



Great Lakes Maritime Research Institute

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

Co-Directors:
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October 2009

Quarterly Update

(for the quarter July – September 2009)

MARK YOUR CALENDARS!

Transportation Research Board Annual Meeting
January 10-14, 2010
Washington, D.C

Marine Community Day
February 10-11, 2010
Cleveland, Ohio

GLMRI Fall Meetings
September 22-24, 2010
Superior, Wisconsin

GLMRI Holds Annual Meetings

On September 23rd, the GLMRI Advisory Board met in Superior, Wisconsin, at the Richard I. Bong Veterans Heritage Center. The meeting was attended by the following representatives: Mr. Craig Middlebrook (St. Lawrence Seaway Development Corporation), Lt James Davies (US Army Corps of Engineers), LCDR Robert Haggerty (US Coast Guard), Mr. Floyd Miras (MARAD), Mr. Adolph Ojard (American Great Lakes Ports Association), Mr. Ken Gerasimos (Lake Carriers' Association). Other guests included: Ms. Marie Strum and Mr. Mike O'Bryan from USACE, and Mr. Todd Ripley from MARAD. Each of the board members provided an update on their agency and their views and needs for research focus and impacts. Pending changes for shipping standards and opportunities for researchers and the need for good data was emphasized.



GLMRI Advisory Board members and delegates, Sep. 23, 2009 at the Richard I. Bong Veterans Heritage Center, Superior, WI.

Researchers Present Progress Updates at Annual Affiliates Meeting

This year, for the first time, the GLMRI Affiliate Universities and Researchers meeting was held over a day and a half to allow for cross talk and networking. The full schedule included a research workshop session to share ideas for funding alternatives and outreach opportunities. On Friday, Dr. Sandra Knight from the Committee on the Marine Transportation System (CMTS) Action Team for Research and Development provided an overview of CMTS and their interests and focus for research. The GLMRI meeting agenda and most of the presentations are available on www.glmri.org.

GLMRI Research Updates

The research proposals received in June were reviewed by a panel of academics, representatives from the maritime industry and governmental agencies. The following projects were selected to be funded for the 2010 research year.

Great Lakes Maritime Education Program for K-12 Teachers, Students and Communities (Michigan Technological University – Ms. Joan Chadde)

WebGIFT: Expanding Access to the Great Lakes Geospatial Intermodal Freight Transportation (GL-GIFT) Model (Rochester Institute of Technology - Dr. Scott Hawker)

Evaluation of Integrated Electric Plants for Great Lakes Self- Unloaders (University of Michigan – Dr. David Singer)

Refinement of the Ballast-Free Ship Concept (University of Michigan – Dr. Michael Parsons)

Modal Comparison of Great Lakes Freight Transportation Effects on the General Public (University of Minnesota Duluth – Dr. Christopher McIntosh)

Economic Impact of the Great Lakes and St. Lawrence Seaway System (GLSLS), Phase II (University of Minnesota Duluth – Dr. David Doorn)

Developing a Risk Assessment Tool to Predict the Accelerated Corrosive Loss of Port Transportation Infrastructure (University of Minnesota Duluth – Dr. Randall Hicks)

Year 4: Building Sustainable Solutions to the Issue of Ballast Water Treatment: Testing Relationships between Propagule Pressure and Colonization Success of Invasive Species (University of Minnesota Duluth – Dr. Donn Branstrator, along with the University of Wisconsin-Superior's Lake Superior Research Institute and Great Ships Initiative)

The Great Lakes Maritime Information Delivery System: A Resource for the Regional Analysis of Intermodal Freight Flows in the Great Lakes Region (Phase V) (University of Toledo – Dr. Peter Lindquist)

Key Outreach Events, Presentations, Meetings

- Stacey Carlson attended the St. Lawrence Seaway's 50th Anniversary Celebration, Massena, NY. July 9-11.
- Carol Wolosz met with SLSDC, MARAD and OST staff members to discuss program updates and research venues, Washington, D.C. July 22.
- Carol Wolosz attended and provided a brief program update at the MTSNAC meeting, Washington, D.C. July 23-24.
- Dr. Stewart met with port officials, Seattle, WA. July 27.
- Dr. Stewart met with port officials, Port Angeles, WA. August 4.
- Carol Wolosz presented an overview of GLMRI to the 2009 Lake Superior Technology Conference sponsored by the Wisconsin Innovation Network, Ashland, WI. August 6.
- Dr. Winebrake and the research team from RIT and University of Delaware hosted a workshop on the Geo-Spatial Intermodal Freight Transportation Model, Rochester, NY. August 17.
- Dr. Stewart met with Michigan Tech researchers, Houghton, MI. August 18.
- Dr. Stewart attended the Mid-Continent Transportation Research Symposium, Ames, IA. August 20-21.
- Stacey Carlson attended the Wisconsin Commercial Ports' Association annual meeting, Sturgeon Bay, WI. August 26-27.
- Harbor Technical Advisory Committee meeting, Duluth, MN. September 2.
- GLMRI provided sponsorship to the Ecology in Transportation Conference, Duluth, MN. September 13-16.
- GLMRI Economic Impact project steering group, led by Dr. David Doorn, Duluth, MN. September 22.
- GLMRI Advisory Board meeting, Superior, WI. September 23.
- GLMRI Affiliate Universities meeting, Duluth, MN. September 24-25.

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