

**MPC  
20**

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(Rev.1  
Apr 2014)  
(Corr.1  
July 2020)  
(Corr.2  
Feb 2022)

**Annex VI of MARPOL 73/78 Regulation 13.2.1.1  
and 13.2.2****Application****Regulation 13.2.1.1 reads as follows:**

*For the purpose of this regulation, major conversion means a modification on or after 1 January 2000 of a marine diesel engine that has not already been certified to the standards set forth in paragraph 3, 4, or 5.1.1 of this regulation where:*

- .1 the engine is replaced by a marine diesel engine or an additional marine diesel engine is installed, or ....*

**Regulation 13.2.2 reads as follows:**

*For a major conversion involving the replacement of a marine diesel engine with a non-identical marine diesel engine, or the installation of an additional marine diesel engine, the standards in ~~force~~ this regulation at the time of the replacement or addition of the engine shall apply. In the case of replacement engines only, if it is not possible for such a replacement engine to meet the standards set forth in paragraph 5.1.1 of this regulation (Tier III, as applicable), then that replacement engine shall meet the standards set forth in paragraph 4 of this regulation (Tier II), taking into account guidelines developed by the Organization\*.*

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\* Refer to the 2013 Guidelines as required by regulation 13.2.2 of MARPOL Annex VI in respect of non-identical replacement engines not required to meet the Tier III limit, adopted by the MEPC by resolution MEPC.230(65).

**Regulation 13(2)(a)(i) before the 2008 amendments reads as follows:**

For the purpose of this regulation, major conversion means a modification of an engine where the engine is replaced by a new engine built on or after 1 January 2000.

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**Note:**

1. This UI is to be uniformly implemented by IACS Societies from 19 May 2005.
2. Rev.1 of the UI is to be uniformly implemented by IACS Societies from 1 January 2015.

# MPC 20

(cont)

## Interpretation

This section shall be interpreted, in respect of engines installed on or after 1 January 2000 but before 1 July 2010, on the basis of regulation 13(2)(a)(i) which applied at that time in which it was given that “For the purpose of this regulation, major conversion\*\*, means a modification of an engine where the engine is replaced by a new engine built on or after 1 January 2000.” as follows:

- (a) For application of regulation 13(2)(a)(i) the term “replaced” shall be interpreted as being applicable to an engine installed either as a direct replacement for an existing engine or one installed as an addition to the original engine complement as at 1 January 2000 to meet revised ship requirements; and,
- (b) For application of regulation 13(2)(a)(i) the term “new” shall be interpreted as applying to engines that left the manufacturer’s works for the first time on or after 1 January 2000.

\*\* For IACS interpretation of “time of the replacement or addition” with respect to major conversion, see MPC 98

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