

# **Application of NO<sub>x</sub> Emission Requirements when Replacing Diesel Engines**

## **Amended Rules and Guidance**

Rules for Marine Pollution Prevention Systems  
Guidance for Marine Pollution Prevention Systems

## **Reason for Amendment**

Regulation 13 of MARPOL Annex VI specifies that the NO<sub>x</sub> emission requirements shall apply to all major conversions of diesel engines performed on or after 1 January 2000.

This regulation also specifies that the replacement of a diesel engine by a non-identical engine is to be considered a major conversion, but the replacement of a diesel engine by an identical engine is not.

In order to clarify the meaning of “identical engine”, IACS developed an interpretation which specifies the definition of “identical engine” and summarises the conditions that newly installed engines need to satisfy to be considered as such. This interpretation was adopted as IACS UI MPC103 in January 2013.

Accordingly, related requirements were amended based on IACS UI MPC103.

## **Outline of Amendment**

Specified the definition of “identical engine” and that said definition is to be used to determine the applicability of NO<sub>x</sub> requirements when replacing diesel engines.