

Amendment on 27 June 2024

Resolved by Technical Committee on 30 January 2024

## **The Omission of Plans and Documents Required to be Submitted**

### **Object of Amendment**

Rules for the Survey and Construction of Steel Ships Part B  
Rules for Marine Pollution Prevention Systems  
Rules for Radio Installations  
Rules for Ballast Water Management Installations  
Rules for Cargo Refrigerating Installations  
Rules for High Speed Craft  
Rules for the Survey and Construction of Passenger Ships  
Rules for the Survey and Construction of Inland Waterway Ships  
Guidance for the Survey and Construction of Steel Ships Part B  
Guidance for Marine Pollution Prevention Systems  
Guidance for Radio Installations  
Guidance for Ballast Water Management Installations  
Guidance for Cargo Refrigerating Installations  
Guidance for Cargo Handling Appliances  
Guidance for High Speed Craft  
Guidance for the Survey and Construction of Passenger Ships  
Guidance for the Survey and Construction of Inland Waterway Ships  
Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

### **Reason for Amendment**

Requirements in the NK Rules are stipulated on the assumption that relevant plans and documents required to be submitted are going to be printed documents. It, therefore, is specified that, for the purpose of saving time and effort, the submission of plans and documents may be omitted in cases where a ship or machinery is built based on plans and documents which have already been approved.

With the recent development of digital technology and the digitalisation of plans and documents, all necessary plans and documents, including those for ships whose submission of plans and documents has been omitted, can now be confirmed using the Society's drawing approval system "NK-PASS".

Since it is now possible to confirm plans and documents of the ships using said system, even for those plans and documents whose submission has been omitted, the Rules are amended to delete requirements related to such omissions.

### **Outline of Amendment**

Delete requirements related to the omission of plans and documents required to be submitted.

**Effective Date and Application**

This amendment will apply to ships for which the date of contract for construction is on or after 1 July 2024.

An asterisk (\*) after the title of a requirement indicates that there is also relevant information in the corresponding Guidance.

ID: DH23-19

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p style="text-align: center;"><b>RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</b></p> <p style="text-align: center;"><b>Part B CLASS SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval*</b> (Deleted)</p> <p><b>6</b> For ships carrying liquefied gases in bulk, an operation manual stipulated in <b>18.2.1, Part N</b> is to be submitted for approval by the Society.</p> <p><b>7</b> For ships using low-flashpoint fuels, the operational procedures and emergency procedures specified in <b>-3 and -4 of 17.2.2, Part GF</b> are to be submitted for Society approval.</p> <p><b>8</b> For ships that are required to have a damage control plan in accordance with the requirement of <b>2.3.4, Part 1, Part C</b>, the damage control plan is to be submitted for approval by the Society, in addition to the plans and documents as listed in <b>-1</b>.</p> <p><b>9</b> For ships that are required to have emergency towing arrangements in accordance with the requirements of <b>14.5.2, Part 1, Part C</b>, drawings indicating locations of emergency towing</p>	<p style="text-align: center;"><b>RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</b></p> <p style="text-align: center;"><b>Part B CLASS SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval*</b></p> <p><b>6</b> <u>Notwithstanding -1 and -2, part of the plans and documents specified in -1 and -2 may be omitted in accordance with the requirements stipulated otherwise by the Society, in cases where a ship or machinery is built at the same place of manufacture based on plans and documents which have already been approved.</u></p> <p><b>7</b> For ships carrying liquefied gases in bulk, an operation manual stipulated in <b>18.2.1, Part N</b> is to be submitted for approval by the Society.</p> <p><b>8</b> For ships using low-flashpoint fuels, the operational procedures and emergency procedures specified in <b>-3 and -4 of 17.2.2, Part GF</b> are to be submitted for Society approval.</p> <p><b>9</b> For ships that are required to have a damage control plan in accordance with the requirement of <b>2.3.4, Part 1, Part C</b>, the damage control plan is to be submitted for approval by the Society, in addition to the plans and documents as listed in <b>-1</b>.</p> <p><b>10</b> For ships that are required to have emergency towing arrangements in accordance with the requirements of <b>14.5.2, Part 1, Part C</b>, drawings indicating locations of emergency towing</p>	<p>(Deleted)</p>

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>arrangements and construction of the part of the hull where the emergency towing arrangements are installed are to be submitted for approval by the Society, in addition to the plans and documents listed in -1.</p> <p><b>10</b> For ships that are required to have an operating and maintenance manual for the door and inner door in accordance with the requirements of <b>14.10.1.10-1</b> and <b>14.10.2.9-1, Part 1, Part C</b> or <b>21.3.10-1</b> and <b>21.4.9-1, Part CS</b>, the operating and maintenance manual is to be submitted for approval by the Society.</p> <p><b>11</b> For ships required to have a Coating Technical File for dedicated seawater ballast tanks, etc. in accordance with the requirements of <b>3.3.5.3, Part 1, Part C, 22.4.2, Part CS, 1.2.2, Section 5, Chapter 3, Part CSR-B</b> or <b>2.1.1.2, Section 6, Part CSR-T</b>, this file is to be submitted for review by the Society.</p> <p><b>12</b> For ships required to have a Coating Technical File and/or a Corrosion Resistant Steel Technical File for cargo oil tanks in accordance with the requirements of <b>3.3.5.4, Part 1, Part C</b> or <b>22.4.3, Part CS</b>, these files are to be submitted for review by the Society.</p> <p><b>13</b> For ships whose surveys for construction monitoring are carried out in accordance with the requirements in <b>1.1.12</b>, drawings indicating critical structural areas are to be submitted to the Society for approval prior to the commencement of the survey.</p> <p><b>2.1.3 Submission of Other Plans and Documents</b></p> <p><b>1</b> When it is intended to build a ship to the classification with the Society the following plans and documents are to be submitted, in addition to those required in <b>2.1.2</b>:</p> <ul style="list-style-type: none"> <li>(1) Specifications for hull and machinery</li> <li>(2) Calculation sheets for the minimum section modulus of the</li> </ul>	<p>arrangements and construction of the part of the hull where the emergency towing arrangements are installed are to be submitted for approval by the Society, in addition to the plans and documents listed in -1.</p> <p><b>11</b> For ships that are required to have an operating and maintenance manual for the door and inner door in accordance with the requirements of <b>14.10.1.10-1</b> and <b>14.10.2.9-1, Part 1, Part C</b> or <b>21.3.10-1</b> and <b>21.4.9-1, Part CS</b>, the operating and maintenance manual is to be submitted for approval by the Society.</p> <p><b>12</b> For ships required to have a Coating Technical File for dedicated seawater ballast tanks, etc. in accordance with the requirements of <b>3.3.5.3, Part 1, Part C, 22.4.2, Part CS, 1.2.2, Section 5, Chapter 3, Part CSR-B</b> or <b>2.1.1.2, Section 6, Part CSR-T</b>, this file is to be submitted for review by the Society.</p> <p><b>13</b> For ships required to have a Coating Technical File and/or a Corrosion Resistant Steel Technical File for cargo oil tanks in accordance with the requirements of <b>3.3.5.4, Part 1, Part C</b> or <b>22.4.3, Part CS</b>, these files are to be submitted for review by the Society.</p> <p><b>14</b> For ships whose surveys for construction monitoring are carried out in accordance with the requirements in <b>1.1.12</b>, drawings indicating critical structural areas are to be submitted to the Society for approval prior to the commencement of the survey.</p> <p><b>2.1.3 Submission of Other Plans and Documents</b></p> <p><b>1</b> When it is intended to build a ship to the classification with the Society the following plans and documents are to be submitted, in addition to those required in <b>2.1.2</b>:</p> <ul style="list-style-type: none"> <li>(1) Specifications for hull and machinery</li> <li>(2) Calculation sheets for the minimum section modulus of the</li> </ul>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>midship cross section</p> <p>(3) Corrosion prevention scheme (Items included in the Coating Technical Files specified in <b>2.1.2-<u>11</u></b> and <b>-<u>12</u></b> may be omitted.)</p> <p><b>Chapter 10 SURVEYS FOR STEEL BARGES</b></p> <p><b>10.2 Classification Survey during Construction</b></p> <p><b>10.2.2 Submission of Plans and Documents</b></p> <p><b>1 Submission of plans and documents for approval</b> For barges subjected to Classification Survey during Construction, the plans and documents listed in <b>2.1.2-1, -2, -3, -5, -6, -7 and -8</b> which are related to the hull structure and equipment of the barge as well as the following plans and documents are to be submitted to the Society for approval.</p> <p>(1) Skeg construction (2) Construction of the joint between push boat and barge (3) For barges required to have a loading manual in accordance with the requirements of <b>12.1.3 of Part Q</b>: the loading manual including the conditions for loading and other necessary information</p> <p><b>2 Submission of plans and documents for reference</b> For barges subjected to Classification Survey during Construction, the following plans and documents are to be submitted to the Society for reference in addition to the plans and documents for approval specified in <b>-1</b>.</p> <p>(1) Plans and documents listed in <b>2.1.3</b> which are related to the hull structure and equipment of the barge</p>	<p>midship cross section</p> <p>(3) Corrosion prevention scheme (Items included in the Coating Technical Files specified in <b>2.1.2-<u>12</u></b> and <b>-<u>13</u></b> may be omitted.)</p> <p><b>Chapter 10 SURVEYS FOR STEEL BARGES</b></p> <p><b>10.2 Classification Survey during Construction</b></p> <p><b>10.2.2 Submission of Plans and Documents</b></p> <p><b>1 Submission of plans and documents for approval</b> For barges subjected to Classification Survey during Construction, the plans and documents listed in <b>2.1.2-1, -2, -3, -5, -7, -8, and -9</b> which are related to the hull structure and equipment of the barge as well as the following plans and documents are to be submitted to the Society for approval.</p> <p>(1) Skeg construction (2) Construction of the joint between push boat and barge (3) For barges required to have a loading manual in accordance with the requirements of <b>12.1.3 of Part Q</b>: the loading manual including the conditions for loading and other necessary information</p> <p><b>2 Submission of plans and documents for reference</b> For barges subjected to Classification Survey during Construction, the following plans and documents are to be submitted to the Society for reference in addition to the plans and documents for approval specified in <b>-1</b>.</p> <p>(1) Plans and documents listed in <b>2.1.3</b> which are related to the hull structure and equipment of the barge</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>(2) Manuals for towing or pusher</p> <p>(3) Calculation sheets of torsional vibration for generation shafting with a capacity not less than 30 <i>kw</i></p> <p>(4) Calculation sheets of battery capacity for navigation light</p> <p><b>3</b> Submission of plans and documents other than those specified in -1 and -2 may be required where deemed necessary by the Society.</p> <p>(Deleted)</p> <p align="center"><b>Chapter 12 SURVEYS FOR MOBILE OFFSHORE DRILLING UNITS AND SPECIAL PURPOSE BARGES</b></p> <p><b>12.2 Classification Survey during Construction</b></p> <p><b>12.2.2 Submission of Plans and Documents*</b></p> <p>(Deleted)</p>	<p>(2) Manuals for towing or pusher</p> <p>(3) Calculation sheets of torsional vibration for generation shafting with a capacity not less than 30 <i>kw</i></p> <p>(4) Calculation sheets of battery capacity for navigation light</p> <p><b>3</b> Submission of plans and documents other than those specified in -1 and -2 may be required where deemed necessary by the Society.</p> <p><u><b>4</b> Notwithstanding the requirements in -1 and -2, where hull structure or machinery of the barge is built at the same place of manufacturer based on plans and documents which have already been approved by the Society, part of those plans and documents specified in -1 and -2 may be omitted in accordance with the provisions specified elsewhere by the Society.</u></p> <p align="center"><b>Chapter 12 SURVEYS FOR MOBILE OFFSHORE DRILLING UNITS AND SPECIAL PURPOSE BARGES</b></p> <p><b>12.2 Classification Survey during Construction</b></p> <p><b>12.2.2 Submission of Plans and Documents*</b></p> <p><u><b>3</b> Notwithstanding the requirements in -1 and -2, part of the plans and documents specified in -1 and -2 may be omitted in accordance with provisions specified otherwise by the Society, in cases where the unit or machinery is to be built at the same place of manufacture based on plans and documents which have already been approved.</u></p>	<p>(Deleted)</p> <p>(Deleted)</p>

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p><b>Chapter 15 SURVEYS FOR WORK-SHIPS</b></p> <p><b>15.2 Classification Surveys during Construction</b></p> <p><b>15.2.2 Submission of Plans and Documents*</b> (Deleted)</p>	<p><b>Chapter 15 SURVEYS FOR WORK-SHIPS</b></p> <p><b>15.2 Classification Surveys during Construction</b></p> <p><b>15.2.2 Submission of Plans and Documents*</b></p> <p><u>4 Notwithstanding -1 and -2, part of the plans and documents specified in -1 and -2 may be omitted in accordance with requirements stipulated otherwise by the Society, in cases where a ship or machinery is built at the same place of manufacture based on plans and documents which have already been approved.</u></p>	<p>(Deleted)</p>

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p style="text-align: center;"><b>RULES FOR MARINE POLLUTION PREVENTION SYSTEMS</b></p> <p style="text-align: center;"><b>Part 2 SURVEYS</b></p> <p><b>Chapter 2 REGISTRATION SURVEYS</b></p> <p><b>2.1 Registration Surveys during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval*</b> (Deleted)</p>	<p style="text-align: center;"><b>RULES FOR MARINE POLLUTION PREVENTION SYSTEMS</b></p> <p style="text-align: center;"><b>Part 2 SURVEYS</b></p> <p><b>Chapter 2 REGISTRATION SURVEYS</b></p> <p><b>2.1 Registration Surveys during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval*</b> <u>5 Notwithstanding the requirements of the preceding -1 and -2, where a ship is constructed or the Marine Pollution Prevention Installations are manufactured or installed by using the plans and documents already approved, the submission of a part of or whole of the plans and documents specified in the preceding -1 and -2 may be omitted under the requirements separately specified by the Society.</u></p>	<p>(Deleted)</p>

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p style="text-align: center;"><b>RULES FOR RADIO INSTALLATIONS</b></p> <p style="text-align: center;"><b>Chapter 2 SURVEYS</b></p> <p><b>2.2 Registration Surveys</b></p> <p><b>2.2.1 Submission of Plans and Documents*</b> (Deleted)</p> <p><b>2</b> The following plans and documents are to be submitted to the Society for reference in addition to the approval plans and documents specified in the preceding -1. Asbestos-free declarations and supporting documents</p>	<p style="text-align: center;"><b>RULES FOR RADIO INSTALLATIONS</b></p> <p style="text-align: center;"><b>Chapter 2 SURVEYS</b></p> <p><b>2.2 Registration Surveys</b></p> <p><b>2.2.1 Submission of Plans and Documents*</b></p> <p><b>2</b> <u>Notwithstanding the requirements in -1 above, submission of the plans and documents for approval may be omitted in accordance with the provisions specified otherwise by the Society, in case where radio installations are intended to be manufactured or installed at the same manufacturer's work based on the plans and documents which have been approved for other ships.</u></p> <p><b>3</b> The following plans and documents are to be submitted to the Society for reference in addition to the approval plans and documents specified in the preceding -1. Asbestos-free declarations and supporting documents</p>	<p>(Deleted)</p>

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p><b>RULES FOR BALLAST WATER MANAGEMENT INSTALLATIONS</b></p> <p><b>Part 2 SURVEYS</b></p> <p><b>Chapter 2 REGISTRATION SURVEYS</b></p> <p><b>2.1 Registration Surveys during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval*</b> (Deleted)</p>	<p><b>RULES FOR BALLAST WATER MANAGEMENT INSTALLATIONS</b></p> <p><b>Part 2 SURVEYS</b></p> <p><b>Chapter 2 REGISTRATION SURVEYS</b></p> <p><b>2.1 Registration Surveys during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval*</b> <u>3 Notwithstanding the requirements of the preceding -1 and -2, where the ballast water management installations are installed according to plans and documents already approved, the submission of a part of or all of the plans and documents specified in the preceding -1 and -2 may be omitted under the requirements separately specified by the Society.</u></p>	<p>(Deleted)</p>

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p style="text-align: center;"><b>RULES FOR CARGO REFRIGERATING INSTALLATIONS</b></p> <p style="text-align: center;"><b>Chapter 2 SURVEYS</b></p> <p><b>2.2 Registration Surveys</b></p> <p><b>2.2.1 Registration Surveys during Construction</b> (Deleted)</p> <p><b>4</b> The following plans and documents are to be submitted to the Society for reference in addition to the approval plans and documents specified in the preceding -3. Asbestos-free declarations and supporting documents</p>	<p style="text-align: center;"><b>RULES FOR CARGO REFRIGERATING INSTALLATIONS</b></p> <p style="text-align: center;"><b>Chapter 2 SURVEYS</b></p> <p><b>2.2 Registration Surveys</b></p> <p><b>2.2.1 Registration Surveys during Construction</b></p> <p><b>4</b> <u>Notwithstanding the requirements in -3, submission of some of the plans and documents specified in -3 may be omitted, in case where the refrigerating installation are intended to be constructed at the same manufacturer’s work based on the plans and documents which have been approved by the Society.</u></p> <p><b>5</b> The following plans and documents are to be submitted to the Society for reference in addition to the approval plans and documents specified in the preceding -3. Asbestos-free declarations and supporting documents</p>	<p>(Deleted)</p>

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p><b>RULES FOR HIGH SPEED CRAFT</b></p> <p><b>Part 2 CLASS SURVEYS</b></p> <p><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval*</b> (Deleted)</p> <p><b>6</b> For crafts using low-flashpoint fuels, the operational procedures and emergency procedures specified in -3 and -4 of <b>17.2.2, Part GF of the Rules for the Survey and Construction of Steel Ships</b> are to be submitted for Society approval.</p> <p><b>2.1.3 Submission of Other Plans and Documents</b> (Deleted)</p>	<p><b>RULES FOR HIGH SPEED CRAFT</b></p> <p><b>Part 2 CLASS SURVEYS</b></p> <p><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval*</b> <u>6</u> Notwithstanding the requirements specified in -1 and -2, <u>submission of the plans and documents specified in -1 and -2 may be omitted in accordance with the provisions specified otherwise by the Society, in the case where a craft or machinery is intended to be built at the same manufacturer's work based on the plans and documents which have been approved for other craft.</u></p> <p><u>7</u> For crafts using low-flashpoint fuels, the operational procedures and emergency procedures specified in -3 and -4 of <b>17.2.2, Part GF of the Rules for the Survey and Construction of Steel Ships</b> are to be submitted for Society approval.</p> <p><b>2.1.3 Submission of Other Plans and Documents</b> <u>2</u> Notwithstanding the requirements specified in -1, <u>submission of the plans and documents specified in -1 may be omitted in accordance with the provisions specified otherwise by the Society, in the case where a craft or machinery is intended to be built at the same manufacturer's work based on the plans and documents which have been approved for other craft.</u></p>	<p>(Deleted)</p> <p>(Deleted)</p>

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p style="text-align: center;"><b>RULES FOR THE SURVEY AND CONSTRUCTION OF PASSENGER SHIPS</b></p> <p style="text-align: center;"><b>Part 2 CLASS SURVEY</b></p> <p style="text-align: center;"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p>(Deleted)</p> <p><b>2.1.4 Presence of Surveyors*</b></p> <p><b>1</b> In the Classification Survey during Construction, inspections are to be carried out at necessary stages of the work from its commencement until its completion.</p> <p><b>2</b> Presence of the Surveyor is required at necessary stages specified in 2.1.4-1, 2.1.4-2 and 2.1.4-4, <b>Part B of the Rules for the Survey and Construction of Steel Ships</b>. To implement surveys of items specified otherwise by the Society, in lieu of traditional ordinary surveys where the Surveyor is in attendance, the Society may approve survey methods which it considers to be appropriate.</p> <p><b>3</b> For ships using low-flashpoint fuels, the presence of the</p>	<p style="text-align: center;"><b>RULES FOR THE SURVEY AND CONSTRUCTION OF PASSENGER SHIPS</b></p> <p style="text-align: center;"><b>Part 2 CLASS SURVEY</b></p> <p style="text-align: center;"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b>2.1.4 Omission of Submission of Plans and Documents</b></p> <p><u>Notwithstanding the requirements of 2.1.2 and 2.1.3, submission of the plans and documents specified in 2.1.2 and 2.1.3 may be omitted in accordance with the provisions specified otherwise by the Society, in case where the ship or machinery is intended to be built at the same manufacturer's work based on the plans and documents which have been approved for other ships.</u></p> <p><b>2.1.5 Presence of Surveyors*</b></p> <p><b>1</b> In the Classification Survey during Construction, inspections are to be carried out at necessary stages of the work from its commencement until its completion.</p> <p><b>2</b> Presence of the Surveyor is required at necessary stages specified in 2.1.4-1, 2.1.4-2 and 2.1.4-4, <b>Part B of the Rules for the Survey and Construction of Steel Ships</b>. To implement surveys of items specified otherwise by the Society, in lieu of traditional ordinary surveys where the Surveyor is in attendance, the Society may approve survey methods which it considers to be appropriate.</p> <p><b>3</b> For ships using low-flashpoint fuels, the presence of the</p>	<p>(Deleted)</p>

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>Surveyor is required for tests specified in <b>Part GF of the Rules for the Survey and Construction of Steel Ships</b>, in addition to the tests specified in -1 and -2. To implement surveys, in lieu of traditional ordinary surveys where the Surveyor is in attendance, the Society may approve other survey methods which it considers to be appropriate.</p> <p><b>4</b> For the tests specified in -2 and -3, the applicant is to prepare test plans for review by the Society prior to testing. Test records and/or measurement records are to be submitted to the Society, as required.</p> <p><b>2.1.5 Hydrostatic and Watertight Tests</b> In the Classification Survey during Construction, hydrostatic tests, watertight tests, etc. are to be carried out in accordance with the requirements of 2.1.5(1) and (2), <b>Part B of the Rules for the Survey and Construction of Steel Ships</b>.</p> <p><b>2.1.6 Documents to be Maintained On Board*</b> <b>1</b> At the completion of a classification survey, the Surveyor confirms that the following drawings, plans, manuals, lists, etc., as applicable, of finished version are on board.</p> <p>(1) Documents approved by the Society or their copies</p> <p>(a) Loading manuals (1.1.1-4, <b>Part 3</b>)</p> <p>(b) Operating and maintenance manuals for the door and inner door (7.1.1-1 and 7.4.3-4, <b>Part 3</b>)</p> <p>(c) Damage control plans (3.2.1, <b>Part 4</b>)</p> <p>(d) Stability information booklets (4.3, <b>Part 4</b>)</p> <p>(e) Plans and documents for in-water surveys (5.1.2, <b>Part 2</b>)</p> <p>(f) Coating Technical File (1.1.1-4, <b>Part 3</b>)</p>	<p>Surveyor is required for tests specified in <b>Part GF of the Rules for the Survey and Construction of Steel Ships</b>, in addition to the tests specified in -1 and -2. To implement surveys, in lieu of traditional ordinary surveys where the Surveyor is in attendance, the Society may approve other survey methods which it considers to be appropriate.</p> <p><b>4</b> For the tests specified in -2 and -3, the applicant is to prepare test plans for review by the Society prior to testing. Test records and/or measurement records are to be submitted to the Society, as required.</p> <p><b>2.1.6 Hydrostatic and Watertight Tests</b> In the Classification Survey during Construction, hydrostatic tests, watertight tests, etc. are to be carried out in accordance with the requirements of 2.1.5(1) and (2), <b>Part B of the Rules for the Survey and Construction of Steel Ships</b>.</p> <p><b>2.1.7 Documents to be Maintained On Board*</b> <b>1</b> At the completion of a classification survey, the Surveyor confirms that the following drawings, plans, manuals, lists, etc., as applicable, of finished version are on board.</p> <p>(1) Documents approved by the Society or their copies</p> <p>(a) Loading manuals (1.1.1-4, <b>Part 3</b>)</p> <p>(b) Operating and maintenance manuals for the door and inner door (7.1.1-1 and 7.4.3-4, <b>Part 3</b>)</p> <p>(c) Damage control plans (3.2.1, <b>Part 4</b>)</p> <p>(d) Stability information booklets (4.3, <b>Part 4</b>)</p> <p>(e) Plans and documents for in-water surveys (5.1.2, <b>Part 2</b>)</p> <p>(f) Coating Technical File (1.1.1-4, <b>Part 3</b>)</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>(g) Operational procedures for ships using low-flashpoint fuels <b>(17.2.2-3, Part GF of the Rules for the Survey and Construction of Steel Ships)</b></p> <p>(h) Emergency procedures for ships using low-flashpoint fuels <b>(17.2.2-4, Part GF of the Rules for the Survey and Construction of Steel Ships)</b></p> <p>(2) Other manuals, etc.</p> <p>(a) Operation manuals for the loading computer <b>(1.1.1-4, Part 3)</b></p> <p>(b) Towing and mooring fitting arrangement plans <b>(1.1.1-4, Part 3)</b></p> <p>(c) Booklets for the damage control <b>(3.2.2, Part 4)</b></p> <p>(d) Operating and maintenance instructions for ship machinery and equipment <b>(1.1.1-3, Part 5)</b></p> <p>(e) Fire Control Plans, Fire Safety Operational Booklets, Training manuals and Maintenance plans <b>(5.1.1, Part 7)</b></p> <p>(f) Operation manuals for the helicopter facilities <b>(5.1.1, Part 7)</b></p> <p>(g) Emergency Towing Procedures <b>(1.1.1-4, Part 3)</b></p> <p>(h) Operation manuals for the stability computer <b>(2.5.1(2), Part 4)</b></p> <p>(i) A copy of the <i>IGF</i> Code or national regulations incorporating the provisions of the <i>IGF</i> Code <b>(17.2.2-1, Part GF of the Rules for the Survey and Construction of Steel Ships)</b></p> <p>(j) Polar water operational manual <b>(1.1.1-6, Part 3)</b></p> <p>(k) Total Harmonic Distortion (THD) calculation report <b>(1.1.6, Part H of the Rules for the Survey and Construction of Steel Ships)</b></p>	<p>(g) Operational procedures for ships using low-flashpoint fuels <b>(17.2.2-3, Part GF of the Rules for the Survey and Construction of Steel Ships)</b></p> <p>(h) Emergency procedures for ships using low-flashpoint fuels <b>(17.2.2-4, Part GF of the Rules for the Survey and Construction of Steel Ships)</b></p> <p>(2) Other manuals, etc.</p> <p>(a) Operation manuals for the loading computer <b>(1.1.1-4, Part 3)</b></p> <p>(b) Towing and mooring fitting arrangement plans <b>(1.1.1-4, Part 3)</b></p> <p>(c) Booklets for the damage control <b>(3.2.2, Part 4)</b></p> <p>(d) Operating and maintenance instructions for ship machinery and equipment <b>(1.1.1-3, Part 5)</b></p> <p>(e) Fire Control Plans, Fire Safety Operational Booklets, Training manuals and Maintenance plans <b>(5.1.1, Part 7)</b></p> <p>(f) Operation manuals for the helicopter facilities <b>(5.1.1, Part 7)</b></p> <p>(g) Emergency Towing Procedures <b>(1.1.1-4, Part 3)</b></p> <p>(h) Operation manuals for the stability computer <b>(2.5.1(2), Part 4)</b></p> <p>(i) A copy of the <i>IGF</i> Code or national regulations incorporating the provisions of the <i>IGF</i> Code <b>(17.2.2-1, Part GF of the Rules for the Survey and Construction of Steel Ships)</b></p> <p>(j) Polar water operational manual <b>(1.1.1-6, Part 3)</b></p> <p>(k) Total Harmonic Distortion (THD) calculation report <b>(1.1.6, Part H of the Rules for the Survey and Construction of Steel Ships)</b></p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>(l) Harmonic filter operation guide (<b>1.1.6, Part H of the Rules for the Survey and Construction of Steel Ships</b>)</p> <p>(m) Operation and maintenance procedures for windlasses (<b>16.2.2(2)(e), Part D of the Rules for the Survey and Construction of Steel Ships</b>)</p> <p>(n) Manuals for flooding detection systems (<b>2.4.1, Part 5</b>)</p> <p>(o) Watertight cable penetration register</p> <p>(p) Management plans for inspection and maintenance of mooring equipment (including mooring lines)</p> <p>(q) Technical specification documents for the mooring lines (<b>14.4.4.4, Part 1, Part C of the Rules for the Survey and Construction of Steel Ships</b>)</p> <p>(3) Finished plans specified in <b>2.1.7-1</b></p> <p><b>2</b> For ships engaged on international voyages, the Surveyor confirms that the Ship Construction File contains the necessary documents from the following drawings, plans, manuals and documents, and that the Construction File is on board the ship. Duplicate documents as in -1 are not required.</p> <p>(1) Finished plans of hull structural drawings specified in <b>2.1.7-1</b></p> <p>(2) The following manuals and documents</p> <p>(a) Operating and maintenance manuals for the door and inner door (<b>7.1.1-1 and 7.4.3-4, Part 3</b>)</p> <p>(b) Damage control plans (<b>3.2.1, Part 4</b>)</p> <p>(c) Stability information booklets (<b>4.3, Part 4</b>)</p> <p>(3) Copies of certificates of forgings and castings welded into the hull structures</p> <p>(4) Plans showing locations, sizes and details of equipment forming part of the watertight and weather-tight integrity</p>	<p>(l) Harmonic filter operation guide (<b>1.1.6, Part H of the Rules for the Survey and Construction of Steel Ships</b>)</p> <p>(m) Operation and maintenance procedures for windlasses (<b>16.2.2(2)(e), Part D of the Rules for the Survey and Construction of Steel Ships</b>)</p> <p>(n) Manuals for flooding detection systems (<b>2.4.1, Part 5</b>)</p> <p>(o) Watertight cable penetration register</p> <p>(p) Management plans for inspection and maintenance of mooring equipment (including mooring lines)</p> <p>(q) Technical specification documents for the mooring lines (<b>14.4.4.4, Part 1, Part C of the Rules for the Survey and Construction of Steel Ships</b>)</p> <p>(3) Finished plans specified in <b>2.1.8-1</b></p> <p><b>2</b> For ships engaged on international voyages, the Surveyor confirms that the Ship Construction File contains the necessary documents from the following drawings, plans, manuals and documents, and that the Construction File is on board the ship. Duplicate documents as in -1 are not required.</p> <p>(1) Finished plans of hull structural drawings specified in <b>2.1.8-1</b></p> <p>(2) The following manuals and documents</p> <p>(a) Operating and maintenance manuals for the door and inner door (<b>7.1.1-1 and 7.4.3-4, Part 3</b>)</p> <p>(b) Damage control plans (<b>3.2.1, Part 4</b>)</p> <p>(c) Stability information booklets (<b>4.3, Part 4</b>)</p> <p>(3) Copies of certificates of forgings and castings welded into the hull structures</p> <p>(4) Plans showing locations, sizes and details of equipment forming part of the watertight and weather-tight integrity</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>of the ship, including piping (2.1.2-1(1)(a))</p> <p>(5) Corrosion prevention scheme (2.1.3(1))</p> <p>(6) Plans and documents for in-water surveys (5.1.2, Part 2)</p> <p>(7) Docking plan including locations and other necessary information of all penetrations</p> <p>(8) Plans and documents for Anti-Fouling Systems (2.2.2, Rules for Anti-Fouling Systems on Ships)</p> <p>(9) Test plans, test records, measurements records, etc.</p> <p>(10) Watertight cable penetration register</p> <p><b>3</b> Where deemed necessary by the Society considering the purpose, characteristics, etc. of the ship, the submission of additional documents may be required.</p> <p><b>4</b> For ships engaged on international voyages, it is recommended that all documents listed in -1 above are marked with the <i>IMO</i> ship identification number.</p> <p><b>5</b> At the completion of classification surveys, Surveyors confirm that certificates showing that the following devices have passed all required examinations or tests are maintained on board.</p> <p>(1) Fire pumps (including emergency fire pumps)</p> <p>(2) Fire hoses and nozzles</p> <p>(3) Fire extinguishers (including spare charges)</p> <p>(4) Fire-fighter’s outfits</p> <p>(5) Emergency escape breathing devices</p> <p>(6) Fixed fire-extinguishing systems</p> <p>(7) Fire dampers and power-operated closing doors</p> <p>(8) Fixed fire detection and fire alarm systems and automatic sprinkler systems</p> <p>(9) Fire protection materials</p> <p>(10) Additional equipment required for ships carrying dangerous goods (electrical equipment of an</p>	<p>of the ship, including piping (2.1.2-1(1)(a))</p> <p>(5) Corrosion prevention scheme (2.1.3(1))</p> <p>(6) Plans and documents for in-water surveys (5.1.2, Part 2)</p> <p>(7) Docking plan including locations and other necessary information of all penetrations</p> <p>(8) Plans and documents for Anti-Fouling Systems (2.2.2, Rules for Anti-Fouling Systems on Ships)</p> <p>(9) Test plans, test records, measurements records, etc.</p> <p>(10) Watertight cable penetration register</p> <p><b>3</b> Where deemed necessary by the Society considering the purpose, characteristics, etc. of the ship, the submission of additional documents may be required.</p> <p><b>4</b> For ships engaged on international voyages, it is recommended that all documents listed in -1 above are marked with the <i>IMO</i> ship identification number.</p> <p><b>5</b> At the completion of classification surveys, Surveyors confirm that certificates showing that the following devices have passed all required examinations or tests are maintained on board.</p> <p>(1) Fire pumps (including emergency fire pumps)</p> <p>(2) Fire hoses and nozzles</p> <p>(3) Fire extinguishers (including spare charges)</p> <p>(4) Fire-fighter’s outfits</p> <p>(5) Emergency escape breathing devices</p> <p>(6) Fixed fire-extinguishing systems</p> <p>(7) Fire dampers and power-operated closing doors</p> <p>(8) Fixed fire detection and fire alarm systems and automatic sprinkler systems</p> <p>(9) Fire protection materials</p> <p>(10) Additional equipments required for ships carrying dangerous goods (electrical equipment of an</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>explosion-proof type, detection systems, full protective clothing, portable fire extinguishers and water spraying systems)</p> <p>(11) Watertight doors below the freeboard deck (12) Side scuttles</p> <p><b>2.1.7 Finished Plans</b>  <b>1</b> At the completion of a classification survey, an applicant of the classification of the ship is to prepare finished plans regarding the following drawings, etc., and submit to the Society.</p> <p>(1) General arrangement (2) Midship section, scantling plans (construction profile), deck plans, shell expansion, transverse bulkheads, plans for rudder and rudder stock, and plans for cargo hatch covers (3) Bilge and ballast piping diagrams (4) Fire protection plans (5) Fire extinguishing appliances arrangement (6) Plans and data showing the navigation bridge visibilities</p> <p><b>2</b> For ships that are required to maintain a Ship Construction File on board in accordance with <b>2.1.6-2</b>, the documents contained in the Ship Construction File are also to be submitted to the Society. However, it is not necessary to submit duplicates of any of the documents specified in -1 above and <b>2.1.6-1</b>.</p> <p><b>2.1.8 Verification of Coating Application*</b>  The following will be carried out by the Society prior to reviewing the Coating Technical File for the coatings of internal spaces subject to <b>3.3.5.3, Part 1, Part C of the Rules for the Survey and Construction of Steel Ships</b> in accordance with <b>1.1.1-4, Chapter 1, Part 3</b>:</p>	<p>explosion-proof type, detection systems, full protective clothing, portable fire extinguishers and water spraying systems)</p> <p>(11) Watertight doors below the freeboard deck (12) Side scuttles</p> <p><b>2.1.8 Finished Plans</b>  <b>1</b> At the completion of a classification survey, an applicant of the classification of the ship is to prepare finished plans regarding the following drawings, etc., and submit to the Society.</p> <p>(1) General arrangement (2) Midship section, scantling plans (construction profile), deck plans, shell expansion, transverse bulkheads, plans for rudder and rudder stock, and plans for cargo hatch covers (3) Bilge and ballast piping diagrams (4) Fire protection plans (5) Fire extinguishing appliances arrangement (6) Plans and data showing the navigation bridge visibilities</p> <p><b>2</b> For ships that are required to maintain a Ship Construction File on board in accordance with <b>2.1.7-2</b>, the documents contained in the Ship Construction File are also to be submitted to the Society. However, it is not necessary to submit duplicates of any of the documents specified in -1 above and <b>2.1.7-1</b>.</p> <p><b>2.1.9 Verification of Coating Application*</b>  The following will be carried out by the Society prior to reviewing the Coating Technical File for the coatings of internal spaces subject to <b>3.3.5.3, Part 1, Part C of the Rules for the Survey and Construction of Steel Ships</b> in accordance with <b>1.1.1-4, Chapter 1, Part 3</b>:</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>(1) Check that the Technical Data Sheet and Statement of Compliance or Type Approval Certificate comply with “<i>PERFORMANCE STANDARD FOR PROTECTIVE COATINGS FOR DEDICATED SEAWATER BALLAST TANKS IN ALL TYPE OF SHIPS AND DOUBLE-SIDE SKIN SPACES OF BULK CARRIERS</i>” (IMO Performance Standard for Protective Coatings / IMO resolution MEPC.215(82) as may be amended), however, the Statement of Compliance or Type Approval Certificate is to be a certificate deemed appropriate by the Society;</p> <p>(2) Check that the coating identification on representative containers is consistent with the coating identified in the Technical Data Sheet and Statement of Compliance or Type Approval Certificate in (1) above;</p> <p>(3) Check that the inspector is qualified in accordance with the qualification standards deemed appropriate by the Society;</p> <p>(4) Check that the inspector’s reports of surface preparation and the coating’s application indicate compliance with the manufacturer’s Technical Data Sheet and Statement of Compliance or Type Approval Certificate in (1) above; and</p> <p>(5) Monitor implementation of the coating inspection requirements deemed appropriate by the Society.</p> <p><b>2.2 Classification Survey of Ships Not Built under Survey</b></p> <p><b>2.2.3 Documents to be Maintained On Board</b> At the completion of a classification survey, the Surveyor confirms that documents specified in <b>2.1.6</b> are on board the ship.</p>	<p>(1) Check that the Technical Data Sheet and Statement of Compliance or Type Approval Certificate comply with “<i>PERFORMANCE STANDARD FOR PROTECTIVE COATINGS FOR DEDICATED SEAWATER BALLAST TANKS IN ALL TYPE OF SHIPS AND DOUBLE-SIDE SKIN SPACES OF BULK CARRIERS</i>” (IMO Performance Standard for Protective Coatings / IMO resolution MEPC.215(82) as may be amended), however, the Statement of Compliance or Type Approval Certificate is to be a certificate deemed appropriate by the Society;</p> <p>(2) Check that the coating identification on representative containers is consistent with the coating identified in the Technical Data Sheet and Statement of Compliance or Type Approval Certificate in (1) above;</p> <p>(3) Check that the inspector is qualified in accordance with the qualification standards deemed appropriate by the Society;</p> <p>(4) Check that the inspector’s reports of surface preparation and the coating’s application indicate compliance with the manufacturer’s Technical Data Sheet and Statement of Compliance or Type Approval Certificate in (1) above; and</p> <p>(5) Monitor implementation of the coating inspection requirements deemed appropriate by the Society.</p> <p><b>2.2 Classification Survey of Ships Not Built under Survey</b></p> <p><b>2.2.3 Documents to be Maintained On Board</b> At the completion of a classification survey, the Surveyor confirms that documents specified in <b>2.1.7</b> are on board the ship.</p>	

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p style="text-align: center;"><b>RULES FOR THE SURVEY AND CONSTRUCTION OF INLAND WATERWAY SHIPS</b></p> <p style="text-align: center;"><b>Part 2 CLASS SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval*</b> (Deleted)</p> <p><b>5</b> For ships using low-flashpoint fuels, the operational procedures and emergency procedures specified in -3 and -4 of 17.2.2, Part GF of the Rules for the Survey and Construction of Steel Ships are to be submitted for Society approval.</p>	<p style="text-align: center;"><b>RULES FOR THE SURVEY AND CONSTRUCTION OF INLAND WATERWAY SHIPS</b></p> <p style="text-align: center;"><b>Part 2 CLASS SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval*</b> <b>5</b> <u>Notwithstanding -1 and -2, part of the plans and documents specified in -1 and -2 may be omitted in accordance with the requirements stipulated otherwise by the Society, in cases where a ship or machinery is built at the same place of manufacture based on plans and documents which have already been approved.</u></p> <p><b>6</b> For ships using low-flashpoint fuels, the operational procedures and emergency procedures specified in -3 and -4 of 17.2.2, Part GF of the Rules for the Survey and Construction of Steel Ships are to be submitted for Society approval.</p>	<p>(Deleted)</p>

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p align="center"><b>EFFECTIVE DATE AND APPLICATION</b></p> <ol style="list-style-type: none"> <li>1. The effective date of the amendments is 1 July 2024.</li> <li>2. Notwithstanding the amendments to the Rules, the current requirements apply to ships for which the date of contract for construction is before the effective date.</li> </ol>		

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p style="text-align: center;"><b>GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</b></p> <p style="text-align: center;"><b>Part B CLASS SURVEYS</b></p> <p style="text-align: center;"><b>B2 CLASSIFICATION SURVEYS</b></p> <p><b>B2.1 Classification Survey during Construction</b></p> <p><b>B2.1.2 Submission of Plans and Documents for Approval</b> (Deleted)</p>	<p style="text-align: center;"><b>GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</b></p> <p style="text-align: center;"><b>Part B CLASS SURVEYS</b></p> <p style="text-align: center;"><b>B2 CLASSIFICATION SURVEYS</b></p> <p><b>B2.1 Classification Survey during Construction</b></p> <p><b>B2.1.2 Submission of Plans and Documents for Approval</b></p> <p><u>5 The requirements referred to as “the requirements stipulated otherwise by the Society” in 2.1.2-6, Part B of the Rules, are specified below.</u></p> <p>(1) <u>Where a ship is built at the same place of manufacture based on plans and documents which have already been approved, the application form (APP-SS-BHL) and 3 copies of each of the following plans are to be submitted to the Society for approval.</u></p> <p>(a) <u>General Arrangement</u></p> <p>(b) <u>Midship Section</u></p> <p>(c) <u>Construction Profile &amp; Deck Plan</u></p> <p>(d) <u>Shell Expansion</u></p> <p>(e) <u>Machinery Arrangement of Machinery Space</u></p> <p>(f) <u>Shafting Arrangement</u></p> <p>(g) <u>Piping Arrangement in Machinery Space</u></p> <p>(2) <u>Where machinery is built at the same place of manufacture based on plans and documents which have already been approved, 3 copies of the application form</u></p>	<p>(Deleted)</p>

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p><b>5</b> The wording “as stipulated otherwise by the Society” in <b>2.1.2-1, Part B of the Rules</b> refers to the following.</p> <p>Where the applicant (stipulated in <b>2.3, Regulations for the Classification and Registry of Ships</b>) intends to get approval on plans and documents prior to submission of an application for alterations (stipulated in <b>2.5, Part B of the Rules</b>) or classification and surveys of the ship, an application form (<b>APP-PE-STB</b>) is to be submitted to the Society.</p> <p><b>6</b> For the coatings of internal spaces, the Coating Technical File specified in <b>2.1.2-11</b> and <b>-12, Part B of the Rules</b> must contain at least the following items:</p> <ol style="list-style-type: none"> <li>(1) A copy of the Statement of Compliance or Type Approval Certificate specified in <b>2.1.8-1(1)</b> or <b>2.1.8-2(1), Part B of the Rules</b>;</li> <li>(2) A copy of the Technical Data Sheet specified in <b>2.1.8-1(1)</b> or <b>2.1.8-2(1), Part B of the Rules</b>, including: <ol style="list-style-type: none"> <li>(a) Product name and identification mark and/or number;</li> </ol> </li> </ol>	<p><u>(APP-SS-BMC) which includes the following information are to be submitted for approval by the Society.</u></p> <ol style="list-style-type: none"> <li><u>(a) Specification of Machinery</u></li> <li><u>(b) Drawing Number and approved date</u></li> <li><u>(c) Classification Number and Name of sister ship or Name of Shipyard and Ship Number of sister ship</u></li> <li><u>(d) Approval Number of the Machinery approved as of Standardized Design or Mass Production, if any</u></li> </ol> <p><b>(3)</b> <u>Where alterations to the design approved for a sister ship is made or rules that have been amended are applied, drawings and documents including relevant alterations are to be submitted for approval by the Society prior to commencement of work.</u></p> <p><b>6</b> The wording “as stipulated otherwise by the Society” in <b>2.1.2-1, Part B of the Rules</b> refers to the following.</p> <p>Where the applicant (stipulated in <b>2.3, Regulations for the Classification and Registry of Ships</b>) intends to get approval on plans and documents prior to submission of an application for alterations (stipulated in <b>2.5, Part B of the Rules</b>) or classification and surveys of the ship, an application form (<b>APP-PE-STB</b>) is to be submitted to the Society.</p> <p><b>7</b> For the coatings of internal spaces, the Coating Technical File specified in <b>2.1.2-12</b> and <b>-13, Part B of the Rules</b> must contain at least the following items:</p> <ol style="list-style-type: none"> <li>(1) A copy of the Statement of Compliance or Type Approval Certificate specified in <b>2.1.8-1(1)</b> or <b>2.1.8-2(1), Part B of the Rules</b>;</li> <li>(2) A copy of the Technical Data Sheet specified in <b>2.1.8-1(1)</b> or <b>2.1.8-2(1), Part B of the Rules</b>, including: <ol style="list-style-type: none"> <li>(a) Product name and identification mark and/or number;</li> </ol> </li> </ol>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>(b) Materials, components and composition of the coating system, colours;</p> <p>(c) Minimum and maximum dry film thickness;</p> <p>(d) Application methods, tools and/or machines;</p> <p>(e) Condition of surface to be coated (de-rusting grade, cleanness, profile, etc.); and</p> <p>(f) Environmental limitations (temperature and humidity);</p> <p>(3) Shipyard work records of coating application, including:</p> <p>(a) Applied actual space and area (in <i>square metres</i>) of each compartment;</p> <p>(b) Applied coating system;</p> <p>(c) Time of coating, thickness, number of layers, etc.;</p> <p>(d) Ambient condition during coating; and</p> <p>(e) Method of surface preparation;</p> <p>(4) Procedures for inspection and repair of coating system during ship construction;</p> <p>(5) Coating log issued by the coating inspector, stating that the coating was applied in accordance with the specifications to the satisfaction of the coating supplier representative and specifying deviations from the specifications, see <i>IMO Resolution MSC.215(82) Annex 2</i> or <i>MSC.288(87) Annex 2</i> for an example of the daily log and non-conformity report;</p> <p>(6) Shipyard's verified inspection report, including:</p> <p>(a) Completion date of inspection;</p> <p>(b) Result of inspection;</p> <p>(c) Remarks (if given); and</p> <p>(d) Coating inspector's signature; and</p> <p>(7) Procedures for in-service maintenance and repair of coating</p>	<p>(b) Materials, components and composition of the coating system, colours;</p> <p>(c) Minimum and maximum dry film thickness;</p> <p>(d) Application methods, tools and/or machines;</p> <p>(e) Condition of surface to be coated (de-rusting grade, cleanness, profile, etc.); and</p> <p>(f) Environmental limitations (temperature and humidity);</p> <p>(3) Shipyard work records of coating application, including:</p> <p>(a) Applied actual space and area (in <i>square metres</i>) of each compartment;</p> <p>(b) Applied coating system;</p> <p>(c) Time of coating, thickness, number of layers, etc.;</p> <p>(d) Ambient condition during coating; and</p> <p>(e) Method of surface preparation;</p> <p>(4) Procedures for inspection and repair of coating system during ship construction;</p> <p>(5) Coating log issued by the coating inspector, stating that the coating was applied in accordance with the specifications to the satisfaction of the coating supplier representative and specifying deviations from the specifications, see <i>IMO Resolution MSC.215(82) Annex 2</i> or <i>MSC.288(87) Annex 2</i> for an example of the daily log and non-conformity report;</p> <p>(6) Shipyard's verified inspection report, including:</p> <p>(a) Completion date of inspection;</p> <p>(b) Result of inspection;</p> <p>(c) Remarks (if given); and</p> <p>(d) Coating inspector's signature; and</p> <p>(7) Procedures for in-service maintenance and repair of coating</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>system.</p> <p><b>7</b> The Corrosion Resistant Steel Technical File specified in <b>2.1.2-12, Part B of the Rules</b> is to contain at least the following items:</p> <p>(1) Copy of a Type Approval Certificate;</p> <p>(2) Technical data including the following items:</p> <p>(a) Approved welding methods and welding consumables; and</p> <p>(b) Repairing methods recommended by the manufacturer (if any);</p> <p>(3) Records of the application including the following items ((a) and (b) may be substituted by hull related approved drawings in cases where the required information is given in the drawings):</p> <p>(a) Applied actual space and area of each compartment; and</p> <p>(b) Applied product and its thickness.</p> <p><b>8</b> “Airborne sound insulation properties of bulkheads and decks within accommodation spaces” in <b>2.1.2-1(1)(ac), Part B of the Rules</b> refers to the weighted sound reduction index (<math>R_w</math>) in <b>An5.1, Annex 2.3.1-2 “PROCEDURES FOR ON BOARD NOISE MEASUREMENTS”</b>.</p> <p><b>9</b> The “drawings indicating critical structural areas” referred to in <b>2.1.2-13, Part B of the Rules</b> means drawings indicating locations which have been identified from calculations to require monitoring or from the service history of similar or sister ships to be sensitive to cracking, buckling or corrosion which would impair the structural integrity of the ship. The following (1) and (2) are to be considered depending on the subject ships:</p> <p>(1) For ships subject to the provisions of <b>14.16.3, Part 1, Part</b></p>	<p>system.</p> <p><b>8</b> The Corrosion Resistant Steel Technical File specified in <b>2.1.2-13, Part B of the Rules</b> is to contain at least the following items:</p> <p>(1) Copy of a Type Approval Certificate;</p> <p>(2) Technical data including the following items:</p> <p>(a) Approved welding methods and welding consumables; and</p> <p>(b) Repairing methods recommended by the manufacturer (if any);</p> <p>(3) Records of the application including the following items ((a) and (b) may be substituted by hull related approved drawings in cases where the required information is given in the drawings):</p> <p>(a) Applied actual space and area of each compartment; and</p> <p>(b) Applied product and its thickness.</p> <p><b>9</b> “Airborne sound insulation properties of bulkheads and decks within accommodation spaces” in <b>2.1.2-1(1)(ac), Part B of the Rules</b> refers to the weighted sound reduction index (<math>R_w</math>) in <b>An5.1, Annex 2.3.1-2 “PROCEDURES FOR ON BOARD NOISE MEASUREMENTS”</b>.</p> <p><b>10</b> The “drawings indicating critical structural areas” referred to in <b>2.1.2-14, Part B of the Rules</b> means drawings indicating locations which have been identified from calculations to require monitoring or from the service history of similar or sister ships to be sensitive to cracking, buckling or corrosion which would impair the structural integrity of the ship. The following (1) and (2) are to be considered depending on the subject ships:</p> <p>(1) For ships subject to the provisions of <b>14.16.3, Part 1, Part</b></p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p><b>C of the Rules</b>, drawings are to include the critical structural areas indicated in the ship structural access manuals specified in <b>14.16.3.6, Part 1, Part C of the Rules</b>.</p> <p>(2) For ships subject to <i>SOLAS Chapter II-1 Regulation 3-10</i>, drawings are to be consistent with information “areas requiring special attention throughout the ship’s life, including critical structural areas” included in the Ship Construction File specified in <b>2.1.6-3(13), Part B of the Rules</b>.</p> <p align="center"><b>B12 SURVEYS FOR MOBILE OFFSHORE DRILLING UNITS AND SPECIAL PURPOSE BARGES</b></p> <p><b>B12.2 Classification Survey during Construction</b></p> <p><b>B12.2.2 Submission of Plans and Documents</b> (Deleted)</p> <p><b>6</b> “Details of drilling derrick constructions” stipulated in <b>12.2.2-1(1)(p)i</b>), refers to the following plans:</p> <p>(1) General arrangement (2) Details of the main structural members of the drilling derrick (3) Assembly plan of the drilling derrick</p>	<p><b>C of the Rules</b>, drawings are to include the critical structural areas indicated in the ship structural access manuals specified in <b>14.16.3.6, Part 1, Part C of the Rules</b>.</p> <p>(2) For ships subject to <i>SOLAS Chapter II-1 Regulation 3-10</i>, drawings are to be consistent with information “areas requiring special attention throughout the ship’s life, including critical structural areas” included in the Ship Construction File specified in <b>2.1.6-3(13), Part B of the Rules</b>.</p> <p align="center"><b>B12 SURVEYS FOR MOBILE OFFSHORE DRILLING UNITS AND SPECIAL PURPOSE BARGES</b></p> <p><b>B12.2 Classification Survey during Construction</b></p> <p><b>B12.2.2 Submission of Plans and Documents</b></p> <p><b>6</b> “The provisions specified otherwise by the Society” stipulated in <b>12.2.2-3, Part B of the Rules</b>, refers to the plans and documents specified in <b>B2.1.2-5</b>. For column-stabilized units and self-elevating units, plans specified in <b>12.2.2-1(l), (m) and (n), Part B of the Rules</b>, are to be submitted to the Society in triplicate.</p> <p><b>7</b> “Details of drilling derrick constructions” stipulated in <b>12.2.2-1(1)(p)i</b>), refers to the following plans:</p> <p>(1) General arrangement (2) Details of the main structural members of the drilling derrick (3) Assembly plan of the drilling derrick</p>	<p align="center">(Deleted)</p>

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>(4) Foundations and anchor bolt plans of the drilling derrick  <b>7</b> “Relevant documents” stipulated in <b>12.2.2-1(1)(p)ii</b>), refers to the following:</p> <ol style="list-style-type: none"> <li>(1) Results of structural analysis</li> <li>(2) Structural details</li> <li>(3) Structural analysis method</li> <li>(4) Design criteria</li> <li>(5) Technical specifications for equipment installed on the drilling derrick</li> <li>(6) Material specification of the drilling derrick</li> <li>(7) In cases where bolted connections are applied for the drilling derrick, the specifications, materials and torque procedures for said bolts</li> <li>(8) Painting plans for the drilling derrick</li> <li>(9) Rigging arrangement</li> </ol> <p align="center"><b>B15 SURVEYS FOR WORK-SHIPS</b></p> <p><b>B15.2 Classification Surveys during Construction</b></p> <p><b>B15.2.2 Submission of Plans and Documents</b>            (Deleted)</p>	<p>(4) Foundations and anchor bolt plans of the drilling derrick  <b>8</b> “Relevant documents” stipulated in <b>12.2.2-1(1)(p)ii</b>), refers to the following:</p> <ol style="list-style-type: none"> <li>(1) Results of structural analysis</li> <li>(2) Structural details</li> <li>(3) Structural analysis method</li> <li>(4) Design criteria</li> <li>(5) Technical specifications for equipment installed on the drilling derrick</li> <li>(6) Material specification of the drilling derrick</li> <li>(7) In cases where bolted connections are applied for the drilling derrick, the specifications, materials and torque procedures for said bolts</li> <li>(8) Painting plans for the drilling derrick</li> <li>(9) Rigging arrangement</li> </ol> <p align="center"><b>B15 SURVEYS FOR WORK-SHIPS</b></p> <p><b>B15.2 Classification Surveys during Construction</b></p> <p><b>B15.2.2 Submission of Plans and Documents</b>  <u>2 The wording “requirements specified otherwise by the Society” stipulated in 15.2.2-4, Part B of the Rules, refers to the plans and documents specified in B2.1.2-5. For self-elevating ships, the plans specified in 15.2.2-1(4)(a), Part B of the Rules are to be submitted to the Society in triplicate.</u></p>	<p>(Deleted)</p>

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p style="text-align: center;"><b>GUIDANCE FOR MARINE POLLUTION PREVENTION SYSTEMS</b></p> <p style="text-align: center;"><b>Part 2 SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 REGISTRATION SURVEYS</b></p> <p><b>2.1 Registration Surveys during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval</b> (Deleted)</p>	<p style="text-align: center;"><b>GUIDANCE FOR MARINE POLLUTION PREVENTION SYSTEMS</b></p> <p style="text-align: center;"><b>Part 2 SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 REGISTRATION SURVEYS</b></p> <p><b>2.1 Registration Surveys during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval</b></p> <p><u>6 The wording “separately specified by the Society” in 2.1.2-5 in Part 2 of the Rules means as follows:</u></p> <p><u>(1) When building a sister ship, the following requirements are to be met:</u></p> <p><u>(a) When providing the Marine Pollution Prevention Installations by using previously approved drawings, an application for using the approved drawings, and applicable items of the following drawings are to be submitted:</u></p> <p><u>i) Plans showing the arrangement of the equipment for the prevention of pollution by oil, the equipment for the prevention of discharge of noxious liquid substances, the equipment for the prevention of pollution by sewage or the equipment for the prevention of air pollution from ships</u></p> <p><u>ii) Information and data relating to cargo loading and damage stability</u></p>	<p>(Deleted)</p>

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
	<p>iii) <u>Operation manual for oil discharge monitoring and control equipment</u></p> <p>iv) <u>Procedures and arrangements manual for crude oil washing system</u></p> <p>v) <u>Procedures and arrangements for the discharge of noxious liquid substances</u></p> <p>vi) <u>List of noxious liquid substances planned to be carried in bulk on board the ship</u></p> <p>vii) <u>Operating manual for the incinerator</u></p> <p>(b) <u>For the equipment for the prevention of pollution by oil (oily-water separating equipment, oil filtering system, processing equipment, oil content meters, oil/water interface detectors, oil discharge monitoring and control equipment), the equipment for the prevention of discharge of noxious liquid substances (tank washing machines and ventilation systems), the equipment for the prevention of pollution by sewage (sewage treatment plant, sewage comminuting and disinfecting system) or the equipment for the prevention of air pollution from ships (vapour collection system and incinerator) manufactured by using the approved drawings, a document showing that it has been already approved is to be submitted in addition to (a)i) above.</u></p> <p>(2) <u>When the same model of the following Marine Pollution Prevention Installations is to be manufactured, or the equivalent method to the Installations is to be carried out, a document showing that it has been already approved is to be submitted:</u></p> <p>(a) <u>Oily-water separating equipment</u></p>	

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
	<p><u>(b) Oil filtering system</u></p> <p><u>(c) Oil discharge monitoring and control equipment</u></p> <p><u>(d) Oil/water interface detectors</u></p> <p><u>(e) Tank washing machines</u></p> <p><u>(f) Ventilating fans</u></p> <p><u>(g) sewage treatment plant</u></p> <p><u>(h) sewage comminuting and disinfecting system</u></p> <p><u>(i) Incinerator</u></p> <p><u>(3) When plans and documents required under the requirements of the Rules for the Survey and Construction of Steel Ships and the Rules are duplicated, submission of the plans and documents required by the Rules may be omitted, provided that it is demonstrated by the applicant that all of the items required by the Rules for the Survey and Construction of Steel Ships are incorporated.</u></p> <p><u>(4) When a project based on approved plans and documents is to be changed, or changes are caused between the time they were first approved and now, plans and documents showing the specific changes are to be submitted to the Society for approval before the work is started.</u></p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p><b>GUIDANCE FOR RADIO INSTALLATIONS</b></p> <p><b>Chapter 2 SURVEYS</b></p> <p><b>2.2 Registration Surveys</b></p> <p><b>2.2.1 Submission of Plans and Documents for Approval</b> (Deleted)</p> <p><b>5</b> The wording “in accordance with the provisions specified otherwise by the Society” referred to in <b>2.2.1-1 of the Rules</b> means as specified below: Where an applicant for a Registration Survey intends to get an approval on plans and documents prepared for new installations or alteration work prior to submission of an application for a Registration Survey, an application for approval of plans and documents is to be submitted to the Society.</p>	<p><b>GUIDANCE FOR RADIO INSTALLATIONS</b></p> <p><b>Chapter 2 SURVEYS</b></p> <p><b>2.2 Registration Surveys</b></p> <p><b>2.2.1 Submission of Plans and Documents for Approval</b> <b>5</b> <u>Omission of Submission of Plans and Documents</u> (1) <u>In case where radio installations are intended to be manufactured or installed at the same manufacturer’s work based on the plans and documents which have been approved for other ships, 3 copies of application form (APP-SS-RD) are to be submitted to the Society for approval.</u> (2) <u>In case where alterations to the design approved for a sister ship is made or rules being applied have been amended, drawings and documents including relevant alterations are to be submitted for approval by the Society prior to commencement of works.</u> <b>6</b> The wording “in accordance with the provisions specified otherwise by the Society” referred to in <b>2.2.1-1 of the Rules</b> means as specified below: Where an applicant for a Registration Survey intends to get an approval on plans and documents prepared for new installations or alteration work prior to submission of an application for a Registration Survey, an application for approval of plans and documents is to be submitted to the Society.</p>	<p>(Deleted)</p>

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p style="text-align: center;"><b>GUIDANCE FOR BALLAST WATER MANAGEMENT INSTALLATIONS</b></p> <p style="text-align: center;"><b>Part 2 SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 REGISTRATION SURVEYS</b></p> <p><b>2.1 Registration Surveys during Construction</b></p> <p>(Deleted)</p>	<p style="text-align: center;"><b>GUIDANCE FOR BALLAST WATER MANAGEMENT INSTALLATIONS</b></p> <p style="text-align: center;"><b>Part 2 SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 REGISTRATION SURVEYS</b></p> <p><b>2.1 Registration Surveys during Construction</b></p> <p><b><u>2.1.2 Submission of Plans and Documents for Approval</u></b></p> <p><u>The wording “separately specified by the Society” in 2.1.2-3, Part 2 of the Rules means as follows:</u></p> <p>(1) <u>When providing the ballast water management installations by using previously approved drawings, an application for using the approved drawings, and applicable items of the following drawings are to be submitted:</u></p> <p style="margin-left: 20px;">(a) <u>Ballast water management plan</u></p> <p style="margin-left: 20px;">(b) <u>A copy of type approval certificate for ballast water treatment equipment</u></p> <p>(2) <u>When plans and documents required under the requirements of 2.1.2-1, Part 2 of the Rules and the Rules for the Survey and Construction of Steel Ships are duplicated, submission of the plans and documents required by 2.1.2-1, Part 2 of the Rules may be omitted, provided that it is demonstrated by the applicant that all of the items required by the relevant requirements are incorporated.</u></p> <p>(3) <u>When a project based on approved plans and documents is</u></p>	<p>(Deleted)</p>

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
	<p><u>to be changed, or changes are caused between the time they were first approved and now, plans and documents showing the specific changes are to be submitted to the Society for approval before the work is started.</u></p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p align="center"><b>GUIDANCE FOR CARGO REFRIGERATING INSTALLATIONS</b></p> <p align="center"><b>Chapter 2 SURVEYS</b></p> <p><b>2.2 Registration Surveys</b></p> <p><b>2.2.1 Registration Surveys</b>                      Surveyors are to confirm the asbestos-free declarations and supporting documents specified in <b>2.2.1-4</b> of the Rules.</p>	<p align="center"><b>GUIDANCE FOR CARGO REFRIGERATING INSTALLATIONS</b></p> <p align="center"><b>Chapter 2 SURVEYS</b></p> <p><b>2.2 Registration Surveys</b></p> <p><b>2.2.1 Registration Surveys</b>                      Surveyors are to confirm the asbestos-free declarations and supporting documents specified in <b>2.2.1-5</b> of the Rules.</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p><b>GUIDANCE FOR CARGO HANDLING APPLIANCES</b></p> <p><b>Chapter 2 SURVEYS</b></p> <p><b>2.3 Registration Surveys</b></p> <p><b>2.3.1 Drawings and Other Documents to be Submitted</b> (Deleted)</p> <p><b>1</b> Submission of drawings of hydraulic motors, hydraulic pumps, steam cylinders, pneumatic motors or internal combustion engines for driving various winches and travelling machines used in cargo handling appliances are to be in accordance with the following requirements (1) to (3) according to the output:</p> <p>(1) Where the output is less than 375kW: Submission of drawings may be dispensed with. However, name of manufacturer, type and principal particulars are to be described in the approval drawings of winches or travelling machines employed.</p> <p>(2) Where the output is 375kW or more: Principal particulars, drawings of structural details and</p>	<p><b>GUIDANCE FOR CARGO HANDLING APPLIANCES</b></p> <p><b>Chapter 2 SURVEYS</b></p> <p><b>2.3 Registration Surveys</b></p> <p><b>2.3.1 Drawings and Other Documents to be Submitted</b></p> <p><u>1 Notwithstanding the requirements in 2.3.1 of the Rules, where whole cargo handling appliances or any components thereof are manufactured on the basis of the drawings and documents already approved at the same works, submission of the drawings and documents other than the following documents (1) and (2) may be dispensed with.</u></p> <p><u>(1) Application for omission of submission of drawings in the form specified by the Society</u></p> <p><u>(2) General arrangement of cargo handling appliances</u></p> <p><b>2</b> Submission of drawings of hydraulic motors, hydraulic pumps, steam cylinders, pneumatic motors or internal combustion engines for driving various winches and travelling machines used in cargo handling appliances are to be in accordance with the following requirements (1) to (3) according to the output:</p> <p>(1) Where the output is less than 375kW: Submission of drawings may be dispensed with. However, name of manufacturer, type and principal particulars are to be described in the approval drawings of winches or travelling machines employed.</p> <p>(2) Where the output is 375kW or more: Principal particulars, drawings of structural details and</p>	<p>(Deleted)</p>

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>strength calculation sheet are to be submitted in one set for reference.</p> <p>(3) Others: Where the machinery is installed in ships under the classification of the Society for the first time, the requirements in (2) are to be applied even when the output is less than 375kW.</p> <p><u>2</u> General arrangement plan and structural drawings of derricks are to include at least the following items (1) and (2):</p> <p>(1) General arrangement plan</p> <p>(a) Masts, posts, guy posts, shrouds, stays (including attached rigging screws), derrick booms, and arrangement of cargo fittings fitted to hull structure, etc.</p> <p>(b) Breadth of ship and outreach</p> <p>(c) Positions and name of cargo blocks and arrangement of running ropes (for lifting and slewing)</p> <p>(d) Positions, types and capacities of winches</p> <p>(e) Self-weight of lifting beams, grabs, lifting magnets, spreaders, etc.</p> <p>(2) Structural drawings</p> <p>(a) Construction, dimensions and materials of masts, posts, guy posts and derrick booms</p> <p>(b) Dimensions and materials of shrouds and stays</p> <p>(c) Dimensions and materials of gooseneck brackets, topping brackets, eye plates at upper and lower ends of preventer stays and other cargo fittings</p>	<p>strength calculation sheet are to be submitted in one set for reference.</p> <p>(3) Others: Where the machinery is installed in ships under the classification of the Society for the first time, the requirements in (2) are to be applied even when the output is less than 375kW.</p> <p><u>3</u> General arrangement plan and structural drawings of derricks are to include at least the following items (1) and (2):</p> <p>(1) General arrangement plan</p> <p>(a) Masts, posts, guy posts, shrouds, stays (including attached rigging screws), derrick booms, and arrangement of cargo fittings fitted to hull structure, etc.</p> <p>(b) Breadth of ship and outreach</p> <p>(c) Positions and name of cargo blocks and arrangement of running ropes (for lifting and slewing)</p> <p>(d) Positions, types and capacities of winches</p> <p>(e) Self-weight of lifting beams, grabs, lifting magnets, spreaders, etc.</p> <p>(2) Structural drawings</p> <p>(a) Construction, dimensions and materials of masts, posts, guy posts and derrick booms</p> <p>(b) Dimensions and materials of shrouds and stays</p> <p>(c) Dimensions and materials of gooseneck brackets, topping brackets, eye plates at upper and lower ends of preventer stays and other cargo fittings</p>	

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p style="text-align: center;"><b>GUIDANCE FOR HIGH SPEED CRAFT</b></p> <p style="text-align: center;"><b>Part 2 CLASS SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p>(Deleted)</p>	<p style="text-align: center;"><b>GUIDANCE FOR HIGH SPEED CRAFT</b></p> <p style="text-align: center;"><b>Part 2 CLASS SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b><u>2.1.2 Submission of Plans and Documents for Approval</u></b></p> <p><u>The wordings “deemed appropriate by the Society” in 2.1.2-6, Part 2 of the Rules means as follows:</u></p> <p>(1) <u>In case where a craft is intended to be built based on the plans and documents which have been approved for other craft, “application for exemption from submission of plans and documents of sister craft” and 3 copies of each following plans are to be submitted for approval by the Society.</u></p> <p>(a) <u>General Arrangement</u></p> <p>(b) <u>Midship Section</u></p> <p>(c) <u>Construction Profile and Deck Plan (for metallic hull)</u></p> <p>(d) <u>Shell Expansion (for metallic hull)</u></p> <p>(e) <u>Laminating Procedure (for FRP hull)</u></p> <p>(f) <u>Machinery Arrangement of Machinery Space</u></p> <p>(g) <u>Shafting Arrangement</u></p> <p>(h) <u>Piping Arrangement in Machinery Space</u></p> <p>(i) <u>Other plans and documents deemed necessary by the Society</u></p> <p>(2) <u>In case where a machinery is intended to be built based on</u></p>	<p>(Deleted)</p>

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
	<p><u>the plans and documents which have been approved for other craft, “application for exemption from submission of plans and documents of sister craft” and 3 copies of each following plans are to be submitted for approval by the Society.</u></p> <p><u>(a) Specification of Machinery</u></p> <p><u>(b) Drawing Number and approved date</u></p> <p><u>(c) Classification Number and Name of sister craft or Name of Shipyard and Ship Number of sister craft</u></p> <p><u>(d) Approval Number of the Machinery approved as the Standardized Design or Mass production, if any</u></p> <p><u>(3) In case where alterations to the design approved for a sister craft is made or rules being applied have been amended, drawings and documents including relevant alterations are to be submitted for approval by the Society prior to commencement of works.</u></p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p align="center"><b>GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF PASSENGER SHIPS</b></p> <p align="center"><b>Part 2 CLASS SURVEY</b></p> <p align="center"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b>2.1.3 Submission of Other Plans and Documents</b></p> <p><b>1</b> The documents of qualitative failure analysis referred to in <b>2.1.3(5), Part 2 of the Rules</b> are to comply with the requirements in the following (1) to (4):</p> <p>(1) The qualitative failure analysis is to include the following information:</p> <p>(a) For ships having a length of 120_m or more or having three or more main vertical zones, plans of action to ensure the availability of propulsion and steering upon the failure of relevant equipment and systems due to fire and flooding.</p> <p>(b) For ships other than those specified above, possible solutions for enhancing the availability of propulsion and steering upon the failures of relevant equipment and systems due to fire and flooding.</p> <p>(2) The qualitative failure analysis is to be performed on the following equipment or systems which might affect the propulsion and steering of ships:</p> <p>(a) Main propulsion systems</p>	<p align="center"><b>GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF PASSENGER SHIPS</b></p> <p align="center"><b>Part 2 CLASS SURVEY</b></p> <p align="center"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b>2.1.3 Submission of Other Plans and Documents</b></p> <p><b>1</b> The documents of <u>Qualitative</u> failure analysis referred to in <b>2.1.3(5), Part 2 of the Rules</b> are to comply with the requirements in the following (1) to (4):</p> <p>(1) The qualitative failure analysis is to include the following information:</p> <p>(a) For ships having a length of 120m or more or having three or more main vertical zones, plans of action to ensure the availability of propulsion and steering upon the failure of relevant equipment and systems due to fire and flooding.</p> <p>(b) For ships other than those specified above, possible solutions for enhancing the availability of propulsion and steering upon the failures of relevant equipment and systems due to fire and flooding.</p> <p>(2) The qualitative failure analysis is to be performed on the following equipment or systems which might affect the propulsion and steering of ships:</p> <p>(a) Main <u>P</u>ropulsion systems</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<ul style="list-style-type: none"> <li>(b) Power transmission systems</li> <li>(c) Steering gear and communication equipment</li> <li>(d) Propeller, azimuthing thrusters or water jet</li> <li>(e) Main power supply systems</li> <li>(f) Essential auxiliary systems (compressed air, fuel oil, lubricating oil, and cooling water)</li> <li>(g) Control and monitoring systems</li> <li>(h) Other systems which might impair the propulsion and steering of ships (e.g., lighting, ventilation)</li> </ul> <p>(3) The fault conditions which are to be considered are to comply with the following:</p> <ul style="list-style-type: none"> <li>(a) In principal, the qualitative failure analysis is to be based on single failure criteria.</li> <li>(b) In cases where a single failure cause results in the failure of more than one component in a system, all the resulting failures are to be considered.</li> <li>(c) In cases where the occurrence of a failure leads directly to further failures, all those failures are to be considered together.</li> <li>(d) In cases where considering the effects of fire and flooding in a single compartment, the analysis is to address the location and layout of all equipment and systems.</li> </ul> <p>(4) The following information is to be specified:</p> <ul style="list-style-type: none"> <li>(a) Standards used for analysis of the design</li> <li>(b) Objectives of the analysis</li> <li>(c) Any assumptions made in the analysis</li> <li>(d) Operation modes of the equipment, systems or sub-systems.</li> <li>(e) Identification of the probable modes and acceptable</li> </ul>	<ul style="list-style-type: none"> <li>(b) Power transmission systems</li> <li>(c) Steering gear and communication equipments</li> <li>(d) Propeller, azimuthing thrusters or water jet</li> <li>(e) Main power supply systems</li> <li>(f) Essential auxiliary systems (compressed air, fuel oil, lubricating oil, and cooling water)</li> <li>(g) Control and monitoring systems</li> <li>(h) Other systems which might impair the propulsion and steering of ships (e.g., lighting, ventilation)</li> </ul> <p>(3) The fault conditions which are to be considered are to comply with the following:</p> <ul style="list-style-type: none"> <li>(a) In principal, the qualitative failure analysis is to be based on single failure criteria.</li> <li>(b) In cases where a single failure cause results in the failure of more than one component in a system, all the resulting failures are to be considered.</li> <li>(c) In cases where the occurrence of a failure leads directly to further failures, all those failures are to be considered together.</li> <li>(d) In cases where considering the effects of fire and flooding in a single compartment, the analysis is to address the location and layout of all equipment and systems.</li> </ul> <p>(4) The following information is to be specified:</p> <ul style="list-style-type: none"> <li>(a) Standards used for analysis of the design</li> <li>(b) Objectives of the analysis</li> <li>(c) Any assumptions made in the analysis</li> <li>(d) Operation modes of the equipment, systems or sub-systems.</li> <li>(e) Identification of the probable modes and acceptable</li> </ul>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>deviations from the intended or required function</p> <p>(f) Evaluation of the local effects and the effects on the system as whole of each failure mode as applicable</p> <p>(g) Trials and testing which justify a conclusion</p> <p><b>2</b> The watertight cable penetration register specified in <b>2.1.6-1.(2)(o)</b> and <b>-2.(10), Part 2 of the Rules</b> is to be in accordance with (1) to (4) below.</p> <p>(1) All watertight cable penetrations are to be recorded and identified in the watertight cable penetration register. This is to include documentation referencing the manufacturer manual(s) for each type of watertight cable penetration installed, the type approval certificate for each type of watertight cable penetration, applicable installation drawings, a recording of each installed watertight cable penetration documenting the as-built condition after final inspection at the shipyard and sections to record any inspection, modification, repair and maintenance.</p> <p>(2) The watertight cable penetration register is to be provided by the shipbuilder and reviewed by the attending surveyor.</p> <p>(3) The watertight cable penetration register can be either a hard copy or digitized media.</p> <p>(4) For unmanned vessels, watertight cable penetration register may be kept on shore.</p> <p><b>2.1.4 Presence of Surveyors</b></p> <p><b>1</b> As the necessary stages for the presence of surveyors specified in <b>2.1.4-2, Part 2 of the Rules</b>, the following examinations and tests are to be specially considered.</p> <p>(1) Hull</p> <p>(a) Examination of the piping and valves of</p>	<p>deviations from the intended or required function</p> <p>(f) Evaluation of the local effects and the effects on the system as whole of each failure mode as applicable</p> <p>(g) Trials and testing which justify a conclusion</p> <p><b>2</b> The watertight cable penetration register specified in <b>2.1.7-1.(2)(o)</b> and <b>-2.(10), Part 2 of the Rules</b> is to be in accordance with (1) to (4) below.</p> <p>(1) All watertight cable penetrations are to be recorded and identified in the watertight cable penetration register. This is to include documentation referencing the manufacturer manual(s) for each type of watertight cable penetration installed, the type approval certificate for each type of watertight cable penetration, applicable installation drawings, a recording of each installed watertight cable penetration documenting the as-built condition after final inspection at the shipyard and sections to record any inspection, modification, repair and maintenance.</p> <p>(2) The watertight cable penetration register is to be provided by the shipbuilder and reviewed by the attending surveyor.</p> <p>(3) The watertight cable penetration register can be either a hard copy or digitized media.</p> <p>(4) For unmanned vessels, watertight cable penetration register may be kept on shore.</p> <p><b>2.1.5 Presence of Surveyors</b></p> <p><b>1</b> As the necessary stages for the presence of surveyors specified in <b>2.1.5-2, Part 2 of the Rules</b>, the following examinations and tests are to be specially considered.</p> <p>(1) Hull</p> <p>(a) Examination of the piping and valves of</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>cross-flooding fittings and operation test of its remote control system</p> <p>(b) Remote control test of bulkhead valves on the collision bulkhead from the bulkhead deck</p> <p>(c) Following operation tests of watertight doors including confirmation of the caution plates</p> <p>    i) Open-close operation of doors (at door and by remote control)</p> <p>    ii) Operation of door indicators</p> <p>    iii) Alarm system</p> <p>    iv) Change over of mode at the central control console</p> <p>(d) Examination of side scuttles, gangways, cargo and coal ports and other openings in the shell plating, watertight test for these openings below the bulkhead deck or weathertight test for these openings above the bulkhead deck, and operation test for these openings, door indicators and water leakage detectors of shell doors</p> <p>(e) Examination of the inboard openings of ash-shoots and rubbish-shoots, and operation test of closing appliances where the inboard openings are below the bulkhead deck</p> <p>(f) Examination of watertightness of fitted parts of fin-stabilizers</p> <p>(2) Fire protection, means of escape and fire extinguishing system</p> <p>    (a) Examination of closing appliances of openings (skylights, funnels and ventilators) in machinery spaces and operation test of their fire-dampers</p>	<p>cross-flooding fittings and operation test of its remote control system</p> <p>(b) Remote control test of bulkhead valves on the collision bulkhead from the bulkhead deck</p> <p>(c) Following operation tests of watertight doors including confirmation of the caution plates</p> <p>    i) Open-close operation of doors (at door and by remote control)</p> <p>    ii) Operation of door indicators</p> <p>    iii) Alarm system</p> <p>    iv) Change over of mode at the central control console</p> <p>(d) Examination of side scuttles, gangways, cargo and coal ports and other openings in the shell plating, watertight test for these openings below the bulkhead deck or weathertight test for these openings above the bulkhead deck, and operation test for these openings, door indicators and water leakage detectors of shell doors</p> <p>(e) Examination of the inboard openings of ash-shoots and rubbish-shoots, and operation test of closing appliances where the inboard openings are below the bulkhead deck</p> <p>(f) Examination of watertightness of fitted parts of fin-stabilizers</p> <p>(2) Fire protection, means of escape and fire extinguishing system</p> <p>    (a) Examination of closing appliances of openings (skylights, funnels and ventilators) in machinery spaces and operation test of their fire-dampers</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<ul style="list-style-type: none"> <li>(b) Examination and operation test of doors in machinery spaces</li> <li>(c) Examination and operation test of fire dampers fitted to the duct whose sectional area is <math>0.075m^2</math> and more</li> <li>(d) Examination of openings (penetration such as cables, pipes, ducts, girders, etc.) in “A” class or “B” class divisions</li> <li>(e) Examination of electric-radiators and waste-receptacles</li> <li>(f) Examination of the fire protection of the divisions forming the boundaries of the horizontal zones and the main vertical zones and stairway enclosures.</li> <li>(g) Examination and operation test of “A” class fire doors and “B” class fire doors including test of both remote and self closing systems, and examination of fire windows and side scuttles</li> <li>(h) Examination of draft stops, ceilings and linings</li> <li>(i) Operation test of sprinkler systems, pressure test of pressure tanks, and operation test of alarm systems by both main and emergency source of power</li> <li>(j) Examination of a lockable screw-down non-return valve of sprinkler systems at the connection with the fire main line, and examination of spare sprinkler heads</li> <li>(k) Test of continuation of the output of water by the automatic starting of fire pumps</li> <li>(l) Examination of fire protection, fire extinguishing system, fire detecting system, fire alarm system, ventilation system, and bilge system in the special category spaces, and operation test of these systems</li> </ul>	<ul style="list-style-type: none"> <li>(b) Examination and operation test of doors in machinery spaces</li> <li>(c) Examination and operation test of fire dampers fitted to the duct whose sectional area is <math>0.075m^2</math> and more</li> <li>(d) Examination of openings (penetration such as cables, pipes, ducts, girders, etc.) in “A” class or “B” class divisions</li> <li>(e) Examination of electric-radiators and waste-receptacles</li> <li>(f) Examination of the fire protection of the divisions forming the boundaries of the horizontal zones and the main vertical zones and stairway enclosures.</li> <li>(g) Examination and operation test of “A” class fire doors and “B” class fire doors including test of both remote and self closing systems, and examination of fire windows and side scuttles</li> <li>(h) Examination of draft stops, ceilings and linings</li> <li>(i) Operation test of sprinkler systems, pressure test of pressure tanks, and operation test of alarm systems by both main and emergency source of power</li> <li>(j) Examination of a lockable screw-down non-return valve of sprinkler systems at the connection with the fire main line, and examination of spare sprinkler heads</li> <li>(k) Test of continuation of the output of water by the automatic starting of fire pumps</li> <li>(l) Examination of fire protection, fire extinguishing system, fire detecting system, fire alarm system, ventilation system, and bilge system in the special category spaces, and operation test of these systems</li> </ul>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>(m) Operation test of the alarm system to summon the crew</p> <p>(n) Operation test of the public address system</p> <p>(o) Examination of fire protection, fire extinguishing system, fire detecting system, ventilation system and bilge system in spaces carrying dangerous goods and operation test of these systems</p> <p>(p) Examination of means of escape including those from a radio room and special category spaces and diagrams of escape route put up in passenger spaces</p> <p>(q) Operation test of smoke extraction system of atriums</p> <p>(r) Operation test of closing arrangements of ventilation ducts and fire dampers</p> <p>(s) General inspections and operation tests of smoke dampers</p> <p>(3) Machinery</p> <p>(a) Performance test of electrical installation for main propulsion use in accordance with the approved test procedures</p> <p>(b) Operation test of emergency lighting (including supplementary emergency lighting and low location lighting)</p> <p>(c) Examination of electrical cables penetrating through divisions of main vertical zones</p> <p><b>2</b> The wording “items specified otherwise by the Society” and the wording “survey methods which it considers to be appropriate” in <b>2.1.4-2, Part 2 of the Rules</b> mean to be in accordance with the following (1) and (2) respectively:</p> <p>(1) The wording “items specified otherwise by the Society” means surveys of the tests specified in <b>B2.1.4-1(1) and -8,</b></p>	<p>(m) Operation test of the alarm system to summon the crew</p> <p>(n) Operation test of the public address system</p> <p>(o) Examination of fire protection, fire extinguishing system, fire detecting system, ventilation system and bilge system in spaces carrying dangerous goods and operation test of these systems</p> <p>(p) Examination of means of escape including those from a radio room and special category spaces and diagrams of escape route put up in passenger spaces</p> <p>(q) Operation test of smoke extraction system of atriums</p> <p>(r) Operation test of closing arrangements of ventilation ducts and fire dampers</p> <p>(s) General inspections and operation tests of smoke dampers</p> <p>(3) Machinery</p> <p>(a) Performance test of electrical installation for main propulsion use in accordance with the approved test procedures</p> <p>(b) Operation test of emergency lighting (including supplementary emergency lighting and low location lighting)</p> <p>(c) Examination of electrical cables penetrating through divisions of main vertical zones</p> <p><b>2</b> The wording “items specified otherwise by the Society” and the wording “survey methods which it considers to be appropriate” in <b>2.1.5-2, Part 2 of the Rules</b> mean to be in accordance with the following (1) and (2) respectively:</p> <p>(1) The wording “items specified otherwise by the Society” means surveys of the tests specified in <b>B2.1.4-1(1) and -8,</b></p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p><b>Part B of the Guidance for the Survey and Construction of Steel Ships.</b></p> <p>(2) The wording “the Society may approve other survey methods which it considers to be appropriate” means survey methods which it considers to be able to obtain information equivalent to that obtained through traditional ordinary surveys where the Surveyor is in attendance.</p> <p><b>3</b> The wording “survey methods which it considers to be appropriate” in <b>2.1.4-3, Part 2 of the Rules</b> means to be in accordance with -2(2).</p> <p><b>2.1.6 Documents to be Maintained On Board</b></p> <p><b>1</b> The certificates specified in <b>2.1.6-5, Part 2 of the Rules</b> are those such as the ones issued for each piece of equipment, device, etc., type approval certificates valid at the time of the Classification Survey, or others applicable. With regard to fire pumps, hose test records after installation on board may be accepted. In addition, unless equipment or devices on board are renewed after the ship has entered service, these certificates need not be updated.</p> <p><b>2</b> The management plans for inspection and maintenance of mooring equipment (including mooring lines) specified in <b>2.1.6-1.(2)(p), Part 2 of the Rules</b> are to be prepared in accordance with <i>MSC.1/Circ.1620</i> and are to include the following (1) to (6).</p> <p>(1) Procedures for mooring equipment (including mooring lines) operations, inspection and maintenance.</p> <p>(2) Procedures to allow the identification and management of mooring lines, tails and associated attachments.</p> <p>(3) Manufacturer criteria for mooring line replacement.</p> <p>(4) Records of the original mooring design concepts, equipment, arrangements and specifications. For ships the</p>	<p><b>Part B of the Guidance for the Survey and Construction of Steel Ships.</b></p> <p>(2) The wording “the Society may approve other survey methods which it considers to be appropriate” means survey methods which it considers to be able to obtain information equivalent to that obtained through traditional ordinary surveys where the Surveyor is in attendance.</p> <p><b>3</b> The wording “survey methods which it considers to be appropriate” in <b>2.1.5-3, Part 2 of the Rules</b> means to be in accordance with -2(2).</p> <p><b>2.1.7 Documents to be Maintained On Board</b></p> <p><b>1</b> The certificates specified in <b>2.1.7-5, Part 2 of the Rules</b> are those such as the ones issued for each piece of equipment, device, etc., type approval certificates valid at the time of the Classification Survey, or others applicable. With regard to fire pumps, hose test records after installation on board may be accepted. In addition, unless equipment or devices on board are renewed after the ship has entered service, these certificates need not be updated.</p> <p><b>2</b> The management plans for inspection and maintenance of mooring equipment (including mooring lines) specified in <b>2.1.7-1.(2)(p), Part 2 of the Rules</b> are to be prepared in accordance with <i>MSC.1/Circ.1620</i> and are to include the following (1) to (6).</p> <p>(1) Procedures for mooring equipment (including mooring lines) operations, inspection and maintenance.</p> <p>(2) Procedures to allow the identification and management of mooring lines, tails and associated attachments.</p> <p>(3) Manufacturer criteria for mooring line replacement.</p> <p>(4) Records of the original mooring design concepts, equipment, arrangements and specifications. For ships the</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>keels of which were laid before 1 January 2007 and which are without appropriate documentation, <i>MBL<sub>sd</sub></i> should be established in accordance with the following (a) and (b).</p> <p>(a) <i>MBL<sub>sd</sub></i> should be established based on the Safe Working Load (<i>SWL</i>) of the mooring equipment provided on board.</p> <p>(b) If no safe working load is specified, the strength of the mooring equipment and its supporting hull structure should be checked based on <b>14.4.3, Part 1, Part C of the Rules</b> and determine <i>MBL<sub>sd</sub></i> based on the actual capacity of the equipment on board and its supporting hull structure.</p> <p>(5) Manufacturers' test certificates for mooring lines, joining shackles and synthetic tails</p> <p>(6) Records of mooring equipment inspections and maintenance, and mooring line inspections and replacement.</p> <p><b>2.1.8 Verification of Coating Application</b></p> <p><b>1</b> The “Technical Data Sheet” stipulated in <b>2.1.8(1), Part 2 of the Rules</b> refers to the paint manufacturers’ Product Data Sheet which contains detailed technical instruction and information relevant to the coating and its application.</p> <p><b>2</b> The “certificate deemed appropriate by the Society” stipulated in <b>2.1.8 (1), Part 2 of the Rules</b> refers to one of the following (1) to (3):</p> <p>(1) The Society’s approval certificate specified in <b>Chapter 4, Part 4 of Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use</b></p> <p>(2) Statement of Compliance issued by the Research Institute</p>	<p>keels of which were laid before 1 January 2007 and which are without appropriate documentation, <i>MBL<sub>sd</sub></i> should be established in accordance with the following (a) and (b).</p> <p>(a) <i>MBL<sub>sd</sub></i> should be established based on the Safe Working Load (<i>SWL</i>) of the mooring equipment provided on board.</p> <p>(b) If no safe working load is specified, the strength of the mooring equipment and its supporting hull structure should be checked based on <b>14.4.3, Part 1, Part C of the Rules</b> and determine <i>MBL<sub>sd</sub></i> based on the actual capacity of the equipment on board and its supporting hull structure.</p> <p>(5) Manufacturers' test certificates for mooring lines, joining shackles and synthetic tails</p> <p>(6) Records of mooring equipment inspections and maintenance, and mooring line inspections and replacement.</p> <p><b>2.1.9 Verification of Coating Application</b></p> <p><b>1</b> The “Technical Data Sheet” stipulated in <b>2.1.9(1), Part 2 of the Rules</b> refers to the paint manufacturers’ Product Data Sheet which contains detailed technical instruction and information relevant to the coating and its application.</p> <p><b>2</b> The “certificate deemed appropriate by the Society” stipulated in <b>2.1.9 (1), Part 2 of the Rules</b> refers to one of the following (1) to (3):</p> <p>(1) The Society’s approval certificate specified in <b>Chapter 4, Part 4 of Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use</b></p> <p>(2) Statement of Compliance issued by the Research Institute</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>of Marine Engineering, Japan (<i>RIME</i>), the Japan Paint Inspection and testing Association or MARINTEK</p> <p>(3) Other documents approved by the Society</p> <p><b>3</b> The “qualification standards deemed appropriate by the Society” stipulated in <b>2.1.8 (3), Part 2 of the Rules</b> refers to the qualifications that the coating inspector is to have, at least one of which is from the following (1) to (3):</p> <p>(1) NACE Coating Inspector Level 2</p> <p>(2) FROSIO Inspector Level III</p> <p>(3) Equivalent qualifications approved by the Society</p> <p><b>4</b> The “coating inspection requirements deemed appropriate by the Society” stipulated in <b>2.1.8 (5), Part 2 of the Rules</b> refers to the requirements specified in <b>6, IMO Resolution MSC.215(82)</b>.</p> <p><b>Part 10 PASSENGER SUBMERSIBLE CRAFT</b></p> <p><b>Chapter 2 SURVEYS OF SUBMERSIBLES</b></p> <p><b>2.2 Classification Survey during Construction</b></p> <p><b>2.2.3 Presence of the Surveyor</b></p> <p>The wording “items specified otherwise by the Society” and the wording “survey methods which it considers to be appropriate” in <b>2.2.3, Part 10 of the Rules</b> mean to be in accordance with the</p>	<p>of Marine Engineering, Japan (<i>RIME</i>), the Japan Paint Inspection and testing Association or MARINTEK</p> <p>(3) Other documents approved by the Society</p> <p><b>3</b> The “qualification standards deemed appropriate by the Society” stipulated in <b>2.1.9 (3), Part 2 of the Rules</b> refers to the qualifications that the coating inspector is to have, at least one of which is from the following (1) to (3):</p> <p>(1) NACE Coating Inspector Level 2</p> <p>(2) FROSIO Inspector Level III</p> <p>(3) Equivalent qualifications approved by the Society</p> <p><b>4</b> The “coating inspection requirements deemed appropriate by the Society” stipulated in <b>2.1.9 (5), Part 2 of the Rules</b> refers to the requirements specified in <b>6, IMO Resolution MSC.215(82)</b>.</p> <p><b>Part 10 PASSENGER SUBMERSIBLE CRAFT</b></p> <p><b>Chapter 2 SURVEYS OF SUBMERSIBLES</b></p> <p><b>2.2 Classification Survey during Construction</b></p> <p><b>2.2.3 Presence of the Surveyor</b></p> <p>The wording “items specified otherwise by the Society” and the wording “survey methods which it considers to be appropriate” in <b>2.2.3, Part 10 of the Rules</b> mean to be in accordance with the</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p>following (1) and (2) respectively:</p> <p>(1) The wording “items specified otherwise by the Society” means surveys of the tests specified in <b>2.2.3(1), 7.2.1 and 7.2.2, Part 10 of the Rules.</b></p> <p>(2) The wording “survey methods which it considers to be appropriate” means to be in accordance with <b>2.1.4-2(2), Part 2.</b></p>	<p>following (1) and (2) respectively:</p> <p>(1) The wording “items specified otherwise by the Society” means surveys of the tests specified in <b>2.2.3(1), 7.2.1 and 7.2.2, Part 10 of the Rules.</b></p> <p>(2) The wording “survey methods which it considers to be appropriate” means to be in accordance with <b>2.1.5-2(2), Part 2.</b></p>	

Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)

Amended	Original	Remarks
<p style="text-align: center;"><b>GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF INLAND WATERWAY SHIPS</b></p> <p style="text-align: center;"><b>Part 2 CLASS SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval</b> (Deleted)</p>	<p style="text-align: center;"><b>GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF INLAND WATERWAY SHIPS</b></p> <p style="text-align: center;"><b>Part 2 CLASS SURVEYS</b></p> <p style="text-align: center;"><b>Chapter 2 CLASSIFICATION SURVEYS</b></p> <p><b>2.1 Classification Survey during Construction</b></p> <p><b>2.1.2 Submission of Plans and Documents for Approval</b> <b>3</b> <u>The requirements referred to as “the requirements stipulated otherwise by the Society” in 2.1.2-6, Part 2 of the Rules, are specified below.</u></p> <p>(1) <u>Where a ship is built at the same place of manufacture based on plans and documents which have already been approved, the “Application for exemption from submission of plans and documents of sister ship” and 3 copies of each of the following plans are to be submitted for approval by the Society.</u></p> <p>(a) <u>General Arrangement</u></p> <p>(b) <u>Midship Section</u></p> <p>(c) <u>Construction Profile &amp; Deck Plan</u></p> <p>(d) <u>Shell Expansion</u></p> <p>(e) <u>Machinery Arrangement of Machinery Space</u></p> <p>(f) <u>Shafting Arrangement</u></p> <p>(g) <u>Piping Arrangement in Machinery Space</u></p> <p>(2) <u>Where machinery is built at the same place of manufacture</u></p>	<p>(Deleted)</p>

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p><b>3</b> The wording “as stipulated otherwise by the Society” in <b>2.1.2-1, Part 2 of the Rules</b> refers to the following.</p> <p>Where the applicant (stipulated in <b>2.3, Regulations for the Classification and Registry of Ships</b>) intends to get approval on plans and documents prior to submission of an application for alterations (stipulated in <b>2.4, Part 2 of the Rules</b>) or classification and surveys of the ship in order to facilitate preparation of alternations, an application for prior approval of plans and documents is to be submitted to the Society. In cases where an application for Classification Survey is submitted, an application for prior approval of plans and documents are to be transferred to the application for Classification Survey.</p>	<p><u>based on plans and documents which have already been approved, 3 copies of the “Application for exemption from submission of plans and documents of a sister ship” which includes the following information are to be submitted for approval by the Society.</u></p> <p><u>(a) Specification of Machinery</u></p> <p><u>(b) Drawing Number and approved date</u></p> <p><u>(c) Classification Number and Name of sister ship or Name of Shipyard and Ship Number of sister ship</u></p> <p><u>(d) Approval Number of the Machinery approved as of Standardized Design or Mass Production, if any</u></p> <p><b>(3)</b> <u>Where alterations to the design approved for a sister ship is made or rules that have been amended are applied, drawings and documents including relevant alterations are to be submitted for approval by the Society prior to commencement of work.</u></p> <p><b>4</b> The wording “as stipulated otherwise by the Society” in <b>2.1.2-1, Part 2 of the Rules</b> refers to the following.</p> <p>Where the applicant (stipulated in <b>2.3, Regulations for the Classification and Registry of Ships</b>) intends to get approval on plans and documents prior to submission of an application for alterations (stipulated in <b>2.4, Part 2 of the Rules</b>) or classification and surveys of the ship in order to facilitate preparation of alternations, an application for prior approval of plans and documents is to be submitted to the Society. In cases where an application for Classification Survey is submitted, an application for prior approval of plans and documents are to be transferred to the application for Classification Survey.</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p align="center"><b>GUIDANCE FOR THE APPROVAL AND TYPE APPROVAL OF MATERIALS AND EQUIPMENT FOR MARINE USE</b></p> <p align="center"><b>Part I GENERAL</b></p> <p align="center"><b>Chapter 2 DEFINITIONS</b></p> <p><b>2.6 Approval of Standardized Design</b></p> <p>Approval of Standardized Design means a method for applying the requirement to certify for the manufacturers that the drawings and documents specifying the particulars, construction, dimensions and materials of equipment for marine use may be dealt with as the standard design, by conducting the approval for these drawings in advance.</p>	<p align="center"><b>GUIDANCE FOR THE APPROVAL AND TYPE APPROVAL OF MATERIALS AND EQUIPMENT FOR MARINE USE</b></p> <p align="center"><b>Part I GENERAL</b></p> <p align="center"><b>Chapter 2 DEFINITIONS</b></p> <p><b>2.6 Approval of Standardized Design</b></p> <p>Approval of Standardized Design means a method for applying the requirement <u>in 2.1.2-6, Part B of Rules for the Survey and Construction of Steel Ships</u> and to certify for the manufacturers that the drawings and documents specifying the particulars, construction, dimensions and materials of equipment for marine use may be dealt with as the standard design, by conducting the approval for these drawings in advance.</p>	

**Amended-Original Requirements Comparison Table (The Omission of Plans and Documents Required to be Submitted)**

Amended	Original	Remarks
<p align="center"><b>EFFECTIVE DATE AND APPLICATION</b></p> <ol style="list-style-type: none"> <li>1. The effective date of the amendments is 1 July 2024.</li> <li>2. Notwithstanding the amendments to the Guidance, the current requirements apply to ships for which the date of contract for construction is before the effective date.</li> </ol>		