



U.S. Coast Guard Ballast Water Management Program



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Ballast Water Program Overview



- Online Resources
- Timeline
- Extensions and AMSs
- Compliance and Enforcement
- Next Steps



Online Resources

Coast Guard Maritime Commons:

<http://mariners.coastguard.dodlive.mil/>

Navigation & Vessel Inspection Circulars:

<https://www.uscg.mil/hq/cg5/nvic/>

Coast Guard Marine Safety Info Bulletins
(MSIB):

<https://www.uscg.mil/msib/>



Online Resources

Coast Guard Homeport:

<http://homeport.USCG.mil>

Mission: Environmental / Ballast Water Management Program

Coast Guard Reporting:

<http://invasions.si.edu/nbic/>



Timeline

- February 22, 2016 - Ballast Water Recordkeeping and Reporting Rule
- May 11, 2016 - Practicability Review
- Present Day:
 - Requests for Extensions to Compliance Dates
 - Alternate Management Systems (AMS) Program
 - Type Approved Systems Under Evaluation



BW Recordkeeping and Reporting Rule



- BWM reporting upon arrival (+ 6 hrs) of US Port applies to Lakers and Salties unless exclusive operation in a single COTP zone (See Reporting Rule, 33 CFR 151.2060)
- Single COTP operators required to submit annual report
- Web-based reporting is streamlined and easy for ship operators



BW Recordkeeping and Reporting Rule, Cont.



- Email or Web submission provides digital data - fast & easy to evaluate
- The new reporting form is available at the National Ballast Information Clearinghouse (NBIC) website:

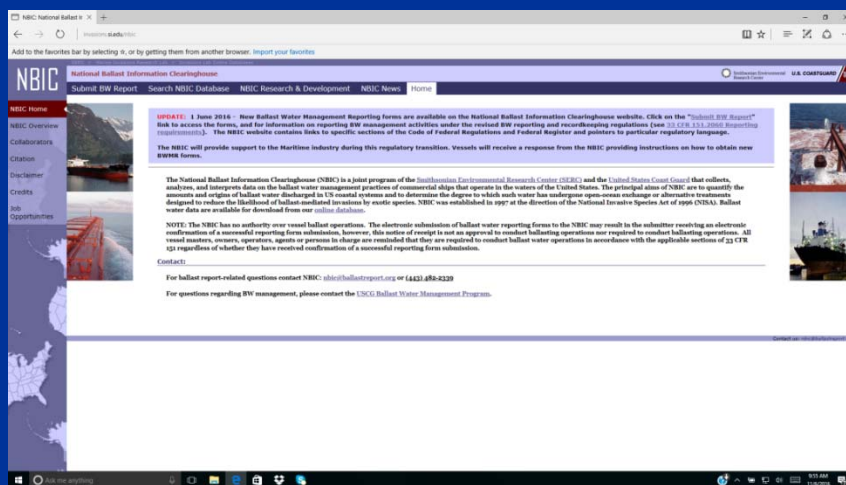
<http://invasions.si.edu/nbic/>



BW Recordkeeping and Reporting Rule, Cont.



- Benefits of using the NBIC website:
 - Paperless for ships & CG
 - Provides an Electronic Receipt of Report
 - Easy Reference to online Regulations



Ballast Water Management Regulations, 2012

Summary: Standards for Living Organisms in Ships' Ballast Water Discharged in U.S. Waters (Ballast Water Discharge Standard).

Official regulations are on-line at these links to the Electronic Code of Federal Regulations (e-CFR). The Federal Register Notices that published the Final Rule and correction notices in 2012 are provided as PDF files on the right in the "Supporting Documents" box.

Title 33 Part 151

[Subpart C—Ballast Water Management for Control of Nonindigenous Species in the Great Lakes and Hudson River](#)

[Subpart D—Ballast Water Management for Control of Nonindigenous Species in Waters of the United States](#)

and Title 46 Part 162

[Subpart 162.060—Ballast Water Management Systems](#)



Regulation Practicability Review



- National Invasive Species Act (NISA) requires that the discharge standard be reviewed periodically to determine if a more stringent standard is achievable.
- The 2016 review concluded that, at this time, the available technology to achieve a significant improvement in ballast water treatment efficacy cannot be practicably implemented. Published in the Federal Register, 81 Fed. Reg 29287, May 11, 2016.



Temporary Compliance Extensions



- Basis for extension: No U.S. type-approved systems available
- Streamlined application process and updated spreadsheet have improved efficiency since 2014
- Coast Guard plans to issue new MSIB once a type-approved system is announced, so industry knows how extension program will change
- Existing extensions will be honored



Tips for Extension Request



- Use latest spreadsheet and Tips for Application on Homeport
- Be familiar with both regulations and policy letters, such as definitions of “Constructed Date” and “Original Compliance Date”
- Firm your scheduled drydocking date with the drydock PRIOR to submitting application



Tips for Extension Request

- Do not need to submit BWM Plans or Class/Vessel certificates. No paper needed!
- Email application to:

environmental_standards@uscg.mil

Note that there is an underscore (_) between Environmental and Standards.



Alternate Management System Program



- Requires type approval by a foreign administration.
- ~62 systems have been accepted as AMSs
- Acceptance means:
 - AMS may be used instead of ballast water exchange (BWE) prior to the vessel's compliance date;
 - AMS may be used for 5 years after the vessel's compliance date.



AMS and Extended Compliance Dates



- A vessel with an AMS may also request an extension to its compliance date.
- A vessel operating under an extension to its compliance date may install an AMS prior to the expiration of its extended compliance date, and use the AMS for up to 5 years after extended compliance date.



Compliance and Enforcement



- Vessel inspections assess compliance
 - Port State control examinations for foreign flags
 - Domestic vessel inspections
- Follow existing compliance approach
 - Documents (certifications and records)
 - Crew knowledge
 - Equipment condition and operation
 - Sample discharge if warranted



Compliance-related R & D

- Efforts to develop streamlined and standardized sampling methods:
 - Hand-held real-time fluorometric detection of chlorophyll
 - Portable near real-time test kit for detection of adenosine tri-phosphate (ATP)



Next Steps



- Develop compliance policy
 - Inspections and Sampling Methods for ballast water compliance are under development
- Continue to grant extensions and accept AMSs as warranted under the regulations
- Remain engaged with stakeholders (EPA, IMO, ship owners, manufacturers and ILs)



U.S.C.G. Contacts



Compliance: E-mail to the Office of Commercial Vessel Compliance at cgcvc@uscg.mil

Extensions: E-mail to the Office of Environmental Standards at environmental_standards@uscg.mil

Alternate Management Systems & Type

Approval Applications: Email to the Marine Safety Center at msc@uscg.mil



Questions?



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