

# Rules for the Classification of Steel Ships

(Development Review : For external opinion inquiry)

## Part 6 Additional Installations

2022. 9.



Machinery Rule Development Team

Effective Date : 1 July 2023

(The contract date for ship construction)

Present	Amendment	Remark
<p style="text-align: center;"><b>CHAPTER 3 AUTOMATIC AND REMOTE CONTROL SYSTEMS</b></p> <p>Section 1 - Section 3 &lt;same as the present Rules&gt;</p> <p style="text-align: center;"><b>Section 3 Centralized Monitoring and Control Systems for Main Propulsion and Essential Auxiliary Machinery</b></p> <p>301. - 304. &lt;same as the present Rules&gt;</p> <p>305. Automatic and remote control of main propulsion machinery or controllable pitch propellers</p> <p>1. - 3. &lt;same as the present Rules&gt;</p> <p>4. Safety measures</p> <p>(1) - (9) &lt;same as the present Rules&gt;</p> <p>(10) Electric propulsion equipments For electric propulsion equipments, safety system specified in <b>Table 9.3.4</b> is to be provided.</p> <p>(11) &lt;same as the present Rules&gt;</p> <p>306. - 310. &lt;same as the present Rules&gt;</p> <p>Section 4 - Section 5 &lt;same as the present Rules&gt;</p>	<p style="text-align: center;"><b>CHAPTER 3 AUTOMATIC AND REMOTE CONTROL SYSTEMS</b></p> <p>Section 1 - Section 3 &lt;same as the present Rules&gt;</p> <p style="text-align: center;"><b>Section 3 Centralized Monitoring and Control Systems for Main Propulsion and Essential Auxiliary Machinery</b></p> <p>301. - 304. &lt;same as the present Rules&gt;</p> <p>305. Automatic and remote control of main propulsion machinery or controllable pitch propellers</p> <p>1. - 3. &lt;same as the present Rules&gt;</p> <p>4. Safety measures</p> <p>(1) - (9) &lt;same as the present Rules&gt;</p> <p>(10) Electric propulsion equipments For electric propulsion equipments, safety system specified in <b>Table 9.3.4</b> is to be provided.</p> <p>(11) &lt;same as the present Rules&gt;</p> <p style="text-align: center;"><b>Table 9.3.4 &lt;see the next page&gt;</b></p> <p>306. - 310. &lt;same as the present Rules&gt;</p> <p>Section 4 - Section 5 &lt;same as the present Rules&gt;</p>	<p>(Amended)</p> <p>- Bearing lubrication oil inlet press monitoring is to be applied to only forced system.</p>

**<Present>**

**Table 9.3.4 Electric propulsion equipments**

System	Monitored parameters [H:High L:Low O:Abnormal status]		AA	RI	Auto shut down with alarm	Notes [AA = Alarm Activation RI = Remote Indication* ●=apply]
Propulsion Motor - AC	Bearing, lub. oil inlet pressure	L	●	●	●	<u>&lt;newly added&gt;</u>
Propulsion Motor - DC	Bearing lub. oil inlet pressure	L	●	●	●	<u>&lt;newly added&gt;</u>

**<Amendments>**

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Propulsion Motor - AC	Bearing, lub. oil inlet pressure	L	●	●	●	<u>For forced lubrication</u>
Propulsion Motor - DC	Bearing lub. oil inlet pressure	L	●	●	●	<u>For forced lubrication</u>