

Subject

Fuel Oil Controls by the State of California, USA

ClassNK

Technical Information

No. TEC-0774

Date 12 June 2009

To whom it may concern

As already advised in ClassNK Technical Information No. TEC-0687 dated 14 December 2006, fuel oils used onboard ships will be newly regulated by the State of California, USA (hereafter referred to as "CA") in its territorial waters. This ClassNK Technical Information provides a summary of the new regulation on fuel oil controls by CA within its territorial waters.

Fuel Oil Controls by CA

The following requirements are specified in Section 2299.2, Title 13 and Section 93118.2, Title 17, California Code of Regulations.

1. The following fuel oils shall be used by main (propulsion) diesel engines, auxiliary diesel engines (including diesel-electric) and auxiliary boilers installed on "Ocean-going vessel"⁽¹⁾ while these engines are operating within Regulated California Water ("Regulated California Water" is a zone off California's coast that is approximately 24 nautical miles offshore starting at the California-Oregon border and ending at the California-Mexico border.)

Effective Date	Fuel Requirement
1 July 2009 ⁽⁴⁾	Marine gas oil (MGO) ⁽²⁾ at or below 1.5% sulfur; or Marine diesel oil (MDO) ⁽³⁾ at or below 0.5% sulfur
1 January 2012	Marine gas oil (MGO) or Marine diesel oil (MDO) at or below 0.1% sulfur

- (1) "Ocean-going Vessel" is a vessel that meets any one of the followings criteria:
 - (i) a vessel greater than or equal to 400 feet in LOA; or
 - (ii) a vessel greater than or equal to 10,000 GT; or
 - (iii) a vessel propelled by a diesel engine with a per cylinder displacement of greater than or equal to 30 liters
- (2) "MGO" means any fuel that meets all the specifications for DMX or DMA grades as defined in Table 1 of ISO 8217 (2005).
- (3) "MDO" means any fuel that meets all the specifications for DMB grades as defined in Table 1 of ISO 8217 (2005).
- (4) The regulations for auxiliary diesel engines are expected to become effective on 28 June 2009. However, the California Air Resources Board states in Marine Notice 2009-2 that they will not enforce that requirement until 1 July 2009.

(To be continued)

NOTES:

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2. Records including the information of entering and leaving Regulated California Water and fuel oil change-over, etc. shall be retained and maintained.

For the details of the regulations other than those above, please refer to the regulations, Section 2299.2, Title13 and Section 93118.2, Title 17, California Code of Regulations.

This ClassNK Technical Information supersedes Article 2 of ClassNK Technical Information No. TEC-0687 which specifies "Fuel Oil Controls by CA".

For any questions about the above, please contact:

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