



# CIRCULAR

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To : All Surveyors and whom it may concern

No : 2020-1-E  
Date : 2020. 2. 19

<b>Subject</b>	<b>9.131 Notice for Amendments to the KR Technical Rules (Rule/Guidance, Part 1 &amp; Guidance for Approval of Service Suppliers)</b>
<b>Application</b>	<b>1<sup>st</sup> March 2020 (Date of which application for survey is submitted)</b>

1. Please be informed that the partial amendments have been made to the "Rules/Guidance Relating to the Rules for the Classification of Steel Ships, Pt. 1 and Guidance for Approval of Service Suppliers, as below and you are kindly requested to apply these amendments on the relevant works.

= Below =

- 1) To introduce new requirements for Conditional Certificate of Classification
  - 2) To reflect improvement needs as the result of supervision of the Ministry of Maritime Affairs & Fisheries, etc.
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2. Furthermore, please be informed that these amendments will be included in 2021 edition for Rule and in 2020 edition for Guidances on KR Classification Technical Rules which will be published in the first half of 2020 and 2021 respectively.

Attachments : Amended Rule/Guidance, Part 1 etc. --- 1 copy. (The End)

# Amended Rules for the Classification of Steel Ships

## (Part 1 Classification and Surveys)

Feb. 2020



## - Main Amendments -

(1) Effective date : 1 Mar. 2020 (Date of which the application for survey is submitted)

- The requirements for Conditional Certificate of Classification newly provided.

**(1) Effective date : 1 Mar. 2020**

(Date of which application for survey is submitted)

Present	Amendments
<p style="text-align: center;"><b>CHAPTER 1 CLASSIFICATION</b></p> <p style="text-align: center;">Section 1 ~ 2 &lt;omitted&gt;</p> <p style="text-align: center;"><b>Section 3 Classification Survey during Construction</b></p> <p>301. ~ 306. &lt;omitted&gt;</p> <p><b>307. Stability <u>experiments</u></b> [See Guidance]</p> <ol style="list-style-type: none"> <li>1. &lt;omitted&gt;</li> <li>2. The <u>stability experiments</u> in above Par 1 are to demonstrate that their intact stability is adequate for the service intended. Adequate intact stability means compliance with standards laid down by the relevant Administration or those of the Society taking into account the ship's size and type. The level of intact stability for ships with a length of 24 m and above <u>in any case</u> should not be less than that provided by <u>Part A of IMO Res.MSC.267(85)(Adoption of the international code on intact stability, 2008(2008 IS Code))</u> as applicable to the type of ship being considered. Where other criteria are accepted by the Administration concerned, these criteria may be used for the purpose of classification. Evidence of approval by the Administration concerned may be accepted for the purpose of classification.</li> </ol> <p>&lt;hereafter, omitted&gt;</p>	<p style="text-align: center;"><b>CHAPTER 1 CLASSIFICATION</b></p> <p style="text-align: center;">Section 1 ~ 2 &lt;same as the current Rules&gt;</p> <p style="text-align: center;"><b>Section 3 Classification Survey during Construction</b></p> <p>301. ~ 306. &lt;same as the current Rules&gt;</p> <p><b>307. Stability <u>experiments (2020)</u></b> [See Guidance]</p> <ol style="list-style-type: none"> <li>1. &lt;same as the current Rules&gt;</li> <li>2. The <u>preparation and approval of stability booklets experiments</u> in above Par 1 are to demonstrate that their intact stability is adequate for the service intended. Adequate intact stability means compliance with standards laid down by the relevant Administration or those of the Society taking into account the ship's size and type. The level of intact stability for ships with a length of 24 m and above <u>in any case</u> should not be less than that provided by <u>Part A of IMO Res.MSC.267(85)(Adoption of the international code on intact stability, 2008(2008 IS Code))</u> as applicable to the type of ship being considered. Where other criteria are accepted by the Administration concerned, these criteria may be used for the purpose of classification. Evidence of approval by the Administration concerned may be accepted for the purpose of classification.</li> </ol> <p>&lt;hereafter, same as the current Rules&gt;</p>

Present	Amendments
<p style="text-align: center;">Section 5 Certificates and Reports</p> <p>501. Certificate of Classification &lt;omitted&gt;</p> <p>502. Interim Certificate of Classification</p> <ol style="list-style-type: none"> <li>1. Where ships have undergone a Classification Survey during or after Construction to the satisfaction of the Surveyor, <u>the Interim Certificate of Classification will be issued.</u></li> <li>2. <u>Where a single direct voyage to repair yard/survey port or demolition yard, etc. is allowed with the Interim Certificate of Classification instead of the Certificate of Classification, an Interim Certificate of Classification will be issued. [See Guidance]</u></li> </ol> <p><u>&lt;newly added&gt;</u></p> <p>503. ~ 504. &lt;omitted&gt;</p>	<p style="text-align: center;">Section 5 Certificates and Reports</p> <p>501. Certificate of Classification &lt;same as the current Rules&gt;</p> <p>502. Interim Certificate of Classification <u>(2020)</u></p> <ol style="list-style-type: none"> <li>1. Where ships have undergone a Classification Survey during or after Construction to the satisfaction of the Surveyor, <u>the Interim Certificate of Classification will be issued to permit the ship to trade while the Certificate of Classification is prepared.</u></li> <li>2. <u>Where a single direct voyage to repair yard/survey port or demolition yard, etc. is allowed with the Interim Certificate of Classification instead of the Certificate of Classification, an Interim Certificate of Classification will be issued. [See Guidance]</u></li> </ol> <p><u>503. Conditional Certificate of Classification (2020)</u></p> <ol style="list-style-type: none"> <li>1. <u>A Conditional Certificate of Classification is to be issued where a single direct voyage to a repair yard/survey port/another place of laid-up or demolition yard, etc., in lieu of a Classification Certificate. In this case, "a single direct voyage is allowed" means the cases as specified in 901. 5 or 7.</u></li> <li>2. <u>In addition, where deemed necessary by the Society, it issues the Conditional Certificate of Classification as specified by the Society</u></li> </ol> <p><u>504. 503. ~ 505. 504.</u> &lt;same as the current Rules&gt;</p>

Present	Amendments
<p><a href="#">505.</a> <b>Keeping of the certificates and survey reports</b>  The Certificate of Classification, the Interim Certificate of Classification, Particular Sheets and Survey Reports, etc. are always to be kept on board by the master of the ship and are to be produced when requested by the Surveyor.</p> <p><a href="#">506.</a> &lt;omitted&gt;</p> <p><b>507. Re-issue and return of certificate</b></p> <ol style="list-style-type: none"> <li>1. When the Certificate of Classification, the Interim Certificate of Classification, Particular Sheets, or Survey Reports are lost or impaired, or when the items stated in them require alteration, the application for re-issue must be made without delay.</li> <li>2. When a ship holding the Interim Certificate of Classification is furnished with the Certificate of Classification, when the certificate is re-issued except in the case of its loss, or when the classification is cancelled, the old certificate is to be returned to the Society without delay.</li> </ol> <p><a href="#">508.</a> ~ <a href="#">509.</a> &lt;omitted&gt;</p>	<p><a href="#">506.</a> <del>505.</del> <b>Keeping of the certificates and survey reports</b> <i>(2020)</i>  The Certificate of Classification <u>or</u> the Interim Certificate of Classification <u>or the Conditional Certificate of Classification</u>, Particular Sheets and Survey Reports, etc. are always to be kept on board by the master of the ship and are to be produced when requested by the Surveyor.</p> <p><a href="#">507.</a> <del>506.</del> <i>(2020)</i> &lt;same as the current Rules&gt;</p> <p><b>507. Re-issue and return of certificate</b> <i>(2020)</i></p> <ol style="list-style-type: none"> <li>1. When the Certificate of Classification <u>or</u> the Interim Certificate of Classification <u>or the Conditional Certificate of Classification</u>, Particular Sheets, or Survey Reports are lost or impaired, or when the items stated in them require alteration, the application for re-issue must be made without delay.</li> <li>2. When a ship holding the Interim Certificate of Classification <u>or the Conditional Certificate of Classification</u>, is furnished with the Certificate of Classification, when the certificate is re-issued except in the case of its loss, or when the classification is cancelled, the old certificate is to be returned to the Society without delay.</li> </ol> <p><a href="#">509.</a> <del>508.</del> ~ <a href="#">510.</a> <del>509.</del> <i>(2020)</i> &lt;same as the current Rules&gt;</p>
<p style="text-align: center;"><b>Section 6 Application for Survey</b></p> <p><a href="#">601.</a> ~ <a href="#">602.</a> &lt;omitted&gt;</p> <p><b>603. Re-issue of certificate</b>  The application for re-issue and return of the Classification Certificate, the Interim Classification Certificate, Particular Sheets and Survey Reports are to be made by the Owner.</p> <p>&lt;hereafter, omitted&gt;</p>	<p style="text-align: center;"><b>Section 6 Application for Survey</b></p> <p><a href="#">601.</a> ~ <a href="#">602.</a> &lt;same as the current Rules&gt;</p> <p><b>603. Re-issue of certificate</b> <i>(2020)</i>  The application for re-issue and return of the Classification Certificate <u>or</u> the Interim Classification Certificate <u>or the Conditional Certificate of Classification</u>, Particular Sheets and Survey Reports are to be made by the Owner.</p> <p>&lt;hereafter, same as the current Rules&gt;</p>

Present	Amendments
<p data-bbox="98 244 1111 280"><b>Section 9 Suspension/Withdrawal of Class and Reclassification</b></p> <p data-bbox="91 304 607 336"><b>901. Suspension/Reinstatement of class</b></p> <ol data-bbox="120 357 1115 496" style="list-style-type: none"> <li data-bbox="120 357 271 384">1. &lt;omitted&gt;</li> <li data-bbox="120 395 1115 496">2. The classification may be suspended in accordance with the Society's suspension procedure. <u>&lt;newly added&gt;</u></li> </ol> <p data-bbox="154 715 658 775">(1) ~ (6) &lt;omitted&gt; (7) in the event of non-payment of fees</p> <p data-bbox="154 786 1115 967"><u>Classification will be reinstated if the cause of such suspension are removed, or upon verification that the overdue survey has been satisfactorily dealt with. Suspension of class decided by the Society takes effect from the date when the condition for suspension of class are met and will remain in effect until such time as the class is reinstated once the due items and/or surveys have been dealt with.</u></p> <p data-bbox="120 1031 309 1058"><b>3.~6. &lt;omitted&gt;</b></p> <p data-bbox="120 1078 1115 1353">7. When a vessel is intended for a single voyage from laid-up position to repair yard with any periodical survey overdue, the vessel's class suspension may be held in abeyance and consideration may be given to allow the vessel to proceed on a single direct ballast voyage from the site of lay up to the repair yard, provided the Society finds the vessel in satisfactory condition after surveys, the extent of which are to be based on surveys overdue and duration of lay-up. <u>An Interim Certificate of Classification</u> with conditions for the intended voyage may be issued. This is not applicable to vessels whose class was already suspended prior to being laid-up.</p> <p data-bbox="120 1401 349 1428">&lt;hereafter, omitted&gt;</p>	<p data-bbox="1267 244 2024 304"><b>Section 9 Suspension/Withdrawal of Class and Reclassification</b></p> <p data-bbox="1144 336 1637 368"><b>901. Suspension/Reinstatement of class</b></p> <ol data-bbox="1173 389 2145 496" style="list-style-type: none"> <li data-bbox="1173 389 1547 416">1. &lt;same as the current Rules&gt;</li> <li data-bbox="1173 427 2145 496">2. The classification may be suspended in accordance with the Society's suspension procedure. <u>(2020)</u> <u>Classification will be reinstated if the cause of such suspension are removed, or upon verification that the overdue survey has been satisfactorily dealt with. Suspension of class decided by the Society takes effect from the date when the condition for suspension of class are met and will remain in effect until such time as the class is reinstated once the due items and/or surveys have been dealt with.</u></li> </ol> <p data-bbox="1207 699 1697 759">(1) ~ (6) &lt;same as the current Rules&gt; (7) in the event of non-payment of fees</p> <p data-bbox="1207 770 2145 951"><u>Classification will be reinstated if the cause of such suspension are removed, or upon verification that the overdue survey has been satisfactorily dealt with. Suspension of class decided by the Society takes effect from the date when the condition for suspension of class are met and will remain in effect until such time as the class is reinstated once the due items and/or surveys have been dealt with.</u></p> <p data-bbox="1173 1015 1585 1042"><b>3.~6. &lt;same as the current Rules&gt;</b></p> <p data-bbox="1173 1062 2145 1369">7. When a vessel is intended for a single voyage from laid-up position to repair yard with any periodical survey overdue, the vessel's class suspension may be held in abeyance and consideration may be given to allow the vessel to proceed on a single direct ballast voyage from the site of lay up to the repair yard, provided the Society finds the vessel in satisfactory condition after surveys, the extent of which are to be based on surveys overdue and duration of lay-up. <u>A Conditional An Interim Certificate of Classification</u> with conditions for the intended voyage may be issued. This is not applicable to vessels whose class was already suspended prior to being laid-up. <u>(2020)</u></p> <p data-bbox="1173 1385 1630 1412">&lt;hereafter, same as the current Rules&gt;</p>



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

(Part 1 Classification and Surveys)

Feb. 2020



## - Main Amendments -

### **(1) Effective date : 1 Mar. 2020 (Date of which the application for survey is submitted)**

- Amendment of Equivalence (Reflected improvement needs according to the result of supervision of the Ministry of Maritime Affairs & Fisheries)
- Reflect the Procedure for Design Appraisal & Drawing Approval(QP-18, Rev. 43)-Table 7. Drawings to be approved by the Branch Office
- Amendment of Stability experiments & deletion of Annex 1-2 "Guidance for Intact Stability (2008 IS Code is to be referred)
- Re-established Fire-Fighting on Tug Boat's special Feature Notation in Appendix 1-1

**(1) Effective date : 1 Mar. 2020**

(Date of which application for survey is submitted)

Present	Amendments
<p style="text-align: center;"><b>CHAPTER 1 CLASSIFICATION</b></p> <p style="text-align: center;"><b>Section 1 General</b></p> <p>Tests and Inspections specified in the Rules of the Society are to be carried out under attendance of the Surveyor, unless expressly specified otherwise.</p> <p><b>104. Equivalence [See Rule]</b></p> <p>In application to <b>104.</b> of the Rules, the term "deemed to be equivalent to the Rules to the satisfaction to the Society" includes the following cases.</p> <p>(1) <u>Where complying with a standard deemed appropriate by the Society(ISO, KS, ASME, JIS, etc.).</u></p> <p>(2) Where approved in accordance with <b>Guidance for Approval of Risk-based Ship Design.</b></p> <p>(3) Where having proven service experience deemed appropriate by the Society. For the purposes of this paragraph, proven in-service experience means having a service record of maintaining the performance without any damage for sufficient period.</p> <p>(4) Where there are records of vessel approved by any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS. <i>(2020)</i></p> <p>⟨hereafter, omitted⟩</p>	<p style="text-align: center;"><b>CHAPTER 1 CLASSIFICATION</b></p> <p style="text-align: center;"><b>Section 1 General</b></p> <p>Tests and Inspections specified in the Rules of the Society are to be carried out under attendance of the Surveyor, unless expressly specified otherwise.</p> <p><b>104. Equivalence [See Rule]</b></p> <p>In application to <b>104.</b> of the Rules, the term "deemed to be equivalent to the Rules to the satisfaction to the Society" includes the following cases.</p> <p>(1) <u>Where as recognized international standards (ISO, IEC, etc.) or national standards (KS, JIS, ASME, etc.) recognized by the Society, each cited in the Classificatin Technical Rules, Where complying with a standard deemed appropriate by the Society(ISO, KS, ASME, JIS, etc.): <i>(2020)</i></u></p> <p>(2) Where approved in accordance with <b>Guidance for Approval of Risk-based Ship Design.</b></p> <p>(3) Where having proven service experience deemed appropriate by the Society. For the purposes of this paragraph, proven in-service experience means having a service record of maintaining the performance without any damage for sufficient period.</p> <p>(4) Where there are records of vessel approved by any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS. <i>(2020)</i></p> <p>⟨hereafter, same as the current Guidances⟩</p>

Present	Amendments
<p style="text-align: center;"><b>Section 3 Classification Survey during Construction</b></p> <p>301. &lt;omitted&gt;</p> <p>302. Approval of plans <b>[See Rule]</b></p> <p>1. ~ 3. &lt;omitted&gt;</p> <p>4. Examination and test plans</p> <p>The shipbuilder <u>is to submit</u> the examination and test plans including the followings to the Surveyor prior to the relevant examination and test.</p> <p>(1) Inspection and Test Plan(ITP)</p> <p>(2) <u>proposals for the examination of completed steelwork – generally referred to as the block plan and are to include details of joining blocks together at the pre-erection and erection stages or at other relevant stages</u></p> <p>(3) proposals for fit up examinations where necessary</p> <p>(4) proposals for testing of the structure(leak and hydrostatic) as well as for all watertight and weathertight closing appliances</p> <p>(5) proposals for non-destructive examination</p> <p>(6) Procedure of stability experiment</p> <p>(7) Procedure of Sea Trial</p> <p>(8) The coating work specification and quality control scheme(including inspection of surface preparation and coating processes for ships with PSPC notation)</p> <p>(9) Proposals for the examination of cargo handling appliances(where applicable)</p> <p>(10) Onboard Test Procedure &lt;Newly provided&gt;</p> <p>(11) any other proposals specific to the ship type or to the statutory requirements(where applicable)</p> <p>&lt;hereafter, omitted&gt;</p>	<p style="text-align: center;"><b>Section 3 Classification Survey during Construction</b></p> <p>301. &lt;same as the current Guidance&gt;</p> <p>302. Approval of plans <b>[See Rule]</b></p> <p>1. ~ 3. &lt;same as the current Guidance&gt;</p> <p>4. Examination and test plans <b>(2020)</b></p> <p><u>For approval or reference, t</u>The shipbuilder <u>is to submit</u> the examination and test plans including the followings to the Surveyor prior to the relevant examination and test.</p> <p><u>(1) Approval</u></p> <p>(A) <del>(1)</del> Inspection and Test Plan(ITP)</p> <p>(B) <del>(3)</del> proposals for fit up examinations (where necessary)</p> <p>(C) <del>(4)</del> proposals for testing of the structure(leak and hydrostatic) as well as for all watertight and weathertight closing appliances</p> <p>(D) <del>(5)</del> proposals for non-destructive examination</p> <p>(E) <del>(6)</del> Procedure of stability experiment</p> <p>(G) <del>(7)</del> Procedure of Sea Trial</p> <p>(H) <del>(8)</del> The coating work specification and quality control scheme(including inspection of surface preparation and coating processes for ships with PSPC notation)</p> <p>(I) Proposals for the examination of cargo handling appliances(where applicable)</p> <p>(J) <del>(10)</del> Onboard Test Procedure</p> <p><u>(K) Hull Construction Monitoring Plan (where applicable)</u></p> <p><u>(L) <del>(11)</del> any other proposals specific to the ship type or to the statutory requirements(where applicable)</u></p> <p><u>(2) Reference</u></p> <p>(A) <del>(2)</del> <u>proposals for the examination of completed steelwork – generally referred to as the block plan and are to include details of joining blocks together at the pre-erection and erection stages or at other relevant stages</u></p> <p>&lt;hereafter, same as the current Guidance&gt;</p>

Present	Amendments
<p>307. Stability <u>experiments</u> <b>【See Rule】</b></p> <ol style="list-style-type: none"> <li>1. &lt;omitted&gt;</li> <li>2. Stability experiments stated in the Rules mean inclining experiments and rolling tests. Where the rolling period could be calculated in accordance with the formula specified in <b>Annex 1-2</b> of the Guidance, the rolling tests may be dispensed with except those specially required by the Society.</li> <li>3. The requirements for intact stability shall be given in <b>Annex 1-2</b> of the Guidance.</li> <li>4. Where a loading instrument is installed onboard according to requirement in <b>307. 2</b> of the Rules, the approval and survey procedures are given in <b>Annex 1-10</b> of the Guidance.</li> </ol>	<p>307. Stability <b>experiments</b> <i>(2020)</i><b>【See Rule】</b></p> <ol style="list-style-type: none"> <li>1. &lt;same as the current Rules&gt;</li> <li>2. Stability experiments stated in the Rules mean inclining experiments and rolling tests. Where the rolling period could be calculated in accordance with the formula specified in <i>2008 IS Code Part A Annex 1-2 of the Guidance</i>, the rolling tests may be dispensed with except those specially required by the Society. <i>(2020)</i></li> <li><del>3. The requirements for intact stability shall be given in <b>Annex 1-2</b> of the Guidance.</del></li> <li>3. 4. Where a loading instrument is installed onboard according to requirement in <b>307. 2</b> of the Rules, the approval and survey procedures are given in <b>Annex 1-10</b> of the Guidance. <i>(2020)</i></li> </ol>

Present	Amendments
<p style="text-align: center;"><b>Section 4 Classification Survey after Construction</b></p> <p><b>401. Classification Survey after Construction [See Rule]</b>            &lt;omitted&gt;</p> <p><b>402. Submission of plans [See Rule]</b></p> <p>1. For the Classification Survey after Construction, <u>the following plans and documents are to be submitted to the Society well in advance.</u> Where deemed necessary by the Society, the list of plans and documents other than those specified below are to be notified to the owner and there are to be submitted to the Society.</p> <p>(1) Hull : 3 copies(2 copies for (I), (J), (L), (N) and (O))</p> <ul style="list-style-type: none"> <li>(A) General arrangement</li> <li>(B) Midship section</li> <li>(C) Construction profile and deck plans</li> <li>(D) ~ (H) &lt;omitted&gt;</li> <li>(I) Capacity plan</li> <li>(J) Loading manual(where required) (2018)</li> <li>(K) Loading instrument test report(where required) (2018)</li> <li>(L) Lines or equivalent (where required) (2018)</li> <li>(M) Lumber storage plan(where assignment of timber freeboard is required)</li> <li>(N) Stability information booklet(including hydrostatic curves or table)</li> <li>(O) Damage stability calculation(where required)</li> </ul> <p>&lt;omitted&gt;</p> <p>(6) Others</p> <ul style="list-style-type: none"> <li>(A) A copy of survey reports(including Ship's Particulars and Initial Records)</li> <li>(B) Copies of Classification Certificate, Statutory Certificate and Certificate of Registry</li> <li>(C) Others indicating the ship's history and other particulars if necessary</li> </ul> <p>&lt;hereafter, omitted&gt;</p>	<p style="text-align: center;"><b>Section 4 Classification Survey after Construction</b></p> <p><b>401. Classification Survey after Construction [See Rule]</b>            &lt;same as the current Guidance&gt;</p> <p><b>402. Submission of plans [See Rule]</b></p> <p>1. For the Classification Survey after Construction, <u>the following plans and documents(except for (I) and (L) of (1)) of (1) through (5) are to be submitted for approval and (I), (L) of (1) and (6) are to be submitted for reference to the Society well in advance.</u> Where deemed necessary by the Society, the list of plans and documents other than those specified below are to be notified to the owner and there are to be submitted to the Society.</p> <p>(1) Hull : 3 copies(2 copies for (I), (J), (L), (N) and (O))</p> <ul style="list-style-type: none"> <li>(A) General arrangement</li> <li>(B) Midship section</li> <li>(C) Construction profile and deck plans</li> <li>(D) ~ (H) &lt;same as the current Guidances&gt;</li> <li>(I) Capacity plan – <u>for reference (2020)</u></li> <li>(J) Loading manual(where required) (2018)</li> <li>(K) Loading instrument test report(where required) (2018)</li> <li>(L) Lines or equivalent (where required) – <u>for reference (2020)</u></li> <li>(M) Lumber storage plan(where assignment of timber freeboard is required)</li> <li>(N) Stability information booklet(including hydrostatic curves or table)</li> <li>(O) Damage stability calculation(where required)</li> </ul> <p>&lt;same as the current Guidance&gt;</p> <p>(6) Others</p> <ul style="list-style-type: none"> <li>(A) A copy of survey reports(including Ship's Particulars and Initial Records)</li> <li>(B) Copies of Classification Certificate, Statutory Certificate and Certificate of Registry</li> <li>(C) Others indicating the ship's history and other particulars if necessary</li> </ul> <p>&lt;hereafter, same as the current Guidance&gt;</p>

Present	Amendments
<p><b>403. Classification Survey of ships classed by other classes or TOC(Transfer of Classification) (2017) [See Rule]</b></p> <p>When a ship holding class with any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS is intended for classification, plans and documents to be submitted and items to be surveyed etc., are listed as below. Where deemed necessary by the Society, the list of plans and documents other than those specified below are to be notified to the Owner and there are <u>to be submitted</u> to the Society.</p> <p>1. Plan and document (2018)</p> <p>(1) Hull : 1 copy</p> <p>(A) General arrangement  (B) Midship section  (C) Construction profile and deck plans  (D) Shell expansion  (E) Transverse bulkheads  (F) Rudder and Rudder stock construction  (G) Stern frame  (H) Hatches and hatch-closing arrangements(when hatch covers are provided)</p> <p>(I) Capacity plan  (J) Loading manual(where required) (2018)</p> <p>(K) Lumber storage plan(where assignment of timber freeboard is required)  (L) Stability information booklet(including hydrostatic curves or table)</p> <p>(M) Damage stability calculation(where required)  (N) For vessels built under IACS Common Structural Rules(Pt 11, Pt 12 or Pt 13 of the Rules), plans showing, for each structural element, both as-built and renewal thicknesses and any thickness for "voluntary addition"</p> <p>&lt;hereafter, omitted&gt;</p>	<p><b>403. Classification Survey of ships classed by other classes or TOC(Transfer of Classification) (2020) [See Rule]</b></p> <p>When a ship holding class with any Society which is subject to verification of compliance with QSCS(Quality System Certification Scheme) of IACS is intended for classification, plans and documents to be submitted and items to be surveyed etc., are listed as below. Where deemed necessary by the Society, the list of plans and documents other than those specified below are to be notified to the Owner and there are to be submitted <u>for reference</u> to the Society.</p> <p>1. Plan and document (2020)</p> <p>(1) Hull : 1 copy</p> <p>(A) General arrangement  (B) Midship section  (C) Construction profile and deck plans  (D) Shell expansion  (E) Transverse bulkheads  (F) Rudder and Rudder stock construction  (G) <del>Stern frame</del>  (G) (+) Hatches and hatch-closing arrangements(when hatch covers are provided) (2020)  (H) (+) Capacity plan (2020)  (I) (+) Loading manual(where required) (2020)  (J) (+) Lumber storage plan(where assignment of timber freeboard is required) (2020)  (K) (+) Stability information booklet(including hydrostatic curves or table) (2020)  (L) (+) Damage stability calculation(where required) (2020)  (M) (+) For vessels built under IACS Common Structural Rules(Pt 11, Pt 12 or Pt 13 of the Rules), plans showing, for each structural element, both as-built and renewal thicknesses and any thickness for "voluntary addition" (2020)</p> <p>&lt;hereafter, same as the current Guidance&gt;</p>



Present	Amendments
<p style="text-align: center;"><b>Section 5 Certificates and Reports</b></p> <p><b>502. Interim Certificate of classification</b> <b>[See Rule]</b></p> <p>1. In application to <b>502. 2</b> of the Rules, the term "where a single direct voyage is allowed" means the cases as specified in <b>901. 5</b> or <b>7</b> of the Rules, etc.</p> <p>2. In addition to the <b>502.</b> of the Rules, where deemed necessary by the Society, <u>Interim Certificate of Classification will be issued. And the additional cases of issuing the Interim Certificate of Classification are to be in accordance with the separate requirement specified by the Society. (2020)</u></p> <p>&lt;hereafter, omitted&gt;</p>	<p style="text-align: center;"><b>Section 5 Certificates and Reports</b></p> <p><del>502. Interim Certificate of classification</del> <del>[See Rule]</del></p> <p><del>1. In application to <b>502. 2</b> of the Rules, the term "where a single direct voyage is allowed" means the cases as specified in <b>901. 5</b> or <b>7</b> of the Rules, etc.</del></p> <p><del>2. In addition to the <b>502.</b> of the Rules, where deemed necessary by the Society, Interim Certificate of Classification will be issued. And the additional cases of issuing the Interim Certificate of Classification are to be in accordance with the separate requirement specified by the Society.</del></p> <p>&lt;same as the current Guidance&gt;</p>

# Present

## Annex 1-1 Character of Classification

### 1. Class Notation

#### 1.1 Ship Type and Special Feature Notations

1.~14. <omitted>

Ship Types	Special Feature Notations		Remarks
15-1. Tug Boat	A* (Purpose)	B (Requirements for <u>explosion-protected electrical equipment in dangerous zone</u> )	<p>A* : In relation to Special Feature Notation, A(Purpose), Offshore Support Vessel's special feature notations, FFS1, FFS2, FFS3 or FF, shall be assigned to ships if they are complied with the requirements of FFS1, FFS2, FFS3 or FF, which are Special Feature Notations of Offshore Support Vessel. (2019)</p> <p>- : Additional notation is not required for tug boats or pushers built only for the purpose of tug or pusher work.</p> <p><sup>(24)</sup> : As shown in the following:</p> <p>1) GA : Regarding the fire fighting equipment for other vessels, this notation shall be assigned to ships complied with the requirements for explosion-protected electrical equipment in dangerous zone.</p> <p>2) GC : Regarding the fire fighting equipment for other vessels, this notation shall be assigned to ships not applied to the requirements for explosion-protected electrical equipment in dangerous zone.</p> <p>Type A : permanent connection type Type B : removable connection type</p>
	- Salvage Supply Anchor <a href="#">&lt;newly added&gt;</a> Oil Recovery(GA, GB or GC) <sup>(25)</sup>	(GA or GC) <sup>(24)</sup>	

<hereafter, omitted>

## Amendments

### Annex 1-1 Character of Classification

#### 1. Class Notation

##### 1.1 Ship Type and Special Feature Notations

1.~14. <omitted>

Ship Types	Special Feature Notations		Remarks
15-1. Tug Boat	A* (Purpose)	B (Requirements for <del>explosion-protected electrical equipment in dangerous zone</del> )	<p>A* : In relation to Special Feature Notation, A(Purpose), Offshore Support Vessel's special feature notations, FFS1, FFS2, FFS3 or FF, shall be assigned to ships if they are complied with the requirements of FFS1, FFS2, FFS3 or FF, which are Special Feature Notations of Offshore Support Vessel. (2019)</p> <p>- : Additional notation is not required for tug boats or pushers built only for the purpose of tug or pusher work.</p> <p><sup>(24)</sup> : <u>When it complies with the "Enforcement Regulations of Ship Arrival and Departure, Annex 2, Standards for Fire Extinguishing Facilities," etc., the "Fire-Fighting" specialty feature notations shall be granted. GA or GC are shown in the following:</u></p> <p>1) GA : Regarding the fire fighting equipment for other vessels, this notation shall be assigned to ships complied with the requirements for explosion-protected electrical equipment in dangerous zone.</p> <p>2) GC : Regarding the fire fighting equipment for other vessels, this notation shall be assigned to ships not applied to the requirements for explosion-protected electrical equipment in dangerous zone.</p> <p>Type A : permanent connection type Type B : removable connection type</p>
	- Salvage Supply Anchor <u>Fire-Fighting(GA, GC)<sup>(24)</sup></u> Oil Recovery(GA, GB or GC) <sup>(25)</sup>	(GA or GC) <sup>(24)</sup>	

<hereafter, same as the current Guidances>

Present	Amendments
<p data-bbox="230 244 976 284"><u>Annex 1-2 Guidance for Intact Stability</u></p> <p data-bbox="421 360 808 392"><u>INTRODUCTION</u> &lt;omitted&gt;</p> <p data-bbox="286 469 943 501"><u>PART A MANDATORY CRITERIA</u> &lt;omitted&gt;</p> <p data-bbox="163 584 1084 687"><u>PART B</u> <u>RECOMMENDATIONS FOR CERTAIN TYPES OF SHIPS AND</u> <u>ADDITIONAL GUIDELINES</u> &lt;omitted&gt;</p> <p data-bbox="96 836 309 863">&lt;hereafter, omitted&gt;</p>	<p data-bbox="1267 244 2013 284"><del>Annex 1-2 Guidance for Intact Stability</del></p> <p data-bbox="1458 360 1845 392"><del>INTRODUCTION</del> &lt;deleted&gt;</p> <p data-bbox="1323 469 1980 501"><del>PART A MANDATORY CRITERIA</del> &lt;deleted&gt;</p> <p data-bbox="1200 584 2121 687"><del>PART B</del> <del>RECOMMENDATIONS FOR CERTAIN TYPES OF SHIPS AND</del> <del>ADDITIONAL GUIDELINES</del> &lt;deleted&gt;</p> <p data-bbox="1160 807 1637 834">&lt;hereafter, same as the current Guidances&gt;</p>

Present	Amendments
<p data-bbox="181 244 1043 308" style="text-align: center;"><b>Annex 1-12 Hull Survey for Classification Survey during Construction</b></p> <p data-bbox="125 347 331 376">1. ~ 7. &lt;omitted&gt;</p> <p data-bbox="125 440 792 469">8. Examination and test plan for newbuilding activities</p> <p data-bbox="159 483 1133 603">(1) The shipbuilder is to provide plans of the items which are intended to be examined and tested. These plans need not be submitted for approval and examination at the time of the kick off meeting. They are to include:</p> <p data-bbox="197 608 1133 727">(A) proposals for the examination of completed steelwork – generally referred to as the block plan and are to include details of joining blocks together at the pre-erection and erection stages or at other relevant stages</p> <p data-bbox="197 730 891 759">(B) proposals for fit up examinations where necessary</p> <p data-bbox="197 762 1133 823">(C) proposals for testing of the structure(leak and hydrostatic) as well as for all watertight and weathertight closing appliances</p> <p data-bbox="197 850 712 879">(D) proposals for non-destructive testing</p> <p data-bbox="197 882 1133 943">(E) any other proposals specific to the ship type or to the statutory requirements.</p> <p data-bbox="159 946 1133 1034">(2) The plans and any modifications to them are to be submitted to the Surveyors in sufficient time to allow review before the relevant survey activity commences.</p> <p data-bbox="159 1037 1133 1125">(3) In addition to above (1) and (2), for tankers and bulk carriers subject to SOLAS Ch II-1 Pt A-1 Reg.3-10, see also Appendix 1-12-2 to this Annex.</p> <p data-bbox="181 1166 409 1195">&lt;hereafter, omitted&gt;</p>	<p data-bbox="1223 244 2085 308" style="text-align: center;"><b>Annex 1-12 Hull Survey for Classification Survey during Construction</b></p> <p data-bbox="1189 347 1641 376">1. ~ 7. &lt;same as the current Rules&gt;</p> <p data-bbox="1189 440 1861 469">8. Examination and test plan for newbuilding activities</p> <p data-bbox="1223 483 2152 603">(1) The shipbuilder is to provide plans of the items which are intended to be examined and tested. These plans need not be submitted for approval and examination at the time of the kick off meeting. They are to include: <a href="#">(2020)</a></p> <p data-bbox="1261 608 2152 727">(A) proposals for the examination of completed steelwork – generally referred to as the block plan and are to include details of joining blocks together at the pre-erection and erection stages or at other relevant stages <a href="#">(for reference)</a></p> <p data-bbox="1261 730 2141 759">(B) proposals for fit up examinations where necessary <a href="#">(for approval)</a></p> <p data-bbox="1261 762 2152 850">(C) proposals for testing of the structure(leak and hydrostatic) as well as for all watertight and weathertight closing appliances <a href="#">(for approval)</a></p> <p data-bbox="1261 853 1962 882">(D) proposals for non-destructive testing <a href="#">(for approval)</a></p> <p data-bbox="1261 885 2152 946">(E) any other proposals specific to the ship type or to the statutory requirements. <a href="#">(for approval)</a></p> <p data-bbox="1223 949 2152 1037">(2) The plans and any modifications to them are to be submitted to the Surveyors in sufficient time to allow review before the relevant survey activity commences.</p> <p data-bbox="1223 1040 2152 1128">(3) In addition to above (1) and (2), for tankers and bulk carriers subject to SOLAS Ch II-1 Pt A-1 Reg.3-10, see also Appendix 1-12-2 to this Annex.</p> <p data-bbox="1182 1166 1686 1195">&lt;hereafter, same as the current Guidances&gt;</p>

Present

Annex 1-16 Procedures for Testing Tanks and Tight Boundaries (2018)

<omitted>

PART A-SOLAS Ships

1. ~ 3. <omitted>

4. Test Procedures

(1) ~ (3) <omitted>

(4) Test Methods

(A) ~ (G) <omitted>

(H) Penetration test

(a) A test of butt welds or other weld joints uses the application of a low surface tension liquid at one side of a compartment boundary or structural arrangement. If no liquid is detected on the opposite sides of the boundaries after the expiration of a defined period of time, this indicates tightness of the boundaries. In certain cases, a developer solution may be painted or sprayed on the other side of the weld to aid leak detection.

<hereafter, omitted>

Amendments

Annex 1-16 Procedures for Testing Tanks and Tight Boundaries (2018)

<same as the current Guidances>

PART A-SOLAS Ships

1. ~ 3. <same as the current Guidances>

4. Test Procedures

(1) ~ (3) <same as the current Guidances>

(4) Test Methods

(A) ~ (G) <same as the current Guidances>

(H) Penetration test

(a) A test of butt welds or other weld joints uses the application of a low surface tension liquid at one side of a compartment boundary or structural arrangement. If no liquid is detected on the opposite sides of the boundaries after the expiration of a defined period of time, this indicates tightness of the boundaries. In certain cases, a developer solution may be painted or sprayed on the other side of the weld to aid leak detection. (refer to Fig. 1) (2020)

Finding Leaks with Dye Penetrant

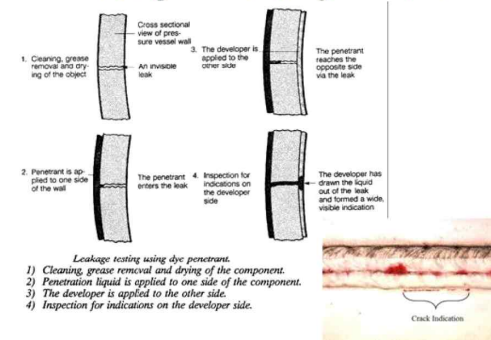


Fig. 1 Finding leaks with Penetration Test (from IACS Hull Panel)

<same as the current Guidances>

# Amended Guidance for Approval of Service Suppliers

Feb. 2020



## - Main Amendments -

**(1) Effective date : 1 Mar. 2020 (Date of which the application for survey is submitted)**

- Reflected improvement needs according to the result of supervision of the Ministry of Maritime Affairs & Fisheries) (2019-KR-3(개선))



**(1) Effective date : 1 Mar. 2020**

(Date of which application for survey is submitted)

Present	Amendments
<p style="text-align: center;"><b>INTRODUCTION</b></p> <p><b>1. General</b> To approve firms providing services, such as measurements, tests or maintenance of safety systems and equipment, the Society is to apply procedures in this requirements and relevant <b>Appendix Part A or Part B.</b></p> <p><b>2. Objective</b> The objective of this procedure is to set minimum requirements for approval and certification of Service Suppliers and is applicable to both initial and renewal audits.  &lt;omitted&gt;</p> <p><b>4. Application</b> (1) ~ (2) &lt;omitted&gt; (3) Where such services are used by Surveyors in making decisions affecting statutory certification and service, the firms are subject to approval and verification by the Society where the Society is so authorized by the relevant flag Administration(i.e. the flag of the ship on which the servicing is to be done or the service equipment is to be used). For such services the Society may accept approvals done by: (A) The flag Administration itself, (B) Duly authorized organizations acting on behalf of the flag Administration, or (C) Other organizations those are acceptable to the flag Administration(e.g. other governments, etc.).  <u>&lt;newly added&gt;</u></p>	<p style="text-align: center;"><b>INTRODUCTION</b></p> <p><b>1. General</b> To approve firms providing services, such as measurements, tests or maintenance of safety systems and equipment, the Society is to apply procedures in this requirements and relevant <b>Appendix Part A or Part B.</b></p> <p><b>2. Objective</b> The objective of this procedure is to set minimum requirements for approval and certification of Service Suppliers and is applicable to both initial and renewal audits.  &lt;same as the current Guidances&gt;</p> <p><b>4. Application</b> (1) ~ (2) &lt;same as the current Guidances&gt; (3) Where such services are used by Surveyors in making decisions affecting statutory certification and service, the firms are subject to approval and verification by the Society where the Society is so authorized by the relevant flag Administration(i.e. the flag of the ship on which the servicing is to be done or the service equipment is to be used). For such services the Society may accept approvals done by: (A) The flag Administration itself, (B) Duly authorized organizations acting on behalf of the flag Administration, or (C) Other organizations those are acceptable to the flag Administration (e.g. other governments, etc.).  <u>However, in case of the ship which is applied the Ship Safety Act of Republic of Korea, the Society may accept approvals done by: (2020)</u> <u>(A) Flag Administration</u> <u>(B) Duly authorized organizations acting on behalf of the flag Administration</u> <u>(C) The classification society which was recognized by the administration and has an agreement with KR</u></p>