

Subject

New York State Ballast Water Standards

# ClassNK

## Technical Information

No. TEC-0814  
Date 14 June 2010

To whom it may concern

The U.S. Environmental Protection Agency (EPA) has issued the Vessel General Permit (VGP) under the National Pollutant Discharge Elimination System (NPDES) with discharges of pollutants incidental to their normal operation, including but not limited to ballast water discharges, for all vessels with their length of 24 meters (79 feet) or longer, except fishing vessels, which intend to navigate within 3 miles from U.S. territorial waters after 6 February 2009.

New York State notifies that each vessel covered under the VGP that operates in New York waters shall have a ballast water treatment system that meets the standards prescribed by the states by not later than 1 January 2012.

Furthermore, new ships which are constructed on or after 1 January 2013 covered under the VGP that operates in New York waters shall have a ballast water treatment system that meets more stringent standards prescribed by the state. Summary of the standards are described below.

Organisms, microbes	New York State		IMO's standard (Regulation D-2)
	Year 2012 (All)	Year 2013 (New ship)	
Organisms 50µm or over	< 0.1 /m <sup>3</sup>	0 /m <sup>3</sup>	< 10 /m <sup>3</sup>
Organisms 10µm - 50µm	< 0.1 /ml	< 0.01 /ml	< 10 /ml
Toxicogenic vibrio cholerae (O 1, O 139)	< 1 cfu/100ml	< 1 cfu/100ml	< 1 cfu/100ml
Escherichia coli	< 126 cfu/100ml	< 126 cfu/100ml	< 250 cfu/100ml
Intestinal Enterococci	< 33 cfu/100ml	< 33 cfu/100ml	< 100 cfu/100ml
Bacteria	N.A.	< 1,000/100ml	N.A.
Viruses	N.A.	< 10,000/100ml	N.A.

(cfu: colony forming unit)

Relating to the above, ClassNK would like to inform you the following procedures are necessary.

1. When existing ships which are constructed before 1 January 2013 cannot meet the standards prescribed by New York State no later than 1 January 2012, extension request must be submitted to DEC (Department of Environment Conservation) no later than 30 June 2010, and the extension request shall indicate when the vessel will come into compliance with this dead line.

(To be continued)

NOTES:

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2. When new ships which are constructed on or after 1 January 2013 cannot meet the standards prescribed by New York State, extension request must be submitted to DEC no later than 30 June 2011, and the extension request shall indicate when the vessel will come into compliance with this dead line.

Full content of VGP including details of New York State Ballast Water Standards can be available through the following URL.

[http://www.epa.gov/npdes/pubs/vessel\\_vgp\\_permit.pdf](http://www.epa.gov/npdes/pubs/vessel_vgp_permit.pdf)

Republic of the Marshall Islands and ICS (International Chamber of Shipping) also notifies ClassNK of this matter. Marine Guideline No. 2-11-10 issued by the Marshall Islands and MC(10)43 issued by ICS can be available through the following URL respectively.

Marine Guideline No. 2-11-10

<http://www.register-iri.com/forms/upload/MG-2-11-10.doc>

MC(10)43

[http://www.marisec.org/icsorange/icscirculars10/MC\\_10\\_43%20-%20NYState%20BW%20Requirements.pdf](http://www.marisec.org/icsorange/icscirculars10/MC_10_43%20-%20NYState%20BW%20Requirements.pdf)

Please also refer to VGP which includes the information of the regulation regarding gray water discharged from the vessels.

For any questions about the above, please contact:

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