

RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part CS

Hull Construction and Equipment of Small Ships

Rules for the Survey and Construction of Steel Ships

Part CS

2012 AMENDMENT NO.2

Guidance for the Survey and Construction of Steel Ships

Part CS

2012 AMENDMENT NO.2

Rule No.53 / Notice No.82 15th November 2012

Resolved by Technical Committee on 27th July 2012

Approved by Board of Directors on 25th September 2012

ClassNK
NIPPON KAIJI KYOKAI

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Part CS

**Hull Construction and Equipment of
Small Ships**

RULES

2012 AMENDMENT NO.2

Rule No.53 15th November 2012

Resolved by Technical Committee on 27th July 2012

Approved by Board of Directors on 25th September 2012

Rule No.53 15th November 2012

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 CS HULL CONSTRUCTION AND EQUIPMENT OF SMALL SHIPS

Chapter 1 GENERAL

1.1 Application and Equivalency

Paragraph 1.1.3 has been amended as follows.

1.1.3 Ships of Unusual Form or Proportion, or Intended for Carriage of Special Cargoes

1 In ships of unusual form or proportion, or intended for carriage of special cargoes, the requirements concerning hull construction, equipment, arrangement and scantlings will be decided individually basing upon the general principle of this Part instead of the requirements in this Part.

2 The hull structural members of ships intended for the carriage of cargoes having moisture contents which exceed transportable moisture limit are to be in accordance with the requirements provided in this Part. In addition, the special considerations deemed necessary by the Society are to be taken into account.

Chapter 3 RUDDERS

3.10 Bearing of Rudder Stocks and Pintles

Paragraph 3.10.3 has been amended as follows.

3.10.3 Bearing Clearances

With metal bearings, clearances are not to be less than $d_{bs}/1000+1.0$ (*mm*) on the diameter.

d_{bs} is the internal diameter of the bush.

If non-metallic bearing material is used, the bearing clearance is to be specially determined considering the material's swelling and thermal expansion properties. This clearance is ~~in no way~~ not to be taken as less than 1.5 mm on the bearing diameter unless a smaller clearance is supported by the manufacturer's recommendation and there is documented evidence of satisfactory service history with a reduced clearance.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 15 November 2012.

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part CS

**Hull Construction and Equipment of
Small Ships**

GUIDANCE

2012 AMENDMENT NO.2

Notice No.82 15th November 2012

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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 CS HULL CONSTRUCTION AND EQUIPMENT OF SMALL SHIPS

Appendix 1 APPLICATION OF PART C OF THE GUIDANCE

Note 1 in Table CS has been amended as follows.

Notes :

1. In Guidance **C1.1.3-2(2)(a), 5.5.2, Part C** of the Rules is to read as **5.4.3, Part CS** of the Rules.
In Guidance **C1.1.3-2(2)(b), 7.6.2-2, Part C** of the Rules is to be read as **7.5.2-1, Part CS** of the Rules.
In Guidance **C1.1.3-2(2)(c), 10.2.1-2, Part C** of the Rules is to read as **17.1.1-2, Part CS** of the Rules.
In Guidance **C1.1.3-2(2)(e), 18.2.1-1, Part C** of the Rules is to be read as **18.2.1-1, Part CS** of the Rules.
In Guidance **C1.1.3-2(2)(g), 20.1.2, Part C** of the Rules is to read as **19.1.2, Part CS** of the Rules.
In Guidance **C1.1.3-4, 1.1.3-5, Part C** of the Rules is to be read as **1.1.3-2, Part CS** of the Rules.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 15 November 2012.