

Great Lakes and St. Lawrence Ballast Water Workshop

November 16-17, 2016

Westin Book Cadillac Detroit



1114 Washington Blvd. | Detroit, Michigan 48226 | (313) 442-1600

Agenda

Workshop Objectives

Provide an opportunity for the Great Lakes and St. Lawrence community – including representatives of federal, state and provincial agencies, industry, ports, research facilities, environmental groups and other key stakeholders – to

- Network and share information
- Develop a common understanding of the current state of ballast water management across the Great Lakes-St. Lawrence River region
- Identify scientific, technology, management, and policy gaps, needs and opportunities to advance ballast water management collaboratively
- Develop preliminary findings to shape next steps in regional policy and scientific inquiry
- Assess opportunities to define and advance priorities for ballast water management in the Great Lakes-St. Lawrence River region

Wednesday, November 16

Crystal Ballroom – Fourth Floor Westin

9:30 a.m. Welcome Remarks, Agenda Review and Workshop Objectives

Tim Eder, Executive Director, Great Lakes Commission

9:40 a.m. Ballast Water Management and the Great Lakes-St. Lawrence Resources

Jon Allan, Director, Michigan Office of the Great Lakes

10:00 a.m. International and Domestic Ballast Water Rules and Regulations: Status and Future Outlook

Objective: Understand the status and outlook for ballast water policy and regulations, and identify opportunities for continuing to harmonize regulatory approaches

(10:00 a.m.) Debbie Duckworth, CGHQ Office of Environmental Standards and

Lorne Thomas, U.S. Coast Guard

(10:15 a.m.) Josh Emerson, U.S. Environmental Protection Agency

(10:30 a.m.) Colin Henein, Transport Canada

(10:45 a.m.) Questions and Discussion

- *How will federal agencies continue to work together on policy approaches across agencies and binationally?*

11:00 a.m. Break

Continued: International and Domestic Ballast Water Rules and Regulations: Status and Future Outlook

(11:15 a.m.) Sarah LeSage, Michigan Department of Environmental Quality

(11:30 a.m.) Jeff Stollenwerk, Minnesota Pollution Control Agency

(11:45 a.m.) Susan Eichelkraut, Wisconsin Department of Natural Resources

(12:00 p.m.) Questions and Discussion

- *What opportunities exist for states to continue to work toward harmonization of policy approaches?*

12:15 p.m. Lunch (provided)

1:15 p.m. Treatment System Approval, Availability and Outlook

Objective: Understand the status and outlook for treatment systems and identify needs and potential opportunities that still remain for implementing treatment systems that will protect the Great Lakes-St. Lawrence system

(1:15 p.m.) Debbie Duckworth, CGHQ Office of Environmental Standards and Lorne Thomas, U.S. Coast Guard

- Status and outlook of type approval process

(1:30 p.m.) Matt TenEyck, Great Ships Initiative

- Test facility experiences and outlook
- Feasibility / effectiveness of treatments systems for the GLSL

(1:45 p.m.) Gary Croot, President, IMESA, Inc.

- Vendor experiences and outlook for treatment development

(2:00 p.m.) Ed Pfau, Senior Scientist, and Travis Smith, Senior Engineer, Hull and Associates

- Feasibility considerations of shoreside ballast water management for Lakers

(2:15 p.m.) Questions and Discussion

- *What are the outstanding challenges and potential opportunities to overcome those challenges to advance implementation of effective treatment or management solutions?*

2:45 p.m. Break

3:00 p.m. Private Sector Efforts to Mitigate Risk

Objective: Understand the status and outlook for treatment systems and identify needs and potential opportunities that still remain for implementing treatment systems that will protect the Great Lakes-St. Lawrence system

(3:00 p.m.) Marc Gagnon, Fednav

(3:15 p.m.) Tom Rayburn, Lake Carriers Association

(3:30 p.m.) Nick Leak, Chamber of Marine Commerce

(3:45 p.m.) Pierre Pelletreau, American Steamship Company

(4:00 p.m.) Questions and Discussion

- *What are the outstanding challenges and potential opportunities to overcome those challenges to advance implementation of effective technology or management solutions?*

4:30 p.m. Update on Commercial Vessel Incidental Discharge Act

Objective: Understand the outlook for and implications of proposed legislation that could impact U.S. policies and regulatory framework

(4:30 p.m.) Matt McKenna, Director of the Great Lakes Washington Program, Northeast-Midwest Institute

(4:50 p.m.) Questions and Discussion

5:00 p.m. Conclude Day 1

5:30 p.m. Reception at Port Detroit - 130 Atwater St, Detroit, MI 48207

Sponsors:
Great Lakes Fishery Trust
Detroit Wayne County Port Authority
Great Lakes Fishery Commission
Fednav

Thursday, November 17

Crystal Ballroom – Fourth Floor Westin

8:30 a.m. Agenda Review and Recap of Day 1

Tim Eder, Great Lakes Commission

- 8:40 a.m. Ballast Water Management Simulation Presentation**
Objective: Illustrate how rules and regulations would be applied under different scenarios of ships traveling into and through the Great Lakes-St. Lawrence River system in order to inform discussions about remaining policy gaps and needs
Erika Jensen, Great Lakes Commission
Questions and Discussion
- 9:00 a.m. Protecting the Natural Resources of the Great Lakes-St. Lawrence Region**
Objective: Understand perspectives regarding the importance of reducing risk of AIS introduction and spread in the Great Lakes-St. Lawrence
(9:00 a.m.) Jeff Tyson, Great Lakes Fishery Commission
(9:10 a.m.) Molly Flanagan, Alliance for the Great Lakes
(9:20 a.m.) Questions and Discussion
- 9:30 a.m. Assessing Risk and Measuring Prevention/Response Effectiveness**
Objective: Understand the current state of knowledge and efforts to better understand risk in order to inform discussions of needs to address outstanding risks
(9:30 a.m.) Matt TenEyck, Great Ships Initiative
- Environmental response: How clean is clean?
 - Risk/Release Analysis
- (9:50 a.m.) Sarah Bailey, Department of Fisheries and Oceans Canada
- Canadian National Risk Assessment
- (10:10 a.m.) Questions and Discussion
- *What questions remain about residual risk?*
- 10:20 a.m. Break**
- 10:40 a.m. Panel: Moving Forward on Ballast Water Management in the Great Lakes-St. Lawrence Region**
Objective: Building on information and discussion over the last 1.5 days, refine and continue to identify scientific, technology, management, and policy gaps, needs and opportunities to inform next steps in regional policy and scientific inquiry
Moderator: Jon Allan
Panelists:
- Molly Flanagan, Alliance for the Great Lakes
 - Marc Gagnon, Fednav
 - Tom Rayburn, Lake Carriers Association
 - Jeff Stollenwerk, Minnesota Pollution Control Agency
 - Lorne Thomas, U.S. Coast Guard
- 12:00 p.m. Closing Remarks, Next Steps and Adjournment**