Great Lakes Ballast Water Collaborative Meeting

August 2nd and 3rd, 2012 EPA Mid-Continent Ecology Division 6201 Congdon Boulevard Duluth, MN 55804 (218) 529-5000

FINAL AGENDA 07/31/2012

Day ONE: August 2, 2012

| 8:30 - 9:00 | Introductory Remarks | SLSDC |
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| 0.00 0.30 | INAC Lindata re ananing of CO guidalines including COA | IJC Chris Wiley, DEO 8 TC |
| 9:00 - 9:30 | IMO Update, re-opening of G8 guidelines, including Q&A. | Chris Wiley, DFO & TC |
| 9:30 - 10:00 | USCG Final Rule Update and Q&A. | CDR Ryan Allain/Dr. Rich Everett, USCG |
| 10:00 - 10:20 | Transport Canada Update and Q&A. | Paul Topping, TC |
| 10:20 - 10:50 | Break | |
| 10:50 - 11:20 | EPA Draft 2013 VGP, including a discussion of comments submitted to date, an update on post NRC Study activities, and Q&A. | Juhi Saxena, EPA |
| 11:20 - 11:50 | GSI Update including Q&A. | Allegra Cangelosi, GSI |
| 11:50 - 12:40 | Status of, and conditions in, State 401 Certifications and other State Activities Updates including Q&A. | Jeff Stollenwerk, MN PCA Susan Sylvester, WI DNR Roger Eberhardt, MI DEQ |
| 12:40 - 1:00 | Start of Working Lunch | Provided by Minnesota Sea Grant |
| 1:00 - 1:20 | American Steamship Company Update including Q&A. | Noel Basset, ASC |
| 1:20 - 1:40 | Fednav Update including Q&A. | Marc Gagnon, Fednav |
| 1:40 - 2:15 | Advanced Filtration and Secondary Risk Transfer Pilot Project | Kirk Jones, CSL Robert Lewis-Manning, CSA |
| 2:15 - 2:30 | BWMS Installation Guide and shipowner experiences to date. | Bill Lind, ABS |
| 2:30 - 3:00 | Break | |
| 3:00 - 5:00 | Presentation and Moderated Q&A: Information on how the USCG will implement the Alternate Management System provision outlined in the Final Rule. | CDR Ryan Allain/Dr. Rich Everett, USCG |
| | Presentation and Q&A will also cover other topics from the Final Rule. | |
| 6:00 - 8:00 | Optional GSI Mesocosm Lab Field-trip w/snacks from the grill; followed by optional no-host dinner at a local restaurant. | Hosted by Allegra Cangelosi, GSI |

Day TWO: August 3, 2012

| 8:30 - 9:00 9:00 - 12:00 | Isle Royale National Park Ballast Water Management update. USCG Type Approval Overview | Phyllis Green, NPS CDR Ryan Allain/Dr. Rich Everett, USCG | |
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| | Panel Discussion: How do we get Ballast Water Management Systems (BWMS) on ships transiting the Great Lakes St. Lawrence Seaway System? | Moderator: Chris Wiley, DFO & TC | |
| | What needs to be addressed in terms of determining appropriate BWMS for the Great Lakes within the USCG Type Approval framework? | | |
| | - What do BWMS need to be able to accomplish for use on the Great Lakes: biological testing, engineering, etc.? | | |
| | - How will BWMS be evaluated? | | |
| | - What are the regulatory and market factors? | | |
| | - Do we know how to go about determining whether a system meets the relevant requirements, and do we have the infrastructure needed to make this determination? | | |
| | - How will we establish compatible goals between Canada, the U.S. and the States, for acceptance of BWMS that are suitable for the cold, fresh, waters of the Great Lakes? | | |
| | Point for consideration by the States: How to achieve consistency in State Regulations on residual chemicals in discharged ballast water. | | |
| | - Independent Laboratory Relationships: Fitting into the regulatory structure. | Allegra Cangelosi, GSI; Kevin Dunn, Dalhousie University | |
| | Vendor Perspectives from their Research and Development teams. | Jim Cosman, Trojan; Gernot Seebacher, RWO | |
| Note: There will be a break from 10:00 - 10:30. | | | |
| 12:00 - 12:30 12:30 - 2:00 | Start of working lunch Moderated Q&A session on information presented during | Provided by Minnesota Sea Grant Moderator: Chris Wiley, DFO & TC | |
| | Panel Discussion - where to go from here. | | |
| 2:00 - 2:15 | Wrap-up and Action Items | Craig Middlebrook, SLSDC | |
| Co-Sponsors | International Joint Commission Saint Lawrence Seaway Development Corporation EPA Mid-Continent Ecology Division Minnesota Sea Grant | | |