

Subject

Fuel Oil Controls by the State of California, USA

ClassNK

Technical Information

No. TEC-0879

Date 29 November 2011

To whom it may concern

As already advised in ClassNK Technical Information No.TEC-0774 dated 12 June 2009, fuel oils used onboard ships has been regulated by the State of California, USA in its territorial waters. This ClassNK Technical information provides a summary of the fuel requirements revised and will begin enforcement on 1 December 2011.

1. The revised fuel requirements are summarized in the table below. These fuel requirements apply to ocean-going vessel main (propulsion) diesel engines, auxiliary diesel engines and auxiliary boilers.

Fuel Requirement	Effective Date	Percent Sulphur Content Limit
Phase I	1 July 2009 ^{*1}	Marine gas oil (DMA) at or below 1.5% sulphur; or Marine diesel oil (DMB) at or below 0.5% sulphur
	1 August 2012 ^{*2}	Marine gas oil (DMA) at or below 1.0% sulphur; or Marine diesel oil (DMB) at or below 0.5% sulphur
Phase II	1 January 2014 ^{*3}	Marine gas oil (DMA) or Marine diesel oil (DMB) at or below 0.1% sulphur

*1. No change from the existing requirements

*2. Marine gas oil sulphur limit reduced from 1.5% to 1%. No change in marine diesel oil limit

*3. Implementation delayed from 2012 to 2014.

2. The regulatory boundary is expanded in Southern California. The new regulatory boundary as well as the excluded region is shown in the map on the back of Marine Notice 2011-2 of November 2011, attached to this ClassNK Technical Information.

(To be continued)

NOTES:

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Attachment:

1. Marine Notice 2011-2



California Air Resources Board
Marine Notice 2011-2



November 2011
Advisory to Owners or Operators of Ocean-Going Vessels
Visiting California Ports

Changes to the Regulation on Fuel Sulfur and Other Operational Requirements for Ocean-Going Vessels within California Waters and 24 Nautical Miles of the California Baseline

The purpose of this advisory is to notify owners and operators of ocean-going vessels (OGVs) of changes to the OGV Fuel Regulation. **California's ARB will begin enforcement of the changes to the rule on December 1, 2011.** This advisory is only a summary of the requirements and does not contain all the information that may be needed to comply with the regulation. The regulations can be found at the following:

<http://www.arb.ca.gov/regact/2011/ogv11/ogv11.htm>

What are the changes to the fuel requirements?

The revised fuel requirements are summarized in Table 1 below. These fuel requirements apply to ocean-going vessel main (propulsion) diesel engines, auxiliary diesel engines, and auxiliary boilers.

Table 1: New Fuel Requirements for Ocean-Going Vessels

Fuel Requirement	Effective Date	Percent Sulfur Content Limit
Phase I	July 1, 2009 ¹	Marine gas oil (DMA) at or below 1.5% sulfur; or Marine diesel oil (DMB) at or below 0.5% sulfur
	August 1, 2012 ²	Marine gas oil (DMA) at or below 1.0% sulfur; or Marine diesel oil (DMB) at or below 0.5% sulfur
Phase II	January 1, 2014 ³	Marine gas oil (DMA) or marine diesel oil (DMB) at or below 0.1% sulfur

1. No change from the existing requirements.

2. Marine gas oil sulfur limit reduced from 1.5% to 1%. No change in marine diesel oil limit.

3. Implementation delayed from 2012 to 2014.

How does the regulatory boundary change?

The regulatory boundary was expanded in Southern California to be consistent with the Contiguous Zone. This new boundary includes the region 24 nautical miles (nm) from the California shoreline, including 24 nm from the shoreline of the Channel Islands. There is also a small region near the north end of the Santa Barbara Channel that was excluded from the regulatory boundary to encourage vessels to use the established shipping lanes in the Channel. The maps on the back of this advisory (Figures 1a – 1c) show the new regulatory boundary, as well as the excluded region.

How can I get more information?*

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* Additional information can also be found at <http://www.arb.ca.gov/marine>

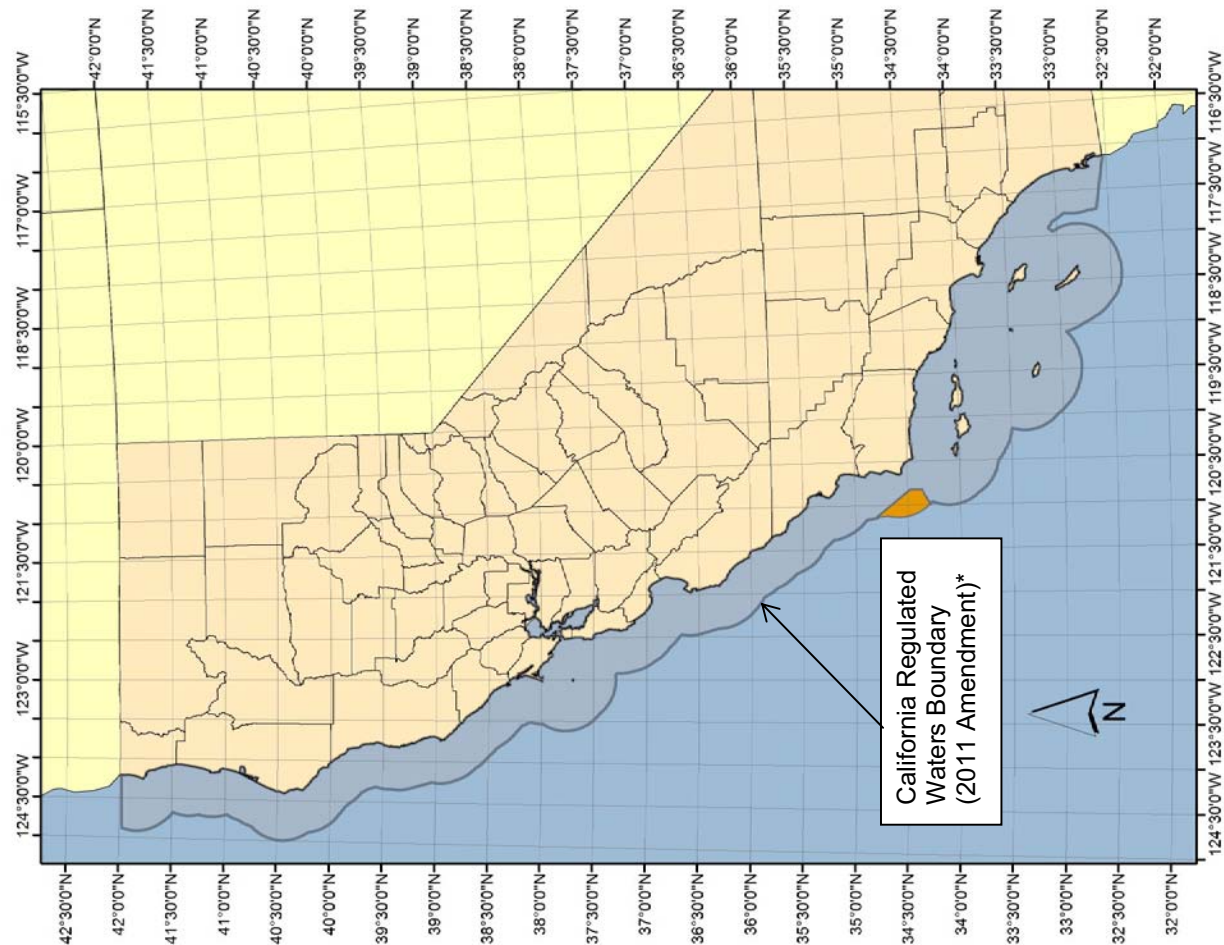


Figure 1a. Regulated California Waters

*California Regulated Waters are consistent with the Contiguous Zone except for region bounded by ABCD in Figure 1c.

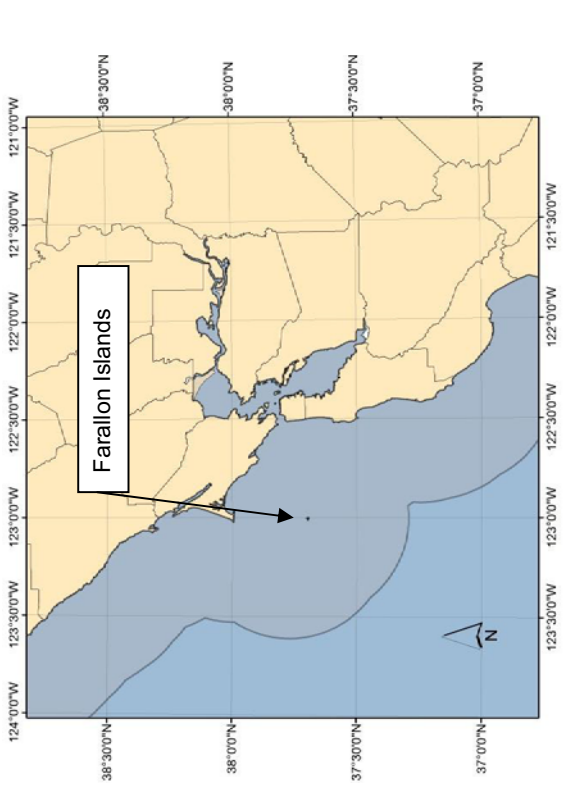


Figure 1b. Bay Area Detail

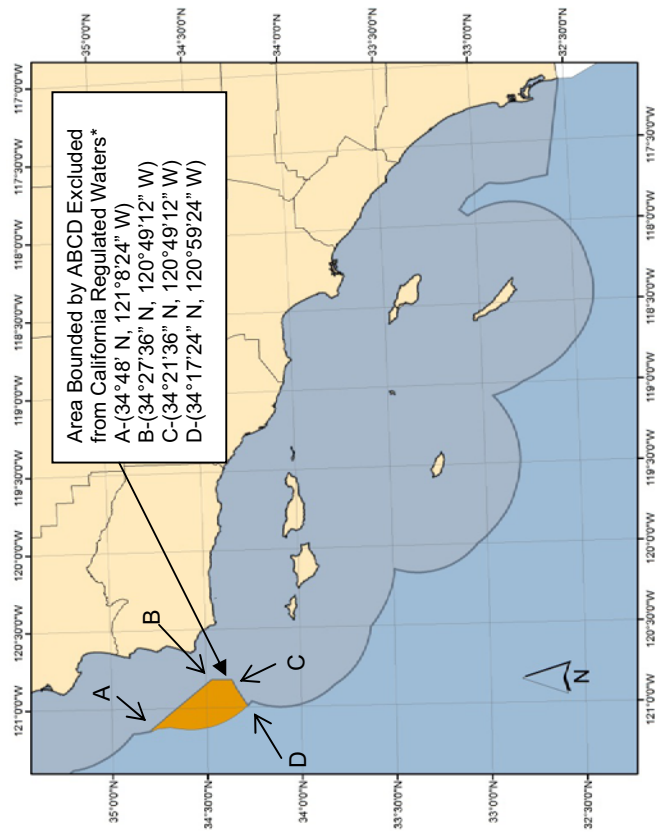


Figure 1c. Southern California Detail