

36 Myeongji ocean city 9-ro, Gangseo-gu, Busan, 618-814 Republic of Korea

Phone:+82-70-8799-8501 Fax:+82-70-8799-8419 E-mail:jsupark@krs.co.kr Person in charge: Park Jae-sung

No : 2019-11-E Date : 2019. 12. 20

To: All Surveyors and whom it may concern

Subject	9.129 Notice for Amendments to the KR Technical Rules (Guidance, Part 1)
Application	1 <sup>st</sup> Jan. 2020 (Date of which application for survey is submitted)

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

= Below =

- Enhancement of the survey requirement for converted VLOCs from VLCCs which are 25 years of age and above.
- 2. Furthermore, please be informed that these amendments will be included in 2020 edition for Rule and Guidance on KR Classification Technical Rules which will be published in the first half of 2020.

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

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(Form No.: FI-03-03) (20.06.2018)

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

(Part 1 Classification and Surveys)

Dec. 2019



### - Main Amendments -

- (1) Effective date: 1st Jan. 2020 (Date of which application for survey is submitted)
  - Damage reports of Converted VLOCs which are 25 years of age and above have been steadily increasing, so additional measures are needed to improve the safety of these vessels.

# (1) Effective date: 1 Jan. 2020

(Date of which application for survey is submitted)

#### Present

#### CHAPTER 1 CLASSIFICATION

#### Section 1 ~ 4 (omitted) Section 5 Certificates and Reports

502. Interim Certificate of classification [See Rule]

In application to **502. 2** of the Rules, the term where a single direct voyage is allowed means the cases as specified in **901. 5** or **7** of the Rules, etc.

\(newly added\)

#### CHAPTER 3 HULL SURVEYS OF SHIPS SUBJECT TO THE ENHANCED SURVEY PROGRAMME

# Section 1 ~ 5 (omitted) Section 6 Double Skin Bulk Carriers

#### 601. General [See Rule]

In application to **601. 1 (2)** of the Rules, the term "when necessary" means the cases as specified in **Ch 1, 801. 5** of the Guidance.

#### 602, Annual Survey

In application to 602. 3 (7) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 1 of the Guidance when require the tightness test. [See Rule]

#### 2.~ 5. (omitted)

(newly added)

#### **Amendments**

# CHAPTER 1 CLASSIFICATION Section 1 ~ 4 (omitted) Section 5 Certificates and Reports

#### 502. Interim Certificate of classification [See Rule]

- 1. In application to 502. 2 of the Rules, the term "where a single direct voyage is allowed" means the cases as specified in 901. 5 or 7 of the Rules, etc. (2020)
- 2. In addition to the 502. 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. (2020)

# CHAPTER 3 HULL SURVEYS OF SHIPS SUBJECT TO THE ENHANCED SURVEY PROGRAMME

# Section 1 ~ 5 (omitted) Section 6 Double Skin Bulk Carriers

#### 601. General [See Rule]

In application to 601. 1 (2) of the Rules, the term "when necessary" means the cases as specified in Ch 1, 801. 5 of the Guidance.

#### 602. Annual Survey

- 1. In application to 602. 3 (7) of the Rules, the Surveyor is to consider the cases specified in Ch 1, 801. 1 of the Guidance when require the tightness test. [See Rule]
- 2.~ 5 (same as the current Guidance)
- 6. In addition to the requirements of Annual Survey specified in 602. of the Rules, ore carriers converted from very large crude oil carrier which are 25 years of age and above are to be subjected to the following surveys. And when considered necessary by the Surveyor, thickness measurements is to be carried out. (2020) [See Rule]
  - (1) Overall Survey
    - (A) inner bottom space under all cargo holds
    - (B) all wing spaces facing to cargo holds(incl. ballast tanks and void spaces)

Present	Amendments
	(2) Close-up Survey
	(A) all wing ballast tanks facing to cargo holds
<u>(newly added)</u>	(B) In case there are damages identified to the "main structural members" of the void spaces during
	Overall Survey, Close-up Survey is to be carried out as follows;
	(a) all structural members of the spaces in which damages identified (b) other side' void spaces which are similar in structure
	(C) Survey method Close-up Survey is to be carried out with remote inspection techniques(RIT), temporary scaffolding, in-
	flatable rafts or boats etc. Especially for under deck areas, it should be carried out in accordance with Pt
	1, Ch 3, 102. 6. of the Rules.
	NOTE <sup>1)</sup> The "main structural members" mean the following members.
	(a) Side shell plating and adjacent primary/secondary members
	(b) Deck plating and adjacent primary/secondary members
	(c) Bottom plating and adjacent primary/secondary members
	(d) Inner bottom plating and adjacent primary members
	(e) Inner side plating and adjacent primary members
	(f) Bulkhead plating and adjacent primary members
	(g) Cargo hatch coaming
	7. For ore carriers converted from very large crude oil carrier which are 25 years of age and above, Occasional
	Survey is to be carried out at the interval of six months between Periodical Surveys.
	(1) Overall Survey
	(A) inner bottom space under all cargo holds
	(B) all transverse bulkheads in cargo holds
	(C) all wing spaces facing to cargo holds(incl. ballast tanks and void spaces)
	(2) In case there are damages identified to the "main structural members" during Overall Survey, 6. (2) (B) of the Guidances is to be applied.
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