

RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part B

Class Surveys

Rules for the Survey and Construction of Steel Ships

Part B

2013 AMENDMENT NO.1

Guidance for the Survey and Construction of Steel Ships

Part B

2013 AMENDMENT NO.1

Rule No.38 / Notice No.28 30th May 2013

Resolved by Technical Committee on 4th February 2013

Approved by Board of Directors on 4th March 2013

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Part B

Class Surveys

RULES

2013 AMENDMENT NO.1

Rule No.38 30th May 2013

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Rule No.38 30th May 2013

AMENDMENT TO THE RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

“Rules for the survey and construction of steel ships” has been partly amended as follows:

Part B CLASS SURVEYS

Chapter 2 CLASSIFICATION SURVEYS

2.1 Classification Survey During Construction

2.1.6 Documents to be Maintained on Board

Sub-paragraph -1(3) has been amended as follows.

1 At the completion of a classification survey, the Surveyor confirms that the finished versions of the following applicable drawings, plans, manuals, lists, etc., are on board.

((1) and (2) are omitted)

(3) Finished plans specified in **2.1.7-1**

Sub-paragraph -2(1) has been amended as follows.

2 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.

(1) Finished plans of hull structural drawings specified in **2.1.7-1**

((2) to (11) are omitted)

Paragraph 2.1.7 has been amended as follows.

2.1.7 Finished Plans

1 At the completion of a classification survey during construction, the applicant is to prepare finished plans regarding the following drawings, etc., and submit them to the Society.

(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, ballast and cargo piping diagrams

(4) Fire protection plans

(5) Fire extinguishing appliances arrangement

(6) Plans and data showing the navigation bridge visibilities

2 For ships that are required to maintain a Ship Construction File on board in accordance with 2.1.6-2, 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 in 2.1.6-1.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 30 November 2013.
2. Notwithstanding the amendments to the Rules, the current requirements may apply to ships for which the date of contract for construction is before the effective date.

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part B

Class Surveys

GUIDANCE

2013 AMENDMENT NO.1

Notice No.28 30th May 2013

Resolved by Technical Committee on 4th February 2013

Notice No.28 30th May 2013

AMENDMENT TO THE GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

“Guidance for the survey and construction of steel ships” has been partly amended as follows:

Part B CLASS SURVEYS

Amendment 1-1

B1 GENERAL

B1.4 Preparation for Survey and Other Items

B1.4.2 Preparation for Surveys

Sub-paragraph -6 has been amended as follows.

6 In oil tankers, bulk carriers and ships carrying dangerous chemicals in bulk with integral tanks, the following documents from **(1)** to **(9)** are to be kept on board the ship to be readily available for the Surveyor. In general dry cargo ships of not less than 500 *gross tonnage*, at least **(1)** and **(3)** of the following documents are to be kept on board the ship.

((1) to (3) are omitted)

(4) Main structural plans for hull (for ships built under **Part CSR-B** or **CSR-T of the Rules**, these plans are to include both as-built and renewal thickness. Any thickness for voluntary additions is also to be clearly indicated on the plans. A midship section plan to be supplied on board the ship is to include the minimum allowable hull girder sectional properties for transverse sections in all cargo holds of bulk carriers or cargo tanks of double hull oil tankers specified in either ~~3.3.1.4~~ **Section 2 Chapter 13, Part CSR-B** or **Section 12, Part CSR-T of the Rules.**)

((5) to (9) are omitted)

However, ships which do not engage in international voyages and are classed for restricted service such as having class notation “Coasting Service”, “Smooth Water Service”, etc., as specified in **1.4.2-2, Part B of the Rules** need not keep onboard the document of (2) above.

B5 SPECIAL SURVEYS

B5.2 Special Surveys for Hull, Equipment, Fire extinction and Fittings

B5.2.6 Thickness Measurements

Sub-paragraph -6 has been amended as follows.

6 “Ship’s longitudinal strength evaluation” required in **5.2.6-8, Part B of the Rules** is to be carried out in accordance with the following.

((1) to (3) are omitted)

(4) For bulk carriers built under **Part CSR-B of the Rules**, notwithstanding provisions **(1)** and **(2)** above, it is to be confirmed that the condition of the ship satisfies the criteria specified in ~~3.1.4~~ **Section 2 Chapter 13, Part CSR-B of the Rules** by using the thickness of structural members measured in the transverse sections specified in **Table B5.15** and **Table B5.29**.

((5) and (6) are omitted)

EFFECTIVE DATE AND APPLICATION (Amendment 1-1)

1. The effective date of the amendments is 1 July 2012.
2. Notwithstanding the amendments to the Guidance, the current requirements may apply to ships for which the date of contract for construction* is before the effective date.
* “contract for construction” is defined in the latest version of IACS Procedural Requirement (PR) No.29.

IACS PR No.29 (Rev.0, July 2009)

1. The date of “contract for construction” of a vessel is the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. This date and the construction numbers (i.e. hull numbers) of all the vessels included in the contract are to be declared to the classification society by the party applying for the assignment of class to a newbuilding.
2. The date of “contract for construction” of a series of vessels, including specified optional vessels for which the option is ultimately exercised, is the date on which the contract to build the series is signed between the prospective owner and the shipbuilder. For the purpose of this Procedural Requirement, vessels built under a single contract for construction are considered a “series of vessels” if they are built to the same approved plans for classification purposes. However, vessels within a series may have design alterations from the original design provided:
 - (1) such alterations do not affect matters related to classification, or
 - (2) If the alterations are subject to classification requirements, these alterations are to comply with the classification requirements in effect on the date on which the alterations are contracted between the prospective owner and the shipbuilder or, in the absence of the alteration contract, comply with the classification requirements in effect on the date on which the alterations are submitted to the Society for approval.The optional vessels will be considered part of the same series of vessels if the option is exercised not later than 1 year after the contract to build the series was signed.
3. If a contract for construction is later amended to include additional vessels or additional options, the date of “contract for construction” for such vessels is the date on which the amendment to the contract, is signed between the prospective owner and the shipbuilder. The amendment to the contract is to be considered as a “new contract” to which **1.** and **2.** above apply.
4. If a contract for construction is amended to change the ship type, the date of “contract for construction” of this modified vessel, or vessels, is the date on which revised contract or new contract is signed between the Owner, or Owners, and the shipbuilder.

Note:

This Procedural Requirement applies from 1 July 2009.

B2 CLASSIFICATION SURVEYS

B2.1 Classification Survey During Construction

Paragraph B2.1.7 has been amended as follows.

B2.1.7 Finished Plans

1 Items to be indicated in hull structural drawings specified in **2.1.7-1(2), Part B of the Rules** are to be in accordance with **B2.1.2-1**.

2 Scantling plans specified in **2.1.7-1(2), Part B of the Rules** mean drawings containing construction arrangements and scantlings of hull structural members including fore and aft end structures unless specified otherwise. When the necessary information is available in other drawings submitted under the provisions of **2.1.7-1(2), Part B of the Rules**, scantling plans do not need to be submitted separately.

EFFECTIVE DATE AND APPLICATION (Amendment 1-2)

- 1.** The effective date of the amendments is 30 November 2013.
- 2.** Notwithstanding the amendments to the Guidance, the current requirements may apply to ships for which the date of contract for construction is before the effective date.

B2 CLASSIFICATION SURVEYS

B2.1 Classification Survey during Construction

B2.1.4 Presence of the Surveyor

Sub-paragraph -1 has been amended as follows.

1 At the surveys for fire extinguishing systems referred to in **2.1.4-1(15), Part B of the Rules**, the following examinations are to be carried out. Where it is impractical to carry out the examinations on board the ship, the examinations may be replaced with examinations carried out at the place of manufacture under the presence of the Surveyor.

((1) and (2) are omitted.)

(3) For fire extinguishing systems, fire detecting systems and manually operated call points:

((a) and (b) are omitted.)

(c) Fixed foam fire extinguishing systems, fixed high-expansion foam fire extinguishing systems and fixed deck foam fire extinguishing systems

i) Fixed deck foam fire extinguishing systems and fixed foam fire extinguishing systems (except for fixed high-expansion foam fire extinguishing systems)

~~1)~~ 1) Testing piping by delivering water

~~2)~~ 2) Performance tests of the system by delivering foam (the tests may be replaced with other equivalent tests at the discretion of the Surveyor)

ii) Fixed high-expansion foam fire extinguishing systems

Tests specified in 26.3.5, Part R of the Rules

((d) to (j) are omitted.)

(4) (Omitted)

EFFECTIVE DATE AND APPLICATION (Amendment 1-3)

1. The effective date of the amendments is 1 January 2014.
2. Notwithstanding the amendments to the Guidance, the current requirements may apply to ships the keels of which were laid or which were at *a similar stage of construction* before the effective date.

(Note) The term “*a similar stage of construction*” means the stage at which the construction identifiable with a specific ship begins and the assembly of that ship has commenced comprising at least 50 tonnes or 1% of the estimated mass of all structural material, whichever is the less.