



KPI Information Update IU-93-2016

Recording requirement for operational compliance with NOx Tier III Emission Control Areas (ECAs)

Amended Regulation 13.5.1 by MEPC.251(66), taken effect as of 1st September 2015, of Annex VI to the International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, requires that marine diesel engines installed on board ships constructed on or after 1st January 2016 when operating in the North American Emission Control Area (taken effect as of 1st August 2012) and the United States Caribbean Sea Emission Control Area (taken effect as of 1st January 2014) and ships operating in an Emission Control Area designated for Tier III NOx control, other than an Emission Control Area described above, and is constructed on or after the date of adoption of such an Emission Control Area, or a later date as may be specified in the amendment designating the NOx Tier III Emission Control Area, whichever is later, to comply with NOx emission for a Tier III engine.

Citing Regulation 13.5.2, the standards set forth above shall not apply to a marine diesel engine installed on a ship with a length of less than 24 meters when it has been specifically designed and is used solely for recreational purposes or a marine diesel engine installed on a ship with a combined nameplate diesel engine propulsion power of less than 750 KW if it is demonstrated to the satisfaction of the Administration that the ship cannot comply with the standards set forth above because of design or construction

limitations of the ship or a marine diesel engine installed on a ship constructed prior to 1 January 2021 of less than 500 gross tonnage and with a length of 24 meters or over when it has been specifically designed and is used solely for recreational purposes.

A new paragraph 5.3 is added to Regulation 13 by MEPC.271(69) and enters into force as of 1st September 2017 which states that the Tier and on/off status of marine diesel engines installed on board a ship 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 or when the on/off status changes within such an area, together with the date, time and position of the ship.

Additionally, MEPC.1/Circ.863 approved by Marine Environment Protection Committee at its 69th session stipulates that as Chapter 4 of MARPOL Annex VI applies to ships engaged on international voyages, those which are not normally engaged on international voyages but which, in exceptional circumstances, are required to undertake a single international voyage, may be exempted by the Administration from any of the requirements in chapter 4 of MARPOL Annex VI including from the requirement of having ship energy efficiency management plan (SEEMP) on board.