

Subject

Record requirements of operational compliance with NOx Tier III regulation in Emission Control Areas

ClassNK

Technical Information

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To whom it may concern

Amendments to MARPOL Annex VI regarding the recording of operational compliance with NOx Tier III regulations within Emission Control Areas (hereinafter referred to as "NECA"*) were adopted at the Sixty-ninth Session of the Marine Environment Protection Committee (MEPC69) held in April 2016. These amendments will enter into force on 1 September 2017.

In accordance with the aforementioned amendments, ships installed with diesel engines subject to NOx Tier III regulations are required to have the tier and on/off status of any engines certified to both Tier II and Tier III, or certified to Tier II only, recorded in such logbook as prescribed by the Flag Administration upon each entry into and each exit from an NECA as well as in cases where there are any changes in the on/off status of such an engine within an NECA. In addition to the tier and on/off status of the engine, the relevant date, time and position of the ship are also to be recorded accordingly in the logbook.

Shipping companies (i.e., shipowners, ship managers, or organizations or persons responsible for ship operation) are kindly requested to be aware of this matter and take action to ensure compliance with the above requirements.

* Designated NECAs and application dates are as shown below. Compliance with NOx Tier III regulations is required for diesel engines installed on board ships whose keels are laid or which are at similar stages of construction on or after the application date and operating within NECAs.

- The North American Area whose outer boundary is 200 nautical miles from the United States and Canadian territorial sea baseline (designated by Resolution MEPC.190(60))
Application date: 1 January 2016
- The United States Caribbean Sea Area (designated by Resolution MEPC.202(62))
Application date: 1 January 2016
- The Baltic Sea Area and the North Sea Area (designated by Resolution MEPC.286(71))
Application date: 1 January 2021

(To be continued)

NOTES:

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1. Resolution MEPC.271(69)

ANNEX 2

**RESOLUTION MEPC.271(69)
(Adopted on 22 April 2016)**

**AMENDMENTS TO THE ANNEX OF THE PROTOCOL OF 1997 TO AMEND
THE INTERNATIONAL CONVENTION FOR THE PREVENTION OF
POLLUTION FROM SHIPS, 1973, AS MODIFIED BY THE
PROTOCOL OF 1978 RELATING THERETO**

Amendments to regulation 13 of MARPOL Annex VI

**(Record requirements for operational compliance with NO_x Tier III
emission control areas)**

THE MARINE ENVIRONMENT PROTECTION COMMITTEE,

RECALLING article 38(a) of the Convention on the International Maritime Organization concerning the functions of the Marine Environment Protection Committee conferred upon it by international conventions for the prevention and control of marine pollution from ships,

NOTING article 16 of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocols of 1978 and 1997 relating thereto (MARPOL), which specifies the amendment procedure and confers upon the appropriate body of the Organization the function of considering and adopting amendments thereto,

HAVING CONSIDERED, at its sixty-ninth session, draft amendments to MARPOL Annex VI, related to record requirements for operational compliance with NO_x Tier III emission control areas,

1 ADOPTS, in accordance with article 16(2)(d) of MARPOL, amendments to regulation 13 of MARPOL Annex VI, the text of which is set out in the annex to the present resolution;

2 DETERMINES, in accordance with article 16(2)(f)(iii) of MARPOL, that the amendments shall be deemed to have been accepted on 1 March 2017, unless prior to that date, not less than one third of the Parties or Parties the combined merchant fleets of which constitute not less than 50% of the gross tonnage of the world's merchant fleet, have communicated to the Organization their objection to the amendments;

3 INVITES the Parties to note that, in accordance with article 16(2)(g)(ii) of MARPOL, the said amendments shall enter into force on 1 September 2017 upon their acceptance in accordance with paragraph 2 above;

4 REQUESTS the Secretary-General, for the purposes of article 16(2)(e) of MARPOL, to transmit certified copies of the present resolution and the text of the amendments contained in the annex to all Parties to MARPOL;

5 REQUESTS FURTHER the Secretary-General to transmit copies of the present resolution and its annex to the Members of the Organization which are not Parties MARPOL.

ANNEX

**AMENDMENTS TO MARPOL ANNEX VI
(Record requirements for operational compliance with
NO_x Tier III emission control areas)**

ANNEX VI

REGULATION FOR THE PREVENTION OF AIR POLLUTION FROM SHIP

**Chapter 3
Requirements for control of emissions from ships**

Regulation 13 – Nitrogen oxides (NO_x)

- 1 A new paragraph 5.3 is added after existing paragraph 5.2, as follows:

"5.3 The tier and on/off status of marine diesel engines installed on board a ship to which paragraph 5.1 of this regulation applies which are certified to both Tier II and Tier III or which are certified to Tier II only shall be recorded in such logbook as prescribed by the Administration at entry into and exit from an emission control area designated under paragraph 6 of this regulation, or when the on/off status changes within such an area, together with the date, time and position of the ship."

- 2 In paragraph 5.1.1, the symbol "NO_x" is replaced with the symbol "NO₂".
