



Great Lakes Maritime Research Institute

A University of Wisconsin - Superior and
University of Minnesota Duluth Consortium

Quarterly Update April 2009

Co-Directors:
Richard D. Stewart and
James P. Riehl

GLMRI Receives Continued Support

GLMRI received another year of funding in the Omnibus Funding Appropriation that the President signed on March 11, 2009. Thanks to the lead from Congressman David Obey (D-WI, 7th District), GLMRI was included in the Bill that will not only support initiatives in northern WI, but the entire Great Lakes region. As a multi-state effort we greatly appreciate the support from the Great Lakes Congressional Delegation.

Annual Report

You should have received your copy of the GLMRI annual report. If you need additional copies, please contact the program office. The report is also accessible on the GLMRI website.

As you may have noticed, the report includes a summary on each of the research projects. Full research reports are posted on the web page for each of the projects under the Research tab.

GLMRI Seeking Research Proposals

The Request for Proposals was released to GLMRI affiliate universities for the upcoming summer selection process. A copy of the RFP is available on the GLMRI website under the Resources tab. Proposals are due by 4:00 PM on Wednesday, June 9.

Mark your Calendars!

National Maritime Day May 22, 2009
GLMRI Advisory Board Mtg Sep 23, 2009
GLMRI Affiliate Mtg Sep 24-25, 2009

GLMRI, Purdue University and the American Great Lakes Ports Association Release Manual of Best Environmental Management Practices

Dr. Lynn Corson and Mr. Steve Fisher developed the Best Management Practices manual to assist small ports in finding ways to better manage environmental issues under their 2007/8 GLMRI funded project. Over the past year, they evaluated 12 US and Canadian ports with regard to key environmental management areas to identify opportunities for Great Lakes ports to move beyond compliance. The manual and their full report are accessible on the GLMRI web page. Dr. Corson is the Director of the Clean Manufacturing Technology Institute at Purdue University and Mr. Fisher is the Executive Director of the American Great Lakes Ports Association.

US Coast Guard Appoints New GLMRI Advisory Board Member

Capt Lorne Thomas, Chief of the United States Ninth Coast Guard District Prevention Division, was appointed as the new delegate to GLMRI's Advisory Board. The United States Ninth Coast Guard District Prevention Division, located in Cleveland, Ohio, protects the public, our ports, the environment and U.S. economic interests through the prevention and mitigation of maritime incidents. The Ninth District is responsible for all Coast Guard operations throughout the five Great Lakes and the Saint Lawrence Seaway.

GLMRI Research Updates

Dr. Pope from the University of Minnesota Duluth's Mechanical and Industrial Engineering program is preparing for the summer testing of the Bio-Diesel fuel. He has ordered the chiller and the cold filter plugging point test apparatus, while he is finalizing the test procedures for the cloud point and pour point testing.

Dr. Lindquist from the University of Toledo has been on the road presenting workshops and informational sessions to teach and familiarize users on the Great Lakes Maritime Information Clearinghouse. He also is now working with Dr. Steve Graham, the research associate at UMD's Geographic Information Sciences Laboratory to assist with the training sessions.

Dr. Winebrake from Rochester Institute of Technology has made numerous presentations and demonstrations this quarter, from local science fairs to the national Transportation Research Board meetings, on the Great Lakes-Geographic Intermodal Freight Transport model. He and his team are finalizing plans for their summer workshop, and also testing the prototype for internet access.

Key Outreach Events, Presentations, Meetings January – March 2009

- Dr. Stewart, Carol Wolosz, Dr. Winebrake, Dr. Lindquist and Ms. Libby Ogard participated and presented GLMRI updates at the Transportation Research Board, Washington, D.C., Jan 11-15
- Dr. Stewart attended the American Great Lakes Ports Association meeting and chaired a panel on Short Sea Shipping, Toronto, ON, Jan 14-16
- Dr. Stewart gave a presentation on Great Lakes Marine Transportation to NOAA representatives, Duluth, MN, Jan. 20
- Economic Analysis Team teleconference with GLMRI researchers and key stakeholders, Jan 28
- Dr. Stewart presented "Climate Change Impacts on the Great Lakes Shipping Industry" at the Lake Superior Bi-national Forum, Superior, WI, Jan. 31
- Dr. Stewart and Dr. Riehl met with congressional representatives, Washington, D.C., Feb 25
- GLMRI members participated in Great Lake Community Days, Cleveland, OH, Feb 25 & 26
- Dr. Stewart and Carol Wolosz participated in the Society of Naval Architects and Marine Engineers (SNAME), Great Lakes and Rivers Section meeting, Cleveland, OH, Feb 27
- Carol Wolosz and Stacey Carlson participated in the Duluth/Superior Harbor Technical Advisory Committee (H-TAC) meeting, Duluth, MN, Mar 4
- Mr. Jim Sharrow, from the Duluth Seaway Port Authority, presented an update on the Harbor Corrosion Study at the H-TAC meeting and the SNAME meeting
- UW-Green Bay, represented by Ms. Libby Ogard, held a meeting with the Northeast Wisconsin DOT region offices to update them and obtain input for the Green Bay Marine Container Feasibility Study, Mar 6
- Dr. Lindquist provided training to the Metropolitan Interstate Committee members for using the Great Lakes Maritime Data Clearinghouse in Duluth, MN, Mar 9. He also attended a workshop in Green Bay, WI on Feb 20 to demonstrate the Data Viewer tool.
- Stacey Carlson participated in the Duluth/Superior Harbor Climate Change Case Study Team, Duluth, MN, Mar 19

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