

65th Meeting of the CIMAC EEC WG

# **Asia and Japan Marine and Power Plant**

**Japanese Domestic CIMAC  
JICEF  
4<sup>th</sup> December 2019**

# TOPICS

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- International Shipping GHG Zero Emission Project
- Type Approval for the exhaust gas monitoring systems and discharge water monitoring systems of EGCS

# International Shipping GHG ZERO Emission Project

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- The “International Shipping GHG ZERO Emission Project” was launched in 2018 in collaboration with Japanese industry, academia and government.
- In this project, the role of the parties concerned and the work plan will be compiled for GHG reduction while identifying the future trends in the world in the energy saving and decarbonization fields.

# International Shipping GHG ZERO Emission Project

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Items discussed:

- EEDI Phase 3/4
- Minimum power requirements
- Shaft/engine power limit
- Short-term measures on existing ships (e.g. EEXI, engine power limit)
- Mid-/long-term Action Plan to achieve GHG zero-emission shipping

# TOPICS

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- International Shipping GHG Zero Emission Project
- Type Approval for the exhaust gas monitoring systems and discharge water monitoring systems of EGCS

# Type Approval for the exhaust gas monitoring systems and discharge water monitoring systems of EGCS

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## **Type Approval by the Japanese Government for the exhaust gas monitoring systems and discharge water monitoring systems of Exhaust Gas Cleaning Systems installed on Japanese-flagged ships**

The Japanese Government (hereinafter referred to as “JG”) has issued letters regarding the approval including the technical standards for exhaust gas monitoring systems and discharge water monitoring systems (hereinafter referred to collectively as "monitoring systems") of Exhaust Gas Cleaning Systems (hereinafter referred to as "EGCS") installed on Japanese-flagged ships.

Accordingly, either individual inspection or Type Approval is required by the JG for the above-mentioned monitoring systems of EGCS installed on Japanese-flagged ships. The technical standards developed by the JG for individual inspections and Type Approval consist of requirements related to product testing, performance testing (based upon resolution MEPC.259(68): 2015 Guidelines for Exhaust Gas Cleaning Systems) and environmental testing (based upon IACS UR E10).

# Type Approval for the exhaust gas monitoring systems and discharge water monitoring systems of EGCS

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In cases where the purchase contract date of a monitoring system is on or after 1 January 2020, the monitoring system is required to pass an individual inspection for each product or obtain Type Approval from the JG. In cases where the purchase contract date is before 1 January 2020, on the other hand, the JG is to confirm, based upon relevant documents, that the monitoring system complies with the above-mentioned technical standards.

Please contact the JG directly at the below address with any inquiries regarding the above-mentioned technical standards, the application for Type Approval, or confirmation of compliance, etc.

[Contact address]

Ministry of Land, Infrastructure, Transport and Tourism (MLIT)

Inspection and measurement Division, Maritime Bureau

Address: 2-1-3, Kasumigaseki, Chiyoda-ku, Tokyo

Tel: +81 - (0)3 - 5253 - 8639

E-mail: [hqt-jgtypeapproval@gxb.mlit.go.jp](mailto:hqt-jgtypeapproval@gxb.mlit.go.jp)

Thank you for your attention

