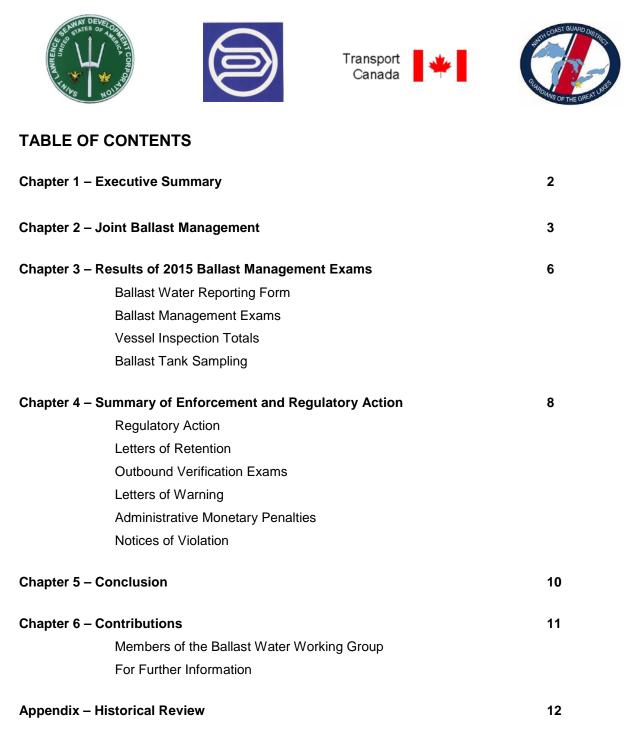
2015 Summary of Great Lakes Seaway Ballast Water Working Group February 2016



Chapter 1 – Executive Summary

The Great Lakes Seaway Ballast Water Working Group (BWWG), comprised of representatives from the United States Coast Guard (USCG), the U.S. Saint Lawrence Seaway Development Corporation (SLSDC), Transport Canada - Marine Safety & Security (TCMSS), and the Canadian St. Lawrence Seaway Management Corporation (SLSMC), compiled the 2015 Summary of Great Lakes Seaway Ballast Management report. The group's mandate is to develop, enhance, and coordinate binational compliance and enforcement efforts to reduce the introduction of aquatic invasive species via ballast water and residuals. The BWWG is actively engaged in providing an energetic response to calls for tougher ballast water regulation of ocean-going vessels transiting the Seaway.

In 2015, 100% of vessels bound for the Great Lakes Seaway from outside the Exclusive Economic Zone (EEZ) received ballast management exams on each Seaway transit. In total, all 8361 ballast tanks were assessed during the 455 vessel transits. Vessels that did not exchange their ballast water or flush their ballast tanks were required to either retain the ballast water and residuals on board, treat the ballast water in an environmentally sound and approved manner, or return to sea to conduct a ballast water exchange. Vessels that were unable to exchange their ballast water/residuals and that were required to retain them onboard received a verification exam during their outbound transit prior to exiting the Seaway. In addition, 100% of ballast water reporting forms were screened to assess ballast water history, compliance, voyage information and proposed discharge location. BWWG verification efforts indicated that there was no noncompliant ballast water discharged in the Great Lakes Seaway system. The BWWG anticipates continued high vessel compliance rates for the 2016 navigation season.

Since 2006, ballast water management requirements in the Great Lakes and the St. Lawrence Seaway system have been the most stringent in the world. USCG, TCMSS, and Seaway ballast regulations that include saltwater flushing, detailed documentation requirements, increased inspections, and civil penalties provide a comprehensive regulatory enforcement regime to protect the Great Lakes Seaway system. Independent research by the Fisheries and Oceans Canada (Science) indicates that the risk of a ballast water mediated introduction of aquatic invasive species into the Great Lakes has been mitigated to extremely low levels. These ballast water requirements have been further enhanced by the promulgation of USCG and Environmental Protection Agency (EPA) regulations.

Chapter 2 – Joint Ballast Management

Ballast Management on the Great Lakes Seaway System

Regulations protecting the Great Lakes Seaway system include Ballast Water Control and Management Regulations under the Canada Shipping Act (2001), USCG ballast water regulations pertaining to vessels equipped with ballast tanks, Best Management Practices for No Ballast On Board (NOBOB) vessels entering the U.S., and the St. Lawrence Seaway's NOBOB requirements. These regulations apply to all vessels entering waters under Canadian and U.S. jurisdiction from outside the Canadian EEZ and apply to vessels on both oceanic and coastal voyages.

Loaded vessels with residual sediments are required to flush their tanks with water of a salinity equivalent to ballast exchange, i.e. 30 parts per thousand (ppt.). Federal regulations call for vessels to conduct mid-ocean ballast water exchange during ballast-laden voyages in an area 200 nautical miles (nm) from any shore. Vessels with residual sediments and unpumpable ballast on board which are unable to conduct mid-ocean ballast exchange due to stability concerns, are required to conduct saltwater flushing of their empty ballast water tanks in an area 200 nm from any shore whenever possible. Salt water flushing is defined as the addition of mid-ocean water to empty ballast water tanks; the mixing of the flush water with the residual water and sediment through the motion of the vessel; and the discharge of the mixed water, such that the resultant residual water is 30 ppt or greater.

The goal of the program is to inspect each vessel entering the system from outside the EEZ on every transit. All four agencies have committed resources to accomplish the program goals.

St. Lawrence Seaway NOBOB Requirement

The U.S. and Canadian St. Lawrence Seaway agencies enacted requirements effective at the start of the 2008 navigation season that require vessels to conduct saltwater flushing of ballast tanks that contain residual amounts of ballast water and/or sediment in an area 200 nm from any shore before entering waters of the Seaway. Vessels must also maintain the ability to measure salinity levels in each tank onboard so that final salinities of at least 30 ppt can be ensured.

Transport Canada Requirements

Transport Canada (TC) Quebec region monitors all traffic entering the Gulf of St. Lawrence from outside the Canadian EEZ bound for regional ports as well as the St. Lawrence Seaway/Great Lakes Ports on a 12-month basis.

Challenges experienced by TC in achieving ballast water management compliance for the Seaway/Great Lakes included:

• changes in vessel crews

- exchange of information between vessel agents and/or owners
- reviewing over 3589 ballast water reports from 2190 vessels operating in the Gulf of St. Lawrence and St.Lawrence River and Seaway
- addressing routing deviations of coastal vessels in order to meet Great Lakes ballast water management regulations
- ensuring bulk carriers are flushing their hold wash tanks.
- ensuring tank vessels record technical water tanks and quantities.

TC's efforts were instrumental in raising the compliance level of ballast tanks prior to their entry into the Great Lakes/Seaway.

All information collected by TC was forwarded to Fisheries and Oceans Canada (Science) for analysis and support of ongoing ballast water compliance projects.

U.S. Coast Guard Discharge Standard

On March 23, 2012, the Coast Guard established a ballast water discharge standard (BWDS) for U.S. waters and a Coast Guard type-approval requirement for ballast water management systems (BWMS) used to meet this regulation. This type approval process established requirements for designing, testing, installing, and operating equipment on board vessels.

The USCG BWDS matches the standard adopted by the International Maritime Organization (IMO) in 2004 and further established by seven U.S. states. Coast Guard implementation efforts are underway, including the establishment of a type approval program for BWMS and the acceptance of Independent Laboratories (ILs) to carryout type approval testing.¹

The Coast Guard has also accepted 56 foreign-approved ballast water treatment systems as Alternate Management Systems (AMS).² Vessels operating outside of the Great Lakes may use an AMS in lieu of USCG ballast water exchange requirements prior to the ballast water management compliance dates established in the final rule, and in lieu of meeting the ballast water discharge standard for up to five years after their compliance dates.

² USCG Accepted Alternate Management Systems PDF: https://homeport.uscg.mil/mycg/portal/ep/contentView.do?channelId=-

¹ USCG Maritime Information Exchange-Accepted Laboratories Search:

http://cgmix.uscg.mil/EQlabs/EqLabsSearch.aspx - list of approved Independent Laboratories. Click drop down menu next to "Approval Series Name" and select "Ballast Water Management Systems – 162.060".

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The rule's implementation schedule will phase in the BWDS or other accepted BWM practices for new and existing vessels based on the vessel's ballast water capacity and scheduled dry dock date as listed in 33 CFR 151.1512(b) or 33 CFR 151.2035 (b): ³ Vessels that cannot meet the BWDS or employ one of the other BWM practices by their compliance date can request an extension to their compliance date from the Coast Guard at least 12 months before they would otherwise have to comply. Currently, over 3,800 extensions have been granted to qualifying vessels.⁴

U.S. Environmental Protection Agency Vessel General Permit

On March 28, 2013, the EPA signed the final 2013 National Pollutant Discharge Elimination System (NPDES) Vessel General Permit (VGP), which replaced the 2008 VGP when it expired on December 19, 2013. The final VGP contains numeric ballast water discharge limits for most vessels. The permit generally aligns with requirements contained within the 2012 USCG ballast water rulemaking. Additionally, the VGP contains requirements to ensure ballast water treatment systems are functioning correctly. The final permit also provides that certain vessels entering the Great Lakes must conduct additional management measures to reduce the risk of introducing new invasive species.⁵

³ For Additional Guidance on Extension and Implementation Schedule for Approved Ballast Water Management Methods see CG-OES Policy Letter No. 13-01, Revision 2 dated: 16 Nov 2015

⁴ Coast Guard Maritime Commons 12/3/2015: Shedding some light on 2012 ballast water regulations http://mariners.coastguard.dodlive.mil/2015/12/03/1232015-shedding-some-light-on-2012-ballast-water-regulations/

 ⁵ Final 2013 Vessel General Permit (2013, March). Retrieved January 31, 2014, from http://www.epa.gov/npdes/pubs/vgp_overview2013.pdf

Ballast Water Reporting Form

Vessels bound for the Great Lakes from outside the EEZ are required to submit a ballast water reporting form before entering Canadian waters and again 24 hours prior to entering the St. Lawrence Seaway. The vessel lists voyage information, ballast water usage/capacity, ballast water management method, ballast water sources, ballast water management practices, and proposed discharge location.

• 100% of ballast water reporting forms were screened to assess ballast water history, compliance, and intentions.

Ballast Management Exams

The Joint Ballast Management Exam Program uses a comprehensive approach to vessel inspections. The inspection begins with a detailed review of ballast water reports, logs, records, and ballast water management plans. The crew is interviewed to assess their understanding of the requirements of the vessel's Ballast Water Management Plan as well as answer questions on actual practices. Finally, ballast tanks are sampled for salinity or the presence of mud that would suggest a satisfactory management practice was not employed.

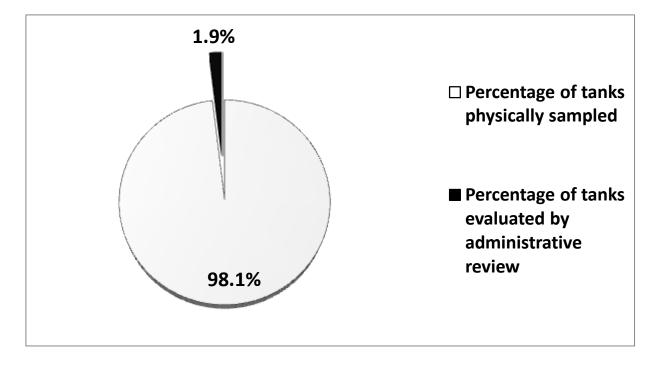
Vessel Inspection Totals

In 2015, 100% of vessels bound for the Great Lakes Seaway from outside the EEZ received a ballast management exam (on each of the 455 transits) compared with *100% from 2009 through 2014, 99% in 2008, and 74% in 2007.*

Ballast Tank Sampling

Ballast water is typically found in wing tanks, double bottom tanks, peak tanks, and cargo holds. Access to these tanks is normally gained through vents, sounding tubes or hatches. Normal procedure calls for the inspector to use the sounding tube or vent for primary access. Manhole covers and hatches may be used if access cannot be gained via a primary means. Ballast water salinity is checked using a hand held salinity refractometer or with an electronic meter. The results of the sampling are captured on a sampling report form created by the BWWG.

- 100% of ballast tanks were assessed via sampling or administrative review
- Total tanks capable of carrying ballast water 8361
 - Total tanks physically sampled 8199 (98.1%)



• Total tanks evaluated by administrative review* – 162 (1.9%)

*Administrative review means an evaluation of a tank where sampling could not be performed or the tank was not being used as a ballast tank at the time of the review. This review includes an examination of vessel documents and interviews with vessel officers.

Regulatory Actions

Regulatory action is limited to the jurisdiction of each agency. Information exchanged between agencies ensures appropriate action is taken to address discrepancies. The various tools commonly used for discrepancies include education, a Letter of Warning, a Letter of Retention, or a fine issued through a Notice of Violation.

Letters of Retention

Vessels that choose to retain their ballast water, in lieu of another management option, are issued a Letter of Retention (LOR). When the vessel departs the system, compliance is verified and the letter is rescinded. It is important to note that Letters of Retention were issued for some tanks that are not actually used for ballast water, but are listed in their Ballast Water Management Plan as potable or cooling water tanks.

- BWWG agencies issued a Letter of Retention for 63 vessel transits involving 252 tanks.
- Because of pre-arrival screenings, no vessels had to alter course to enable satisfactory exchange, avoiding major delays later in their transit and the issuance of LORs.

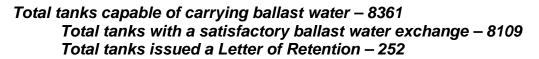
Note that in many areas of the Great Lakes Basin, vessels are now restricted from discharging sewage, causing vessel operators to temporarily use ballast tanks as holding tanks. These tanks are then non-compliant with ballast and pollution regulations.

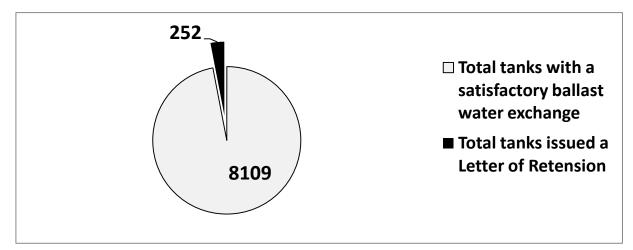
During the 2015 season, there were more "Heavy Lift" vessels transits in the Great Lakes Seaway system. Those vessels chose to retain their ballast water onboard contributing to the increase in LOR tanks. Vessels that carry technical water (i.e., fresh water NOT intended for ballasting, drinking washing, bathing, showering, use in the vessel's hospital, handling, preparing, or cooking food, and cleaning food storage and preparation areas, utensils, and equipment) must keep records on water consumption. These records must be made available to inspectors during the vessel's outbound voyage. In 2015, 15 vessels were issued LORs for technical water.

In 2015, 6 bulk carriers approaching the St. Lawrence Seaway with residual contaminated water in their Hold Wash Tanks were required to flush or retain their hold tanks to protect their vessel's potable water supply and the Great Lakes marine environment.

Outbound Verification Exams

Vessel exams for compliance with the LOR are conducted when the vessel is outbound from the Seaway. Documentation is reviewed and relevant tanks sampled to ensure compliance. In 2015, no vessels were found to be in violation of their LOR.





Letters of Warning

A Letter of Warning is issued when a vessel is found with discrepancies in its ballast water management plan, records or reports. It is used for minor first time offenses with a warning of possible assessment of a fine if not corrected.

• Transport Canada did not issue any Letters of Warning for vessels with Seaway entry

Administrative Monetary Penalties (TCMSS)

Four vessels received a LOR and an Administrative Monetary Penalty (AMP) of \$6,000/vessel in 2015; totaling in \$24,000 AMPs from Transport Canada Marine Safety & Security for making a false declarations. Ballast tank test results were inconsistent with information found on Ballast Water Reporting Forms.

Notice of Violation (SLSDC/USCG)

A Notice of Violation imposes a fine on a vessel for failure to comply with regulations. None were issued in 2015.

Chapter 5 – Conclusion

For any regulatory regime to be effective, the Great Lakes and the St. Lawrence Seaway must be treated as a single system. The only way to ensure consistent ballast discharge regulations across the Great Lakes Seaway system is to have strong federally mandated standards managed by unified federal agency coordination between Canada and the U.S. in partnership and consultation with the States and Provinces. These partnerships will help minimize the creation of a patchwork of inconsistent regulations, which would have a negative impact on vessel compliance and operation. The current high effectiveness of ballast water exchange, the BWWG's detailed prescreening efforts to support aggressive enforcement of current regulations, the high industry compliance rate, and the new federal ballast water discharge standard are an effective means of managing ballast on the Great Lakes Seaway system.

The St. Lawrence Seaway is uniquely situated to prevent further introduction of invasive species. With a central inspection point, situated outside of the Lakes, the ballast water tanks of all inbound vessels are inspected by either Canada or the United States as part of our bi-national joint vessel inspection program under the Ballast Water Working Group. Vessel safety, security, and ballast inspections have been regularly conducted pre-Seaway entry since 1997. These inspections have been successful in enhancing the operational and environmental safety and security of the Great Lakes St. Lawrence Seaway system. All four agencies work cooperatively in a binational manner to address issues as they arise. The Seaway NOBOB regulation harmonizes the ballast water requirements for vessels transiting the U.S. waters of the Seaway with those currently required by Transport Canada for transit in waters under Canadian jurisdiction of the Seaway. The BWWG coordinates and manages implementation of three sets of Ballast Water Regulations, providing effective control against the introduction of aquatic invasive species. The BWWG will continue its work to deter the introduction of aquatic invasive species in the Great Lakes using regulatory, technological, and management-The agencies take the threat of aquatic invasive species very based protocols. seriously and are dedicated to combating the problem.

Chapter 6 – Contributions

Members of the Ballast Water Working Group





U.S. Coast Guard CDR Christopher Tantillo LCDR Carl Kepper LT Michael Collet

For further information on the Great Lakes Ballast Management Program, please visit the following:

The Seaway website: http://www.greatlakes-seaway.com/en/environment/ballast-water/index.html

The NBIC website: http://invasions.si.edu/nbic/index.html

The USCG website: <u>https://homeport.uscg.mil/mycg/portal/ep/channelView.do?channelId=-18361&pageTypeId=13489</u>

Transport Canada's website: http://www.tc.gc.ca/eng/marine-menu.htm

The US Environmental Protection Agency website: http://water.epa.gov/polwaste/npdes/vessels/upload/vgp_permit2013.pdf

Appendix

A Historical Review:

1989:

In response to calls from the International Joint Commission and the Great Lakes Fishery Commission over the discovery of the Ruffe in Lake Superior, Canada established guidelines requesting all vessels entering the freshwaters of the St Lawrence River and the Great Lakes to exchange their ballast. The use of ballast water exchange was based on the effectiveness of Canadian studies undertaken by Environment Canada to protect the aquaculture facilities in the Magdalen Islands.

Early 1990's to 1997:

The U.S. Coast Guard established regulations based on the Canadian Guideline in 1993 under the authority of the Nonindigenous Aquatic Nuisance Prevention and Control Act of 1990 (NANPCA). Ballast Water on Board (BOB) vessels are vessels that declare they have ballast tanks that contain ballast water. The U.S. Coast Guard started testing BOB vessels on a voluntary basis in 1991 and on a mandatory basis in 1993. The inspection process included examining vessels between the two U.S. locks in Massena (Eisenhower and Snell) and testing the salinity of the ballast water to ensure salinity was at least 30 ppt. Ballast with a salinity of at least 30 ppt is considered evidence that the tanks have been adequately exchanged with seawater, providing a reasonably harsh environment for any remaining freshwater organisms.

1997 to Present:

The U.S. Coast Guard, Transport Canada and the Seaway Corporations developed a joint inspection program called the "Enhanced Seaway Inspection" (ESI) for foreign flag vessels, which covered applicable safety and environmental equipment onboard vessels and is conducted prior to the vessel's initial transit of the Great Lakes Seaway system.

During the vessel's ESI, one or more of the BWWG member agencies conducts a ballast tank inspection to ensure compliance with U.S., Canadian, and Seaway ballast regulations. The vessel's ballast tanks are sampled to verify compliance with all BWWG members' regulations.

2002 St. Lawrence Seaway Requirement:

The U.S. and Canadian Seaways instituted a requirement that all foreign flag vessels entering the Great Lakes Seaway system comply with the Best Management Practices of the Shipping Federation of Canada. In addition, vessels that do not operate beyond the EEZ but do operate within the Great Lakes and Seaway (i.e., lakers) must agree to comply with the Voluntary Management Practices to Reduce the Transfer of Aquatic Nuisance Species within the Great Lakes by U.S. and Canadian Domestic Shipping, dated January 26, 2001. These voluntary management practices require vessels to agree to regular inspections of ballast tanks and regular removal of sediment.

2004 U.S. Coast Guard National Mandatory Ballast Management Requirements:

This final rule changed the national voluntary BWM program to a mandatory one, requiring all vessels equipped with ballast water tanks and bound for ports or places of the United States to conduct a mid-ocean BWE, retain their ballast water onboard, or use an alternative environmentally sound BWM method approved by the Coast Guard. Penalties were established for failure to comply with the reporting requirements located in 33 CFR part 151 and the applicability of the reporting and recordkeeping requirements were broadened to include a majority of vessels bound for ports or places of the United States.

2005 U.S. Coast Guard NOBOB Best Management Practices:

Because of the risks identified in National Oceanic and Atmospheric Administration (NOAA) and Great Lakes Environmental Research Laboratory (NOAA/GLERL) study published in April 2005, the U.S. Coast Guard and Transport Canada Marine Safety inspectors began examining NOBOB vessels in conjunction with the ESI in May of 2005. In August 2005, the U.S. Coast Guard issued its "NOBOB Best Management Practices". This policy recommends vessels conduct mid-ocean ballast water exchange whenever possible and if not possible, conduct mid-ocean salt water flushing. The goal of these practices is to raise the salinity level of residual, unpumpable ballast above 30 ppt. The increase in salinity reduces the likelihood of introducing aquatic nuisance species to the Great Lakes when the tanks are ballasted with Great Lakes fresh water at one port and deballasted in another Great Lakes port.

2006 Canadian Regulations:

Canada promulgated the Ballast Water Control and Management Regulations under the Canada Shipping Act in June of 2006. The regulations enact the IMO D1 requirements for ballast water exchange for any vessel entering waters under Canadian jurisdiction from outside Canada's EEZ and include both trans oceanic and coastal voyages (BOB and NOBOB).

Additionally, vessels coming from outside waters under Canadian jurisdiction declaring no ballast on board must ensure that the residual ballast water in tanks has been exposed to salinity conditions equivalent to ballast water exchange by complying with one of the following options:

- The residual ballast water came from ballast water that was properly exchanged at sea;
- The residual ballast water meets the international standard for treated ballast water;
- The vessel complies with sections 1, 2, 6 and 7 of the Code of Best Practices for Ballast Water Management of the Shipping Federation of Canada dated September 28, 2000, or;
- The vessel conducted a saltwater flushing at least 200 nm from shore.

Coastal Navigation information for either BOB or NOBOB: Ballast water that has been taken on board the vessel, outside of waters of Canadian jurisdiction, on Coastal or Non-Transoceanic Navigation shall be exchanged to meet the prescriptions of Canadian

BWCMR section 7-which means that a Mandatory Deviation if required to meet minimum depth of 500 meters – In winter months Section 6. (3) may apply under exceptional circumstances.

2006 Ballast Water Working Group (BWWG):

The Great Lakes BWWG was formed in January 2006. The mission of the BWWG is to harmonize ballast water management efforts between the U.S. Coast Guard, Transport Canada-Marine Safety & Security, Saint Lawrence Seaway Development Corporation and the St. Lawrence Seaway Management Corporation. The BWWG coordinates enforcement and compliance efforts for reducing aquatic nuisance species invasions via ballast water and residuals in the Seaway and Great Lakes.

2008 St. Lawrence Seaway NOBOB Requirement:

The U.S. and Canadian St. Lawrence Seaway agencies enacted new requirements effective at the start of the 2008 Navigation Season that requires vessels to conduct saltwater flushing of their ballast tanks that contain residual amounts of ballast water and/or sediment in an area 200 nm from any shore before entering waters of the Seaway. Vessels must also maintain the ability to measure salinity levels in each tank onboard so that final salinities of at least 30 ppt can be ensured.

All four agencies committed resources to accomplishing the additional work required to carry out the increased tank inspection program. The overall goal of the 2008 inspection program was to inspect each vessel entering the system from outside the EEZ on every transit and increase the number of both BOB and NOBOB tanks tested.

2009 Coast Guard Proposed Ballast Water Discharge Standard Rulemaking:

The Coast Guard's 2009 Notice of Proposed Rulemaking proposed a two-phase standard for the allowable concentration of living organisms in vessels' ballast water discharged in U.S. waters.

2010 Canada Ratifies the Ballast Water Management Convention:

At the 60th meeting of IMO's Marine Environmental Protection Committee in March 2010, Canada deposited its instrument of ratification for the International Convention for the Control and Management of Ships' Ballast Water and Sediments, becoming the 27th country to ratify the convention.

2012 Coast Guard's Final Rule on Standards for Living Organisms in Ships' Ballast Water Discharged in U.S. Waters

On March 23, 2012, the Coast Guard established a ballast water discharge standard for U.S. waters and a Coast Guard type-approval process for ballast water management systems. This process established requirements for designing, testing, installing, and operating equipment on board vessels.

The Final Rule included an implementation schedule based upon a vessel's construction date and ballast capacity. The earliest implementation date for a BWMS was December 1, 2013.

The Final Rule also included a bridging strategy provision for approval of alternate management systems, which allows for foreign type-approved systems with IMO approval to be installed prior to the vessel's compliance date for a period no longer than five years from the date they would otherwise be required to comply with the ballast water discharge standard.

Effective June 21, 2012, a non-recreational vessel equipped with ballast tanks entering Snell Lock from outside the U.S. EEZ must use one of the following ballast water management practices:

- carry out BWE unless the vessel is required to employ a BWMS,
- retain ballast on board,
- install and operate an approved BWMS, or
- use only water from a U.S. public water system as ballast water.

The ballast water discharge standard matches that adopted by the International Maritime Organization (IMO) in 2004 and further established by seven U.S. states. The numerical limits set by the discharge standard are supported by reports from the National Academy of Sciences and the Environmental Protection Agency Science Advisory Board in 2011 as the most stringent that vessels can practicably implement and that the Coast Guard can enforce at this time.

2013 Environmental Protection Agency Vessel General Permit

The U.S. Environmental Protection Agency (EPA) issued a final vessel general permit regulating discharges from commercial vessels, including ballast water, to protect the nation's waters from ship-borne pollutants and reduce invasive species in U.S. waters.

The final vessel general permit covers commercial vessels greater than 79 feet in length, excluding military and recreational vessels, and [replaced] the 2008 vessel general permit [that expired] on Dec. 19, 2013.

This permit regulates 27 specific discharge categories, and will also provide improvements to the efficiency of the permit process, and clarify discharge requirements by the following:

- Reduce the risks of introduction of invasive species. The permit includes a numeric discharge standard limiting the release of non-indigenous invasive species in ballast water. The permit also contains additional environmental protection for the Great Lakes, which have suffered disproportionate impacts from invasive species, aligning federal standards with many Great Lakes states by requiring certain vessels to take

additional precautions to reduce the risk of introducing new invasive species to U.S. waters.

- Reduce administrative burden for vessel owners and operators. The permit will eliminate duplicative reporting requirements, expand electronic recordkeeping opportunities, and reduce self-inspection frequency for vessels that are out of service for extended periods.

The new discharge standards are supported by independent studies by EPA's science advisory board and the National Research Council, and are consistent with those contained in the International Maritime Organization's 2004 Ballast Water Convention.⁶

⁶ Kika, S. (2013, March 28). EPA Finalizes General Permit. Retrieved January 31, 2014, from <u>http://yosemite.epa.gov/opa/admpress.nsf/d0cf6618525a9efb85257359003fb69d/57c36a4a03d6503485257b3c0064f</u> <u>927!OpenDocument</u>