

Amendment of Guidance for Prevention System of Pollution from Ships

■ Summary of Major Amendments

Related Rules/Guidance	Effective date
Guidance for Prevention System of Pollution from Ships	Ships contracted for construction on or an application for installation or after 1 January 2022

■ Major Amendments

○ Reason for Amendments

1. Revision of IACS UR M77 (Rev. 2). And the development of IACS UR M81
2. None type-approval requirements for oil filtering equipment operating upon 5 ppm oil concentration
3. Feasibility of hydraulic pressure test requirements of scrubber body for ships with Class notation CEmN-EGR(S) and CEmS-EGC(S)
4. Separately management of same requirements for similar systems to the exhaust gas recirculation system and the exhaust gas cleaning system
5. None Class notations for ships complied with phase 3 of the Energy Efficiency Design Index (EEDI)

○ Amendments

1. Reflecting IACS UR M77 (Rev.2) on Section 2 Selective Catalytic Reduction system of Chapter 2 and UR M81 on Section 2 Exhaust Gas Cleaning system of Chapter 3.
2. Acceptance of Statement of Compliance in lieu of Type approval for oil filtering equipment for CLEAN3 notation
3. Development of non-destructive test requirements for scrubber bodies (Table 2.3.3 and Table 3.2.4)
4. For requirements of exhaust gas recirculation system, referring to requirements of exhaust gas cleaning system instead of describing same requirements
5. Establishing Class notations in Chapter 4 for ships complying with the third phase of the EEDI and those with excess reduction rates

○ Impact Analysis

- ✓ Indication of any impact on and/or contribution to safety, security or environmental protection
 - : Encourage customers to contribute to environmental protection during construction by establishing Class notations for the EEDI

- ✓ Indication of any impact on net and gross scantlings
 - : N/A

■ Summary of Major Amendments

Related Rules/Guidance	Effective date
Guidance for Prevention System of Pollution from Ships	Ships contracted for construction on or an application for installation or after 1 July 2022

■ Major Amendments

○ Reason for Amendments

1. Revision of IACS UR M77 (Rev.3)
2. Ambiguity of test scope of control panel and power panel for exhaust gas recirculation system and exhaust gas cleaning system
3. Increasing demand for the application of wind assisted propulsion systems. The systems are categorized as category B-2 by MEPC.1/Circ.896 recognized as Innovative Technology.

○ Amendments

1. Reflecting IACS UR M77 (Rev.3) on Section 2 Selective Catalytic Reduction system of Chapter 2
2. Revised the test scope for electrical equipment of exhaust gas recirculation and exhaust gas cleaning system consistent with the Chapter 6 of Rules for the Classification of Steel Ships (Table 2.3.3 and Table 3.2.4)
3. Establishing requirements on wind assisted propulsion systems in Chapter 5 (Abolishing the existing guidelines for Wind Assisted Propulsion Systems are abolished)

○ **Impact Analysis**

- ✓ Indication of any impact on and/or contribution to safety, security or environmental protection
 - : Encourage customers to contribute to environmental protection during construction by establishing requirements for wind assisted propulsion systems

- ✓ Indication of any impact on net and gross scantlings
 - : N/A