tr><td>(NOTES) 1. The Surveyor may extend the tank testing as <u>"deemed necessary"</u>. <u>Where the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. (2023)</u> [See Guidance] 2. ~ 4. 〈same as the current Rules〉</td></tr></table>	〈same as the current Rules〉	Special Survey No. 4 and Subsequent	2. Additional transverse areas as <u>"deemed necessary by the Society"</u>	(NOTES) 1. The Surveyor may extend the tank testing as <u>"deemed necessary"</u> . <u>Where the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. (2023)</u> [See Guidance] 2. ~ 4. 〈same as the current Rules〉	<p>– Introduced from Guidances</p>
〈omitted〉		Special Survey No. 4 and Subsequent								
	2. Additional transverse areas as <u>deemed necessary by the Society</u>									
(NOTES) 1. The Surveyor may extend the tank testing as <u>deemed necessary</u> . <u>[See Guidance]</u> 2. ~ 4. 〈omitted〉										
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(NOTES) 1. The Surveyor may extend the tank testing as <u>"deemed necessary"</u> . <u>Where the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. (2023)</u> [See Guidance] 2. ~ 4. 〈same as the current Rules〉										
<p style="text-align: center;">〈Guidances〉</p> <p>4. In application to Table 1.3.10 of the Rules, the term "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance. <u>[See Rule]</u></p> <p>5. In application to Table 1.3.12 NOTES 1 of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. <u>[See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>4. In application to Table 1.3.10 of the Rules, the term "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance. [See Rule]</p> <p>5. In application to Table 1.3.12 NOTES 1 of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>								

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 6 Double Skin Bulk Carriers</p> <p>601. General</p> <p>1. Application</p> <p>(2) The requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when Substantial Corrosion and/or structural defects are found and include additional Close-up Survey <u>when necessary</u>. [See Guidance] <u>〈Note newly added〉</u></p> <p>602. Annual Survey</p> <p>3. Examination of weather deck, hatch covers and coamings</p> <p>(7) Where considered necessary, the effectiveness of sealing arrangements may be proved by hose or chalk testing supplemented by dimensional measurements of seal compressing components. [See Guidance] <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p style="text-align: center;">Section 6 Double Skin Bulk Carriers</p> <p>601. General</p> <p>1. Application</p> <p>(2) The requirements contain the minimum extent of examination, thickness measurements and tank testing. The survey is to be extended when Substantial Corrosion and/or structural defects are found and include additional Close-up Survey <u>"when necessary"</u>. (2023) [See Guidance] <u>Note : The term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>602. Annual Survey</p> <p>3. Examination of weather deck, hatch covers and coamings</p> <p>(7) Where considered necessary, the effectiveness of sealing arrangements may be proved by hose or chalk testing supplemented by dimensional measurements of seal compressing components. (2023) [See Guidance] <u>Note : The Surveyor is to consider the cases specified in Ch 1, 801. 1 of the Guidance when requiring the tightness test.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">Section 6 Double Skin Bulk Carriers</p> <p>601. General [See Rule]</p> <p><u>In application to 601. 1 (2) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>602. Annual Survey</p> <p>1. In application to 602. 3 (7) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 1 of the Guidance when require the tightness test. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p style="text-align: center;">Section 6 Double Skin Bulk Carriers</p> <p>601. General [See Rule]</p> <p><u>In application to 601. 1 (2) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.</u></p> <p>602. Annual Survey</p> <p>1. In application to 602. 3 (7) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 1 of the Guidance when require the tightness test. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>4. Examination of cargo holds (2021)</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>(NOTES)</p> <p>1. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1-5, Table 18 of the Guidance. ~ .</p> <p>For vessels built under the IACS Common Structural Rules(Pt 11 or Pt 13), the annual thickness gauging may be omitted where a hard protective coating has been applied in accordance with the coating manufacturer's requirements and is maintained in GOOD condition. <u>[See Guidance]</u></p> </div> <p>5. Examination of ballast tanks (2021) –[See Guidance]–</p> <p>Examination of "ballast tanks when required" as a consequence of the results of the Special Survey and Intermediate Survey is to be carried out. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. ~ .</p> <p>For vessels built under IACS Common Structural Rules(Pt 11 or Pt 13), the annual thickness gauging may be omitted where a hard protective coating has been applied in accordance with the coating manufacturer's requirements and is maintained in GOOD condition.</p> <p>Note : The term "ballast tanks when required" means the ballast tanks which are assigned to be internally examined at annual intervals from the results of Intermediate Survey or Special Survey.</p>	<p style="text-align: center;">〈Rules〉</p> <p>4. Examination of cargo holds (2021)</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>(NOTES)</p> <p>1. When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurement is to be carried out. If the results of these thickness measurements indicate that substantial corrosion is found, the extent of thickness measurements is to be increased in accordance with Annex 1-5, Table 18 of the Guidance. ~ .</p> <p>For vessels built under the IACS Common Structural Rules(Pt 11 or Pt 13), the annual thickness gauging may be omitted where a hard protective coating has been applied in accordance with the coating manufacturer's requirements and is maintained in GOOD condition. <u>Where the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u> –[See Guidance]–</p> </div> <p>5. Examination of ballast tanks (2023) –[See Guidance]–</p> <p>Examination of "ballast tanks when required" as a consequence of the results of the Special Survey and Intermediate Survey is to be carried out. When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurements are to be carried out. ~ .</p> <p>For vessels built under IACS Common Structural Rules(Pt 11 or Pt 13), the annual thickness gauging may be omitted where a hard protective coating has been applied in accordance with the coating manufacturer's requirements and is maintained in GOOD condition.</p> <p>Note :</p> <p><u>1) <same as the current Note></u></p> <p><u>2) The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>2. In application to 602. 4 Table NOTES 1 of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>3. In application to 602. 5 of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>2. In application to 602. 4 Table NOTES 1 of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. –[See Rule]–</p> <p>3. In application to 602. 5 of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. –[See Rule]–</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>603. Intermediate Survey</p> <p>1. General</p> <p>(3) Double skin bulk carriers exceeding 10 years of age up to 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent to the previous Special Survey as required in 604. and 102. 1. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, internal examination of fuel oil tanks and pressure testing of all tanks are not required unless deemed necessary by the attending Surveyor. <u>[See Guidance]</u> 〈Note newly added〉</p> <p>(4) Double skin bulk carriers over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent to the previous Special Survey as required in 604. and 102. 1. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, internal examination of fuel oil tanks and pressure testing of all tanks are not required unless deemed necessary by the attending Surveyor. <u>[See Guidance]</u> 〈Note newly added〉</p>	<p style="text-align: center;">〈Rules〉</p> <p>603. Intermediate Survey</p> <p>1. General</p> <p>(3) Double skin bulk carriers exceeding 10 years of age up to 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent to the previous Special Survey as required in 604. and 102. 1. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, internal examination of fuel oil tanks and pressure testing of all tanks are not required unless deemed necessary by the attending Surveyor. <u>(2023) [See Guidance]</u> Note : The Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when requiring the internal examination or the pressure test.</p> <p>(4) Double skin bulk carriers over 15 years of age, the following is to apply:</p> <p>(a) The requirements of the Intermediate Survey are to be to the same extent to the previous Special Survey as required in 604. and 102. 1. (Caution : In this case, the requirements specified in Ch 2, 403. are not need to be applied) However, internal examination of fuel oil tanks and pressure testing of all tanks are not required unless deemed necessary by the attending Surveyor. <u>(2023) [See Guidance]</u> Note : The Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when requiring the internal examination or the pressure test.</p>	<p>– Introduced from Guidances</p> <p>–</p>
<p style="text-align: center;">〈Guidances〉</p> <p><u>603. Intermediate Survey (2021)</u></p> <p><u>1. In application to 603. 1 (3) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when require the internal examination or the pressure test. [See Rule]</u></p> <p><u>2. In application to 603. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when require the internal examination or the pressure test. [See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p><u>603. Intermediate Survey (2021)</u></p> <p><u>1. In application to 603. 1 (3) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when require the internal examination or the pressure test. [See Rule]</u></p> <p><u>2. In application to 603. 1 (4) (a) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 6 or 4 of the Guidance when require the internal examination or the pressure test. [See Rule]</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>2. Examination of ballast tanks</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>3) In ballast tanks other than double bottom ballast tanks, where a hard protective coating is found in POOR condition, and it is not renewed, or where soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question are to be examined and thickness measurements carried out as considered necessary at annual intervals. When such breakdown of hard protective coating is found in double bottom ballast tanks, or where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied, the tanks in question may be examined at annual interval. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. [See Guidance]</p> </div> <p>3. Examination of cargo holds</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>1) Where <u>considered necessary by the Surveyor</u> as a result of the Overall Survey, the survey is to be extended to include a Close-up Survey of those areas of structure in the cargo holds selected by the Surveyor. [See Guidance]</p> </div>	<p style="text-align: center;">〈Rules〉</p> <p>2. Examination of ballast tanks</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>3) In ballast tanks other than double bottom ballast tanks, where a hard protective coating is found in POOR condition, and it is not renewed, or where soft or semi-hard coating has been applied, or where a hard protective coating was not applied from the time of construction, the tanks in question are to be examined and thickness measurements carried out as considered necessary at annual intervals. When such breakdown of hard protective coating is found in double bottom ballast tanks, or where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied, the tanks in question may be examined at annual interval. When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurements are to be carried out. <u>Where the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. (2023)</u> [See Guidance]</p> </div> <p>3. Examination of cargo holds</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(NOTES)</p> <p>1) Where <u>"considered necessary by the Surveyor"</u> as a result of the Overall Survey, the survey is to be extended to include a Close-up Survey of those areas of structure in the cargo holds selected by the Surveyor. <u>Where the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 5 of the Guidance. (2023)</u> [See Guidance]</p> </div>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 603. 2 Table NOTES 3) of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>4. In application to 603. 3 Table NOTES 1) of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 5 of the Guidance. [See Rule]</p>	<p style="text-align: center;">〈Guidances〉</p> <p>3. In application to 603. 2 Table NOTES 3) of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</p> <p>4. In application to 603. 3 Table NOTES 1) of the Rules, the term <u>"considered necessary by the Surveyor"</u> means the cases as specified in Ch 1, 801. 5 of the Guidance. [See Rule]</p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason
<p style="text-align: center;">〈Rules〉</p> <p>604. Special Survey</p> <p>2. Tank protection</p> <p>(1) Where provided, the condition of the corrosion prevention system of ballast tanks is to be examined. For ballast tanks, excluding double bottom ballast tanks, where a hard protective coating is found in POOR condition and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied from the time of construction, the tanks in question are to be examined at annual intervals. Thickness measurements are to be carried out as <u>deemed necessary by the Surveyor</u>. [See Guidance] <u>〈Note newly added〉</u></p> <p>(2) When such breakdown of hard protective coating is found in double bottom ballast tanks and it is not renewed, where a soft or semi-hard coating is applied, or where a hard protective coating has not been applied from the time of construction, the tanks in question may be examined at annual intervals. When <u>considered necessary by the Surveyor</u>, or where extensive corrosion exists, thickness measurements are to be carried out. [See Guidance] <u>〈Note newly added〉</u></p> <p>5. Extent of thickness measurements</p> <p>(3) The Surveyor may further extend the thickness measurements as <u>deemed necessary</u>. [See Guidance] <u>〈Note newly added〉</u></p>	<p style="text-align: center;">〈Rules〉</p> <p>604. Special Survey</p> <p>2. Tank protection</p> <p>(1) Where provided, the condition of the corrosion prevention system of ballast tanks is to be examined. For ballast tanks, excluding double bottom ballast tanks, where a hard protective coating is found in POOR condition and it is not renewed, where a soft or semi-hard coating has been applied, or where a hard protective coating has not been applied from the time of construction, the tanks in question are to be examined at annual intervals. Thickness measurements are to be carried out as <u>"deemed necessary by the Surveyor"</u>. <u>(2023)</u> —[See Guidance]— <u>Note : The term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p> <p>(2) When such breakdown of hard protective coating is found in double bottom ballast tanks and it is not renewed, where a soft or semi-hard coating is applied, or where a hard protective coating has not been applied from the time of construction, the tanks in question may be examined at annual intervals. When <u>"considered necessary by the Surveyor"</u>, or where extensive corrosion exists, thickness measurements are to be carried out. <u>(2023)</u> —[See Guidance]— <u>Note : The term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p> <p>5. Extent of thickness measurements</p> <p>(3) The Surveyor may further extend the thickness measurements as <u>"deemed necessary"</u>. <u>(2023)</u> —[See Guidance]— <u>Note : The term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance.</u></p>	<p>– Introduced from Guidances</p>
<p style="text-align: center;">〈Guidances〉</p> <p>604. Special Survey (2021)</p> <p><u>1. In application to 604. 2 (1) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p> <p><u>2. In application to 604. 2 (2) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p> <p><u>3. In application to 604. 5 (3) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p>	<p style="text-align: center;">〈Guidances〉</p> <p>604. Special Survey (2021)</p> <p><u>1. In application to 604. 2 (1) of the Rules, the term "deemed necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p> <p><u>2. In application to 604. 2 (2) of the Rules, the term "considered necessary by the Surveyor" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p> <p><u>3. In application to 604. 5 (3) of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 3 of the Guidance. [See Rule]</u></p>	<p>– Deleted after moving into Rules</p>

Present	Amendments	Reason												
<p style="text-align: center;">〈Rules〉</p> <p>Table 1.3.13 Minimum requirements for Close-up Survey at Special Survey for Double Skin Bulk Carriers (continued) [See Guidance]</p> <p>2) Ore carriers</p> <table border="1"> <tr> <th></th><th>Special Survey No. 3</th><th>Special Survey No. 4 and Subsequent</th></tr> <tr> <td>〈omitted〉</td><td>4. Additional web frame rings in void spaces as <u>deemed necessary by the Society</u> (*1)</td><td>4. Additional web frame rings in void spaces as <u>deemed necessary by the Society</u> (*1)</td></tr> </table> <p>(NOTES) 1. ~ 2. 〈omitted〉 <u>〈Note newly added〉</u></p> <p>Table 1.3.15 Minimum requirements for tank testing at Special Survey of Double Skin Bulk Carriers</p> <p>(NOTES) 2. The Surveyor may extend the tank testing as <u>deemed necessary</u>. [See Guidance]</p>		Special Survey No. 3	Special Survey No. 4 and Subsequent	〈omitted〉	4. Additional web frame rings in void spaces as <u>deemed necessary by the Society</u> (*1)	4. Additional web frame rings in void spaces as <u>deemed necessary by the Society</u> (*1)	<p style="text-align: center;">〈Rules〉</p> <p>Table 1.3.13 Minimum requirements for Close-up Survey at Special Survey for Double Skin Bulk Carriers (continued) <u>(2023)</u> [See Guidance]</p> <p>2) Ore carriers</p> <table border="1"> <tr> <th></th><th>Special Survey No. 3</th><th>Special Survey No. 4 and Subsequent</th></tr> <tr> <td>〈same as the current Rules〉</td><td>4. Additional web frame rings in void spaces as <u>"deemed necessary by the Society"</u> (*1)</td><td>4. Additional web frame rings in void spaces as <u>"deemed necessary by the Society"</u> (*1)</td></tr> </table> <p>(NOTES) 1. ~ 2. 〈same as the current Rules〉 <u>3. The term "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance. (2023)</u></p> <p>Table 1.3.15 Minimum requirements for tank testing at Special Survey of Double Skin Bulk Carriers</p> <p>(NOTES) 2. The Surveyor may extend the tank testing as <u>"deemed necessary"</u>. <u>Where the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. (2023)</u> [See Guidance]</p>		Special Survey No. 3	Special Survey No. 4 and Subsequent	〈same as the current Rules〉	4. Additional web frame rings in void spaces as <u>"deemed necessary by the Society"</u> (*1)	4. Additional web frame rings in void spaces as <u>"deemed necessary by the Society"</u> (*1)	<p>– Introduced from Guidances</p>
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<p style="text-align: center;">〈Guidances〉</p> <p>4. In application to Table 1.3.13 of the Rules, the term "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance. [See Rule]</p> <p>5. In application to Table 1.3.15 NOTES 2 of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. [See Rule] ⚡</p>	<p style="text-align: center;">〈Guidances〉</p> <p>4. In application to Table 1.3.13 of the Rules, the term "deemed necessary by the Society" means the cases as specified in Ch 1, 801. 5 of the Guidance. [See Rule]</p> <p>5. In application to Table 1.3.15 NOTES 2 of the Rules, the term "deemed necessary" means the cases as specified in Ch 1, 801. 4 of the Guidance. [See Rule] ⚡</p>	<p>– Deleted after moving into Rules</p>												

(Draft)

Amended Guidance Relating to the Rules for the Classification of Steel Ships

(Part 1 Classification and Surveys)

(For External Opinion Inquiry)

Sep. 2022



- Main Amendments -

(1) Effective date : 1 July. 2023 (Date of which the application for survey is submitted)

- Clarification of Classification Survey after Construction
- Updating of passenger ship's Special Feature Notation in Annex 1-1

(1) Effective date : 1 July 2023

(Date of which application for survey is submitted)

Present	Amendments	Reason
<p style="text-align: center;">CHAPTER 1 CLASSIFICATION Section 4 Classification Survey after Construction</p> <p>401. Classification Survey after Construction [See Rule]</p> <p>1. ~ 2. <omitted></p> <p>3. In application to 401. of the Rules, "as required for the Special Survey" means to carry out the relevant survey of Special Survey including thickness measurements, Docking Survey, Surveys of Propeller Shaft and Stern Tube Shaft, Etc., Boiler Survey of which is to be based on the age and type of the vessel. However, the following survey may be applied to passenger ships of less than 5 years of age that are to be transferred of classification without alteration or modification from any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS. (2022)</p> <p>(1) Dock Survey After reviewing the ship's age, operation history, previous repair history, etc., it may be replaced with In-water Survey in lieu of Docking Survey.</p> <p>(2) Open-up survey of main and auxiliary engines In case the open-up period recommended by the manufacturer is not exceeded after the previous open-up survey, the open-up survey is to be in accordance with Ch. 2, 303. 1~ 4. of the Rules</p> <p>(3) Survey of Propeller shaft and stern tube shaft (A) For oil lubricated shafts or closed loop system fresh water lubricated shafts, the survey is to be carried out in accordance with Ch 2, 702. 2 (2) of the Rules. (B) For open system water lubricated shafts, the survey is to be carried out in accordance with Ch 2, 703. 2 (2) of the Rules.</p> <p>(4) Boiler Survey The survey is to be carried out in accordance with Ch 2, 802. 2 of the Rules.</p> <p><u>4. The Society may request further examinations, tests and measurements, including but not limited to material testing, non-destructive testing, hydraulic and hydrostatic tests and sea trial.</u></p> <p><u>5. Where the vessel has, during any portion of the five years prior to the request for classification being received, been previously classed by the Society or a Society subject to verification of compliance with QSCS and has not been subject to alteration or modification since class was withdrawn, the survey requirements may be specially considered but are not to be less than the following: (2020)</u></p> <p>(1) for vessels previously classed with the Society - all overdue surveys and overdue conditions of class, or (2) for vessels previously classed with a Society subject to verification of compliance with QSCS - surveys the same as those required by 403. of the Guidance.</p> <p><u>6. In the case of Passenger Ships and Fishing Vessels that are transferred from other IACS, the survey items apply above Paragraph 1, 2, 3 and 4 only. (2017)</u></p>	<p style="text-align: center;">CHAPTER 1 CLASSIFICATION Section 4 Classification Survey after Construction</p> <p>401. Classification Survey after Construction (2023) [See Rule]</p> <p>1. ~ 2. <same as the current Guidance></p> <p>3. In application to 401. of the Rules, "as required for the Special Survey" means to carry out the relevant survey of Special Survey including thickness measurements, Docking Survey, Surveys of Propeller Shaft and Stern Tube Shaft, Etc., Boiler Survey of which is to be based on the age and type of the vessel. <u>In the case of Passenger Ships and Fishing Vessels that are TOC, the survey items of para. 1. and 2. of the Rules and above para 1. and 2. are to be applied.</u></p> <p>However, the following survey may be applied to passenger ships of less than 5 years of age that are to be transferred of classification without alteration or modification from any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS. (2023)</p> <p>(1) ~ (4) <same as the current Guidance></p> <p>4. The Society may request further examinations, tests and measurements, including but not limited to material testing, non-destructive testing, hydraulic and hydrostatic tests and sea trial:</p> <p><u>4. 5.</u> <same as the current Guidance></p> <p>6. In the case of Passenger Ships and Fishing Vessels that are transferred from other IACS, the survey items apply above Paragraph 1, 2, 3 and 4 only.</p>	<p>- Deleted after moving into 1. 401 of the Rule</p> <p>- Updating 3. while deleting 6. below.</p> <p>- Deleted after moving into 2. 401 of the Rule</p> <p>- Adjusting No.</p> <p>- Deleted after moving into 3.</p>

Present					Reason																							
Annex 1-1 Character of Classification					- At the request of the Tanker Team by e-mail on 4th Jan. 2022																							
1. Class Notation																												
<table><tr><th>Ship Types</th><th colspan="3">Special Feature Notations</th><th>Remarks</th></tr><tr><td colspan="5">⋈</td></tr><tr><td rowspan="2">14. Passenger Ship</td><td>A (Type)</td><td>B (Additional purpose)</td><td>C</td><td>- : Additional notation is not required for passenger ship built to carry passenger exclusively.</td></tr><tr><td>- Hydrofoil Side Wall Air Cushion Vehicle Hover Craft Catamaran Submersible</td><td>- Cargo Container Leisure Car Ferry⁽¹⁹⁻⁴⁾⁽²³⁻¹⁾ Car Ferry^{(SCS)(23-2)} RoRo⁽²³⁻³⁾</td><td>Max. submerging depth and time for submersible</td><td>(23-1) : Ships with Vehicle Spaces specified in Pt 7, Annex 7-3 of the Guidance or ships with spaces intended for carriage of vehicle except Special Category Spaces or RoRo Spaces specified in SOLAS Ch.II-2. (23-2) : Ships with Special Category Spaces specified in SOLAS Ch.II-2 or IMO HSC Code (International Code of Safety for High-speed Craft). (23-3) : Ships with RoRo Spaces specified in SOLAS Ch.II-2 or IMO HSC Code(International Code of Safety for High-speed Craft).</td></tr><tr><td colspan="5">⋈</td></tr></table>						Ship Types	Special Feature Notations			Remarks	⋈					14. Passenger Ship	A (Type)	B (Additional purpose)	C	- : Additional notation is not required for passenger ship built to carry passenger exclusively.	- Hydrofoil Side Wall Air Cushion Vehicle Hover Craft Catamaran Submersible	- Cargo Container Leisure Car Ferry ⁽¹⁹⁻⁴⁾⁽²³⁻¹⁾ Car Ferry ^{(SCS)(23-2)} RoRo ⁽²³⁻³⁾	Max. submerging depth and time for submersible	(23-1) : Ships with Vehicle Spaces specified in Pt 7, Annex 7-3 of the Guidance or ships with spaces intended for carriage of vehicle except Special Category Spaces or RoRo Spaces specified in SOLAS Ch.II-2. (23-2) : Ships with Special Category Spaces specified in SOLAS Ch.II-2 or IMO HSC Code (International Code of Safety for High-speed Craft). (23-3) : Ships with RoRo Spaces specified in SOLAS Ch.II-2 or IMO HSC Code(International Code of Safety for High-speed Craft).	⋈			
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Amendments					: If a ship with vehicle spaces as a High Speed and Light Craft does not apply to Pt 7, Annex 7-3 of the Guidances, inquire whether it is possible to grant Special Feature Notations to Car Ferry.																							
Annex 1-1 Character of Classification																												
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