

Revised Guidance Relating to the Maritime Cyber Security System

2020. 07.



Machinery Rule Development Team

Effective Date : 1 August 2020

(Date of which application for Classification survey is submitted)

| Present | Amendment | Remark |
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| <p style="text-align: center;">CHAPTER 1 GENERAL</p> <p style="text-align: center;">Section 1 General</p> <p>101. Application</p> <ol style="list-style-type: none"> 1. This Guidance is to apply to companies and ships with cyber security management system for information and operating technologies. 2. This Guidance defines the level of cyber security management and its requirement according to the level, and the application scope is determined by request of the ship owner. 3. Items not specified in this Guidance are to be in accordance with each relevant requirement in the Rules for the Classification of Steel Ships(hereafter referred to as "the Rules for Steel Ships") except for the requirements inapplicable to cyber security system. 4. Items not included in this Guidance may comply with ISO, IEC or equivalent recognized standards by the appropriate consideration of the Society. 5. Where the specific requirements in international regulation such as IMO are or as Information technology & operating technology develops, when it deems necessary, additional requirements to this Guidance may be required. 6. This Guidance specifies the minimum requirements for cyber security system in companies and onboard of ships, which does not mean that all cyber security incidents can be prevented. | <p style="text-align: center;">CHAPTER 1 GENERAL</p> <p style="text-align: center;">Section 1 General</p> <p>101. Application</p> <ol style="list-style-type: none"> 1. This Guidance is to apply to companies and ships with cyber security management system for information and operating technologies. 2. This Guidance defines the level of cyber security management and its requirement according to the level, and the application scope is determined by request of the ship owner. 3. <u>In applying this remote cyber security surveys, it is based on the satisfaction of all international conventions, national laws and domestic law of ports applicable to the ship. (2020)</u> 4. Items not specified in this Guidance are to be in accordance with each relevant requirement in the Rules for the Classification of Steel Ships(hereafter referred to as "the Rules for Steel Ships") except for the requirements inapplicable to cyber security system. 5. Items not included in this Guidance may comply with ISO, IEC or equivalent recognized standards by the appropriate consideration of the Society. 6. Where the specific requirements in international regulation such as IMO are or as Information technology & operating technology develops, when it deems necessary, additional requirements to this Guidance may be required. 7. This Guidance specifies the minimum requirements for cyber security system in companies and onboard of ships, which does not mean that all cyber security incidents can be prevented. | <p>(Newly)</p> <p>- When the Surveyor cannot attend due to time and space constraints, a new requirement has been added to carry out remote surveys.</p> |

| Present | Amendment | Remark |
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| <p>102. Definitions</p> <p>The definitions of terms are to follow the Rules for Steel ships, unless otherwise specified in this Guidance.</p> <p>1. - 18. <same as the present Rules></p> <p>103. - 105. <same as the present Rules></p> | <p>102. Definitions</p> <p>The definitions of terms are to follow the Rules for Steel ships, unless otherwise specified in this Guidance.</p> <p>1. - 18. <same as the present Rules></p> <p><u>19. Remote cyber security surveys is that enables survey of cyber security system in the company or the ships by reviewing the data of the electronic file (photograph, video, copy of document, etc.) submitted by the Owner of the company or the ships without the need for direct physical attendance of surveyor to a company or a ship and communicate with the company or the ship, if necessary. (2020)</u></p> <p>103. - 105. <same as the present Rules></p> | <p>(Newly)</p> <p>- When the Surveyor cannot attend due to time and space constraints, a new requirement has been added to carry out remote surveys.</p> |

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| <p style="text-align: center;">CHAPTER 2 SURVEYS</p> <p>Section 1 - Section 4 <same as the present Rules></p> | <p style="text-align: center;">CHAPTER 2 SURVEYS</p> <p>Section 1 - Section 4 <same as the present Rules></p> <p><u>Section 5 Remote cyber security surveys (2020)</u></p> <p><u>501. General</u></p> <p><u>1. At the request of the Owner, remote cyber security surveys may be applied to the company or the ship. However, consecutive remote cyber security surveys may not be allowed except the case that the on-site survey is limited due to limitation of the attendance of the surveyor, etc.</u></p> <p><u>2. where the required data or conditions are not met or the Society determines it necessary, an on-site survey with direct physical attendance of surveyor is to be carried out.</u></p> <p><u>3. The Owner of a company or a ship should submit the data of the electronic file (photograph, video, copy of document, etc.) equivalent to the data required by on-site survey.</u></p> <p><u>4. If necessary, an environment is to be provided for smooth real-time video conference between a company/a ship and the Society.</u> ↓</p> | <p>(Newly)</p> <p>- When the Surveyor cannot attend due to time and space constraints, a new requirement has been added to carry out remote surveys.</p> |