



**Great Lakes Aquatic Nuisance Species Panel Fall Meeting**

# **An Update on the Activities of The Great Lakes Ballast Water Collaborative**

**Rochester, NY  
May 23, 2012**



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# The Great Lakes Ballast Water Collaborative

Comprised of:

- **Government Regulators (State/Provincial and Federal)**
- **Commercial Maritime Representatives**
- **Scientists and Researchers**
- **Non-Governmental Organizations**

--sharing relevant information, fostering better communication, and partnering to reduce the risk of introduction and spread of ANS.

**Main Objective:** *Bring U.S. Great Lakes State representatives together with the marine industry and respected Canadian and U.S. scientists and researchers.*



# Gather at a “Round” Table

- The **non-hierarchical** and **informal** nature of the Collaborative is critical to its effectiveness as a forum for relationship building and information exchange.
- A willingness to meet frequently has allowed beneficial relationships and substantive proposals to develop:
  - September 2009 in Detroit, MI
  - December 2009 in Ann Arbor, MI
  - January 2010 in Toronto, ONT
  - May 2010 in Montreal, QUE
  - July 2010 in Duluth/Superior, MN/WI
  - January 2011 in Toronto, ONT
  - September 2011 in Baltimore, MD
  - February 2012 in Cleveland, OH



## Recent activities

- **Meeting Jan 19<sup>th</sup>, 2011 Toronto:**
  - Information was presented on the current tools and statistical approaches to ballast water treatment system validation and verification tools and strategies.
  - A Working Group to explore measures to further mitigate the risk of spreading ANS with existing domestic vessels was established.
- **Meeting September 27<sup>th</sup>, 2011 Baltimore:**
  - Risk Mitigation Working Group provided a report of their progress.
  - National Research Council and EPA Science Advisory Board reports were presented
  - Attendees participated in the Maritime Environmental Research Center – Mobile BWT Test Platform dedication and received tours.



## Upcoming activities

- **Next Ballast Water Collaborative Meeting Aug 2-3, 2012, Duluth, MN:**
  - **Presentation and Q&A session on the USCG Ballast Water Discharge Final Rule including details of the Type Approval process and how the USCG will implement the Alternate Management System provision (which is separate from Type Approval).**
  - **A panel discussion moderated by Chris Wiley (TC, DFO, and Chair of the IMO Ballast Water Working Group), on the pathway to getting Ballast Water Management Systems on board vessels that transit the Great Lakes/St. Lawrence Seaway System.**



# Thank You !

The reports and related data sources used and produced by the Collaborative can be found on the Seaway's binational website under the tab labeled "*The Environment*" at:

[www.greatlakes-seaway.com](http://www.greatlakes-seaway.com)



## QUESTIONS?



# High-Level Participation is Key

**Over 100 individuals and organizations have been actively participating in the GL BWC, including:**

## **FEDERAL AGENCIES**

U.S. EPA

U.S. Coast Guard

Transport Canada

Fisheries and Oceans Canada

International Joint Commission

U.S. Maritime Administration

National Oceanographic Atmospheric Administration

National Park Service

U.S. Geological Survey

U.S. Saint Lawrence Seaway Development Corporation

Canadian St. Lawrence Seaway Management Corporation



# High-Level Participation is Key

## COMMERCIAL NAVIGATION

American Steamship Co.  
Canadian Shipowners Assoc.  
Seaway Marine Transport  
Canada Steamship Lines  
Shipping Federation of Canada  
Am. Great Lakes Ports Assoc.

Fednav, Ltd.  
Canfornav, Ltd.  
Interlake Steamship Co.  
Key Lakes, Inc.  
U.S. Lake Carriers Assoc.

## OTHER ENTITIES

Minnesota Sea Grant  
Northeast Midwest Institute  
Great Lakes Commission

Great Lakes United  
MN Env. Partnership



# High-Level Participation is Key

## **STATES AND PROVINCES**

Minnesota Pollution and Control Agency

Wisconsin Department of Natural Resources

New York Department of Environmental Conservation

Michigan Department of Environmental Quality

Ohio Environmental Protection Agency

California State Lands Commission

Ministère des Transports du Québec

Ontario Ministry of Natural Resources

## **SCIENTISTS & RESEARCHERS**

Chris Wiley

Allegra Cangelosi

Dr. Lisa Drake

Dr. David Reid

Dr. Mario Tamburri

Dr. Sarah Bailey