

Amendment on 27 June 2024
Resolved by Technical Committee on 30 January 2024

Guidance for Inspection Reports by Ship Personnel

Object of Amendment

Guidance for the Survey and Construction of Steel Ships Part B

Reason for Amendment

IMO Resolution A.1049(27) (2011 ESP Code) specifies requirements related to the Enhanced Survey Programme for bulk carriers and oil tankers, and it has already been incorporated into Part B of the Rules and Guidance for the Survey and Construction of Steel Ships

The resolution and the corresponding IACS UR Z10 series specify that a “record of inspections by ship personnel” is listed as one of the documents to be kept on board and the guidance is provided as an example.

The above guidance has not yet been incorporated in the Rules, however, since Z10.3 (for chemical tankers) has been amended to refer to the guidance, relevant requirements in the Rules are amended to incorporate this guidance. In addition, the requirements related to the Survey Planning Questionnaire and the Survey Programme are revised.

Outline of Amendment

- (1) Incorporate the guidance for “inspection reports by ship personnel” used in the IACS UR Z10 series into the Rules.
- (2) Revise requirements related to the Survey Planning Questionnaire and the Survey Programme that are required to be submitted for ships subject to the Enhanced Survey Programme.

Effective Date and Application

This amendment applies to surveys commenced on or after 1 July 2024.

ID: DH23-09

Amended-Original Requirements Comparison Table (Guidance for Inspection Reports by Ship Personnel)

Amended	Original	Remarks
<p align="center">GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</p> <p align="center">Part B CLASS SURVEYS</p> <p align="center">B1 GENERAL</p> <p>B1.4 Preparation for Survey and Other Items</p> <p>B1.4.2 Preparation for Surveys</p> <p>6 In oil tankers, bulk carriers and ships carrying dangerous chemicals in bulk with integral tanks, the following documents from (1) to (9) are to be kept on board the ship to be readily available for the Surveyor. In general dry cargo ships of not less than 500 <i>gross tonnage</i>, at least (1) and (3) of the following documents are to be kept on board the ship.</p> <ol style="list-style-type: none"> (1) Records on structural surveys (2) Condition evaluation report. Where the language used in preparation of the report is not English, a translation into English is to be included. (and see the requirement in B5.2.6-6(6) for bulk carriers built under Part CSR-B or CSR-B&T of the Rules and all oil tankers) (3) Thickness measurement reports (4) Main structural plans for hull (for ships built under Part CSR-B, CSR-T or CSR-B&T of the Rules, these plans are to include both as-built and renewal thickness. Any thickness for voluntary additions is also to be clearly indicated on the plans. A midship section plan to be 	<p align="center">GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</p> <p align="center">Part B CLASS SURVEYS</p> <p align="center">B1 GENERAL</p> <p>B1.4 Preparation for Survey and Other Items</p> <p>B1.4.2 Preparation for Surveys</p> <p>6 In oil tankers, bulk carriers and ships carrying dangerous chemicals in bulk with integral tanks, the following documents from (1) to (9) are to be kept on board the ship to be readily available for the Surveyor. In general dry cargo ships of not less than 500 <i>gross tonnage</i>, at least (1) and (3) of the following documents are to be kept on board the ship.</p> <ol style="list-style-type: none"> (1) Records on structural surveys (2) Condition evaluation report. Where the language used in preparation of the report is not English, a translation into English is to be included. (and see the requirement in B5.2.6-6(6) for bulk carriers built under Part CSR-B or CSR-B&T of the Rules and all oil tankers) (3) Thickness measurement reports (4) Main structural plans for hull (for ships built under Part CSR-B, CSR-T or CSR-B&T of the Rules, these plans are to include both as-built and renewal thickness. Any thickness for voluntary additions is also to be clearly indicated on the plans. A midship section plan to be 	

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<p>supplied on board the ship is to include the minimum allowable hull girder sectional properties for transverse sections in all cargo holds of bulk carriers or cargo tanks of double hull oil tankers specified in either 1.4 Section 2 Chapter 13, Part CSR-B, Section 12, Part CSR-T or 2.2, Section 2, Chapter 13, Part 1, Part CSR-B&T of the Rules.)</p> <p>(5) Cargo and ballast history</p> <p>(6) Previous repair history</p> <p>(7) Records of inspections by ship’s personnel with reference to structural deterioration in general, the leakage in bulkheads and piping and the condition of coating or corrosion prevention system, if any. <u>An example of the format which can be used for such records is shown in Form B1-1, but other formats may be used instead.</u></p> <p>(8) In oil tankers and ships carrying dangerous chemicals in bulk, extent of use of inert gas plant and tank cleaning procedures</p> <p>(9) Any other information that will help identify Suspect Areas requiring inspection</p> <p>However, ships which do not engage in international voyages and are classed for restricted service such as having class notation “Coasting Service”, “Smooth Water Service”, etc., as specified in 1.4.2-2, Part B of the Rules need not keep on board the document of (2) above.</p> <p>7 <u>The applicant is to submit a Survey Planning Questionnaire including the following information from (1) to (6) prior to the development of the Survey Programme referred to in 1.4.2-2, Part B of the Rules.</u></p>	<p>supplied on board the ship is to include the minimum allowable hull girder sectional properties for transverse sections in all cargo holds of bulk carriers or cargo tanks of double hull oil tankers specified in either 1.4 Section 2 Chapter 13, Part CSR-B, Section 12, Part CSR-T or 2.2, Section 2, Chapter 13, Part 1, Part CSR-B&T of the Rules.)</p> <p>(5) Cargo and ballast history</p> <p>(6) Previous repair history</p> <p>(7) Records of inspections by ship’s personnel with reference to structural deterioration in general, the leakage in bulkheads and piping and the condition of coating or corrosion prevention system, if any</p> <p>(8) In oil tankers and ships carrying dangerous chemicals in bulk, extent of use of inert gas plant and tank cleaning procedures</p> <p>(9) Any other information that will help identify Suspect Areas requiring inspection</p> <p>However, ships which do not engage in international voyages and are classed for restricted service such as having class notation “Coasting Service”, “Smooth Water Service”, etc., as specified in 1.4.2-2, Part B of the Rules need not keep on board the document of (2) above.</p> <p>7 <u>For oil tankers, ships carrying dangerous chemicals in bulk with integral tanks and bulk carriers, the applicant is to submit a Survey Planning Questionnaire including the following information from (1) to (6) prior to the development of the Survey Programme referred to in 1.4.2-2, Part B of the Rules.</u></p>	

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<p>(1) Basic ship information and particulars</p> <p>(2) Information on access provision for close-up surveys and thickness measurement</p> <p>(3) Records of inspections by ship’s personnel with reference to structural deterioration in general.</p> <p>(4) List of the reports of Port State Control inspections containing hull structural related deficiencies and relevant information on rectification of those deficiencies</p> <p>(5) List of non-conformities related to hull maintenance, including the associated corrective actions</p> <p>(6) Name, address and Approval Number of the approved thickness measurement company</p> <p>8 The Survey Programme referred to in 1.4.2-2, Part B of the Rules, is to include the following information from (1) to (15). The contents of the Survey Programme are to be agreed upon between the applicant and the surveyor prior to commencement.</p>	<p>(1) Basic ship information and particulars</p> <p>(2) Information on access provision for close-up surveys and thickness measurement</p> <p>(3) Records of inspections by ship’s personnel with reference to structural deterioration in general. <u>(specified in -6(7) above)</u></p> <p>(4) List of the reports of Port State Control inspections containing hull structural related deficiencies and relevant information on rectification of those deficiencies</p> <p>(5) List of non-conformities related to hull maintenance, including the associated corrective actions</p> <p>(6) Name, address and Approval Number of the approved thickness measurement company</p> <p>8 The Survey Programme referred to in 1.4.2-2, Part B of the Rules, is to include the following information from (1) to (8). <u>For oil tankers, ships carrying dangerous chemicals in bulk with integral tanks and bulk carriers, it is to include the following information from (1) to (16). When the Survey Program is submitted to the Society, a copy of each document specified in -6 above is to be attached.</u> The contents of the Survey Programme are to be agreed upon between the applicant and the surveyor prior to commencement.</p>	
<p>(1) Basic ship information and particulars</p> <p>(2) Plan of tanks/holds</p> <p>(3) List of tanks/holds to be surveyed with information on prevention and condition of coating</p> <p>(4) Nomination of tanks and areas for Close-up Survey</p> <p>(5) Nomination of tanks and sections for Thickness Measurement</p> <p>(6) Nomination of tanks for pressure testing (including pipes</p>	<p>(1) Basic ship information and particulars</p> <p>(2) Plan of tanks/holds</p> <p>(3) List of tanks/holds to be surveyed with information on prevention and condition of coating</p> <p>(4) Nomination of tanks and areas for Close-up Survey</p> <p>(5) Nomination of tanks and sections for Thickness Measurement</p> <p>(6) Nomination of tanks for pressure testing (including pipes</p>	

Amended-Original Requirements Comparison Table (Guidance for Inspection Reports by Ship Personnel)

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for ships carrying dangerous chemicals in bulk) (7) Safety conditions for survey (including provisions for access, etc.) (8) Equipment for surveys (9) Minimum thickness data of hull structures (10) Thickness measurement company (if changed from the one specified in the Survey Planning Questionnaire) (11) Damage and repair history (12) Areas identified with substantial corrosion from previous surveys (13) Critical structural areas and suspect areas (if such information is available) (14) Main structural plans for hull (15) Survey Planning Questionnaire specified in -7 above (Deleted)	for ships carrying dangerous chemicals in bulk) (7) Safety conditions for survey (including provisions for access, etc.) (8) Equipment for surveys (9) Minimum thickness data of hull structures (10) Thickness measurement company (if changed from the one specified in the Survey Planning Questionnaire) (11) Damage and repair history (12) Areas identified with substantial corrosion from previous surveys (13) Critical structural areas and suspect areas (if such information is available) (14) Main structural plans for hull (15) Survey Planning Questionnaire specified in -7 above (16) <u>For intermediate surveys, the survey programme at the previous special survey</u>	(Deleted)

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<p><u>Form B1-1</u></p> <hr style="border: 1px solid black; margin: 20px auto; width: 60%;"/> <p style="text-align: center;">OWNER'S INSPECTION REPORT</p> <p style="text-align: center;">Structural condition</p> <p>Ship's name:</p> <p>For tank No:</p> <p>Grade of steel: deck: side: bottom: longitudinal bulkhead: transverse bulkhead:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 10%;">Elements</th> <th style="width: 10%;">Cracks</th> <th style="width: 10%;">Buckles</th> <th style="width: 10%;">Corrosion</th> <th style="width: 10%;">Coating condition</th> <th style="width: 10%;">Pitting</th> <th style="width: 10%;">Modification/repair</th> <th style="width: 10%;">Other</th> </tr> </thead> <tbody> <tr> <td>Deck</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bottom</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Side</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Longitudinal bulkhead</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Transverse bulkhead</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Repairs carried out due to:</p> <p>Thickness measurements carried out (dates): Results in general:</p> <p>Overdue surveys:</p> <p>Outstanding conditions of class:</p> <p>Comments:</p> <p>Date of inspection:</p> <p>Inspected by:</p> <p>Signature:</p> <hr style="border: 1px solid black; margin: 20px auto; width: 60%;"/> <hr style="border: 1px solid black; margin: 20px auto; width: 60%;"/>		Elements	Cracks	Buckles	Corrosion	Coating condition	Pitting	Modification/repair	Other	Deck								Bottom								Side								Longitudinal bulkhead								Transverse bulkhead								<p>(Newly added)</p>
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<p align="center">EFFECTIVE DATE AND APPLICATION</p> <ol style="list-style-type: none"> 1. The effective date of the amendments is 1 July 2024. 2. Notwithstanding the amendments to the Guidance, the current requirements apply to the surveys commenced before the effective date. 		