

(Draft)

# Amended Rules for the Classification of Steel Ships

(Part 1 Classification and Surveys)

(For External Opinion Inquiry)



Feb. 2023

## **- Main Amendments -**

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

- Clarification for ballast tanks of same type for (Double Skin) Bulk Carriers at Intermediate Survey
  - Addition of Internal Note of IACS Survey Panel

**(1) Effective date : 1 April 2023**

(Date of which application for survey is submitted)

Present	Amendments	Reason						
<p style="text-align: center;"><b>CHAPTER 3 HULL SURVEYS OF SHIPS SUBJECT TO THE ESP</b></p> <p style="text-align: center;"><b>Section 1 General &lt;omitted&gt;</b></p> <p style="text-align: center;"><b>Section 2 Bulk Carriers</b></p> <p>201. ~ 202. &lt;omitted&gt;</p> <p>203. Intermediate Survey</p> <p>1. General &lt;omitted&gt;</p> <p>2. Examination of ballast tanks</p> <p>The examination of ballast tanks in Intermediate Survey is to be in accordance with the follows.</p> <table border="1" data-bbox="103 754 851 922"> <tr> <td data-bbox="103 754 674 810">5 years&lt; age ≤ 10 years<sup>1). 2). 3)</sup></td> <td data-bbox="678 754 851 922" rowspan="2" style="text-align: center;">&lt;omitted&gt;</td> </tr> <tr> <td data-bbox="103 813 674 922">1. Overall Survey of representative ballast tanks 2. Overall Survey and Close-up Survey of suspect areas identified at previous surveys</td> </tr> </table> <p>(NOTES)</p> <p>1) &lt;omitted&gt;.</p> <p>2) Where POOR coating condition, corrosion or other defects are found in ballast tanks or where a hard protective coating was not applied from the time of construction, the examination is to be extended to other <u>ballast tanks of the same type</u>. &lt;newly added&gt;</p> <p>3) &lt;omitted&gt;</p> <p style="text-align: center;">&lt;hereinafter, omitted&gt;</p>	5 years< age ≤ 10 years <sup>1). 2). 3)</sup>	<omitted>	1. Overall Survey of representative ballast tanks 2. Overall Survey and Close-up Survey of suspect areas identified at previous surveys	<p style="text-align: center;"><b>CHAPTER 3 HULL SURVEYS OF SHIPS SUBJECT TO THE ENHANCED SURVEY PROGRAMME</b></p> <p style="text-align: center;"><b>Section 1 General &lt;same as the current Rule&gt;</b></p> <p style="text-align: center;"><b>Section 2 Bulk Carriers</b></p> <p>201. ~ 202. &lt;same as the current Rule&gt;</p> <p>203. Intermediate Survey</p> <p>1. General &lt;same as the current Rule&gt;</p> <p>2. Examination of ballast tanks</p> <p>The examination of ballast tanks in Intermediate Survey is to be in accordance with the follows.</p> <table border="1" data-bbox="889 754 1886 922"> <tr> <td data-bbox="889 754 1529 810">5 years&lt; age ≤ 10 years<sup>1). 2). 3)</sup></td> <td data-bbox="1534 754 1886 922" rowspan="2" style="text-align: center;">&lt;same as the current Rule&gt;</td> </tr> <tr> <td data-bbox="889 813 1529 922">1. Overall Survey of representative ballast tanks 2. Overall Survey and Close-up Survey of suspect areas identified at previous surveys</td> </tr> </table> <p>(NOTES)</p> <p>1) &lt;hereinafter, same as the current Rule&gt;.</p> <p>2) Where POOR coating condition, corrosion or other defects are found in ballast tanks or where a hard protective coating was not applied from the time of construction, the examination is to be extended to <u>other ballast tanks of the same type*</u>. <i>(2023)</i></p> <p style="margin-left: 40px;">* Other ballast tanks of same type is to be applied as follows:</p> <p style="margin-left: 80px;">a) aft peak &amp; fore peak shall be considered as same type.</p> <p style="margin-left: 80px;">b) In case other ballast tanks are not of identical construction, the additional several tanks are to be examined because the progression of corrosion is not only related to the construction type, and the corrosion prevention system and the history of usage of the tanks are to be considered.</p> <p style="margin-left: 80px;">c) In case of water ballast hold, all water ballast holds are surveyed.</p> <p>3) &lt;same as the current Rule&gt;</p> <p style="text-align: center;">&lt;hereinafter, same as the current Rule&gt;</p>	5 years< age ≤ 10 years <sup>1). 2). 3)</sup>	<same as the current Rule>	1. Overall Survey of representative ballast tanks 2. Overall Survey and Close-up Survey of suspect areas identified at previous surveys	<p>E-mail request from Survey Team (14th Dec. 2022)</p> <p>– Clarification for ballast tanks of same type is to be applied in accordance with the Internal Note of IACS Survey PANEL.</p>
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<p style="text-align: center;"><b>Section 6 Double Skin Bulk Carriers</b></p> <p>601. ~ 602. &lt;omitted&gt;</p> <p><b>603. Intermediate Survey</b></p> <p><b>1. General &lt;omitted&gt;</b></p> <p><b>2. Examination of ballast tanks</b></p> <p>The examination of ballast tanks in Intermediate Survey is to be in accordance with the follows.</p> <table border="1" data-bbox="103 676 851 842"> <tr> <td style="text-align: center;">5 years&lt; age ≤ 10 years<sup>1), 2), 3)</sup></td> <td rowspan="2" style="text-align: center;">&lt;omitted&gt;</td> </tr> <tr> <td>1. Overall Survey of representative ballast tanks 2. Overall Survey and Close-up Survey of suspect areas identified at previous surveys</td> </tr> </table> <p>(NOTES)</p> <p>1) &lt;omitted&gt;.</p> <p>2) Where POOR coating condition, corrosion or other defects are found in ballast tanks or where a hard protective coating was not applied from the time of construction, the examination is to be extended to other <u>ballast tanks of the same type</u>.</p> <p style="color: blue; text-decoration: underline;">&lt;newly added&gt;</p> <p>3) &lt;omitted&gt;</p> <p style="text-align: center;">&lt;hereinafter, omitted&gt;</p>	5 years< age ≤ 10 years <sup>1), 2), 3)</sup>	<omitted>	1. Overall Survey of representative ballast tanks 2. Overall Survey and Close-up Survey of suspect areas identified at previous surveys	<p style="text-align: center;"><b>Section 6 Double Skin Bulk Carriers</b></p> <p>601. ~ 602. &lt;same as the current Rule&gt;</p> <p><b>603. Intermediate Survey</b></p> <p><b>1. General &lt;same as the current Rule&gt;</b></p> <p><b>2. Examination of ballast tanks</b></p> <p>The examination of ballast tanks in Intermediate Survey is to be in accordance with the follows.</p> <table border="1" data-bbox="889 676 1883 842"> <tr> <td style="text-align: center;">5 years&lt; age ≤ 10 years<sup>1), 2), 3)</sup></td> <td rowspan="2" style="text-align: center;">&lt;same as the current Rule&gt;</td> </tr> <tr> <td>1. Overall Survey of representative ballast tanks 2. Overall Survey and Close-up Survey of suspect areas identified at previous surveys</td> </tr> </table> <p>(NOTES)</p> <p>1) &lt;hereinafter, same as the current Rule&gt;.</p> <p>2) Where POOR coating condition, corrosion or other defects are found in ballast tanks or where a hard protective coating was not applied from the time of construction, the examination is to be extended to <u>other ballast tanks of the same type*</u>. <span style="color: blue; text-decoration: underline;">(2023)</span></p> <p style="color: blue; text-decoration: underline;">* Other ballast tanks of same type are to be applied as followings:</p> <p style="color: blue; text-decoration: underline;">a) aft peak &amp; fore peak shall be considered as same type.</p> <p style="color: blue; text-decoration: underline;">b) In case other ballast tanks are not of identical construction, the additional several tanks are to be examined because the progression of corrosion is not only related to the construction type, and the corrosion prevention system and the history of usage of the tanks are to be considered.</p> <p style="color: blue; text-decoration: underline;">c) In case of water ballast hold, all water ballast holds are surveyed.</p> <p>3) &lt;same as the current Rule&gt;</p> <p style="text-align: center;">&lt;hereinafter, same as the current Rule&gt;</p>	5 years< age ≤ 10 years <sup>1), 2), 3)</sup>	<same as the current Rule>	1. Overall Survey of representative ballast tanks 2. Overall Survey and Close-up Survey of suspect areas identified at previous surveys	<p>E-mail request from Survey Team (14th Dec. 2022)</p> <p>– Clarification for ballast tanks of same type is to be applied in accordance with the Internal Note of IACS Survey PANEL.</p>
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(Draft)

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

(Part 1 Classification and Surveys)

(For External Opinion Inquiry)



Feb 2023

## - Main Amendments -

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

- Clarification for “Representative ballast spaces” and the acceptance of thickness measurement during TOC
  - Added two(2) Internal Notes of IACS Survey Panel

**(1) Effective date : 1 April 2023**

(Date of which application for survey is submitted)

Present	Amendments	Reason
<p style="text-align: center;"><b>CHAPTER 1 CLASSIFICATION</b></p> <p style="text-align: center;">Section 2 ~ 3 &lt;omitted&gt;</p> <p style="text-align: center;">Section 4 Classification Survey after Construction</p> <p>401. ~ 402. &lt;omitted&gt;</p> <p>403. Classification Survey of ships classed by other classes or TOC(Transfer of Classification) (2020) [See Rule] &lt;omitted&gt;</p> <p>1. ~ 3. &lt;omitted&gt;</p> <p>4. Classification Survey &lt;omitted&gt;</p> <p>(1) When a ship is classed by the Society as a results of transfer of class (A) &lt;omitted&gt;</p> <p>(a) Hull Classification Survey (i) &lt;omitted&gt; (ii) For vessels between 5 and 10 years of age, the survey is to include the scope of an Annual Survey and inspection of <u>a representative number of ballast spaces.</u> (iii) For vessels of 10 years of age and above but less than 20 years of age, the survey is to include the scope of an Annual Survey and inspection of <u>a representative number of ballast spaces</u> and cargo spaces, except for: (2019) ① ~ ② &lt;omitted&gt;</p> <p style="text-align: center;"><u>&lt;note newly added&gt;</u></p> <p>(iv) ~ (ix) &lt;omitted&gt;</p>	<p style="text-align: center;"><b>CHAPTER 1 CLASSIFICATION</b></p> <p style="text-align: center;">Section 2 ~ 3 &lt;same as the current Guidance&gt;</p> <p style="text-align: center;">Section 4 Classification Survey after Construction</p> <p>401. ~ 402. &lt;same as the current Guidance&gt;</p> <p>403. Classification Survey of ships classed by other classes or TOC(Transfer of Classification) (2020) [See Rule] &lt;same as the current Guidance&gt;</p> <p>1. ~ 3. &lt;same as the current Guidance&gt;</p> <p>4. Classification Survey &lt;same as the current Guidance&gt;</p> <p>(1) When a ship is classed by the Society as a results of transfer of class (A) &lt;same as the current Guidance&gt;</p> <p>(a) Hull Classification Survey (i) &lt;same as the current Guidance&gt; (ii) For vessels between 5 and 10 years of age, the survey is to include the scope of an Annual Survey and inspection of <u>a representative number of ballast spaces*</u>. (2023) (iii) For vessels of 10 years of age and above but less than 20 years of age, the survey is to include the scope of an Annual Survey and inspection of <u>a representative number of ballast spaces*</u> and cargo spaces, except for: (2023) ① ~ ② &lt;same as the current Guidance&gt;</p> <p style="text-align: center;"><u>* Note : Representative ballast tanks include the fore and aft peak tanks and a number of other tanks, taking into account the total number and type of ballast tanks.</u></p> <p>(iv) ~ (ix) &lt;same as the current Guidance&gt;</p>	<p>E-mail request from Survey Team (14th Dec. 2022)</p> <p>– A Clarification for “a representative number of ballast spaces” of Classification Survey at TOC is to be applied in accordance with the Internal Note of IACS Survey PANEL.</p>

Present	Amendments	Reason
<p>(x) In the context of applying (i) to (viii) above, as applicable, consideration may be given by the Society to the acceptance of thickness measurements taken by the losing society provided;</p> <p>① if the Classification Survey is to be credited as a periodical survey for maintenance of class, they were carried out within the applicable survey window of the periodical survey in question.</p> <p>② if the Classification Survey is not to be credited as a periodical survey for maintenance of class, they were carried out;</p> <ul style="list-style-type: none"> <li>- within 15 months prior to completion of Classification Survey when it is in the scope of a Special Survey,</li> <li>- within 18 months prior to completion of Classification Survey when it is in the scope of an Intermediate Survey.</li> </ul> <p>In ① and ② both cases, the thickness measurements are to be reviewed by the Society for compliance with the applicable survey requirements, and <u>confirmatory gaugings</u> are to be taken to the satisfactory of the Society.</p> <p><a href="#">(Note newly added)</a> (hereinafter, omitted)</p> <p><a href="#">(for reference)</a> PSU22050 : The acceptance of thickness measurement(TM) during TOC</p> <p><b>Background</b></p> <ul style="list-style-type: none"> <li>- Only TOC entry survey is carried out, not actual special survey(SS), and TOC entry survey scope is 4th SS based on PR 1A.</li> <li>- Intermediate survey(IS)/TM was conducted by Losing Society(LS)10 months ago as a scope of 3<sup>rd</sup> SS in accordance with UR Z10.2. Based on PR 1A, TM by LS may be accepted subject to confirmatory gauging.</li> <li>- For this case, it is found that TM scope between TOC entry survey (4th SS scope) and Last IS(3rd SS scope) has the difference.</li> </ul> <p><b>e.g.</b> one of differences: (TOC survey as 4th SS scope) 3 belt gauging, (IS as 3<sup>rd</sup> SS scope) 2 belt gauging</p> <p><b>Internal Note</b> The full scope of the 4th SS requirements including additional TM is to be applied for this case.</p>	<p>(x) In the context of applying (i) to (viii) above, as applicable, consideration may be given by the Society to the acceptance of thickness measurements taken by the losing society provided;</p> <p>① if the Classification Survey is to be credited as a periodical survey for maintenance of class, they were carried out within the applicable survey window of the periodical survey in question.</p> <p>② if the Classification Survey is not to be credited as a periodical survey for maintenance of class, they were carried out;</p> <ul style="list-style-type: none"> <li>- within 15 months prior to completion of Classification Survey when it is in the scope of a Special Survey,</li> <li>- within 18 months prior to completion of Classification Survey when it is in the scope of an Intermediate Survey.</li> </ul> <p>In ① and ② both cases, the thickness measurements are to be reviewed by the Society for compliance with the applicable survey requirements, and <u>confirmatory gaugings*</u> are to be taken to the satisfactory of the Society. <a href="#">(2023)</a></p> <p><u>* Note : Where the scope of thickness measurements required by the Society is different from the scope of thickness measurements taken by the losing Society, additional thickness measurements by the difference are to be carried out together with the confirmatory gaugings.</u></p> <p>(hereinafter, same as the current Guidance)</p>	<p>Survey Team's letter (SUR3000-48-2023, 10<sup>th</sup> Jan. 2023)</p> <p>- An IACS Internal Note was issued through the Survey Panel to clarify the IACS PR1A phrases in the process of taking action on finding pointed out by the 2022 EMSA Inspection in relation to the TOC Classification Survey</p>