



Great Lakes Maritime Research Institute

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

Quarterly Update April 2008

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

GLMRI Call for Proposals Released to Affiliates

The GLMRI program office released the call for proposals in March. Proposals from the GLMRI affiliate universities are due by 4:00 PM on Thursday, June 5th. Detailed information on the research areas and proposal formats is available on the GLMRI website: www.glmri.org.

GLMRI Gains Media Interest

Dr. Michael Parson's GLMRI funded project at the University of Michigan is highlighted in a 5-minute video describing the Ballast-Free Ship model testing. The video, which shows the model during the hydrodynamic tank testing, is receiving a great amount of interest from regional, national, and international news outlets. The news release has been picked up by the UPI and the Washington Post, along with gleaming interest from the Discovery Channel Canada and the *Down to Earth* science magazine in India. The press release and video link are accessible from www.glmri.org.

The *Great Lakes Seaway Review*, in the Jan-Mar 2008 edition, published an article highlighting the progress of the GLMRI data project at the University of Toledo under Dr. Peter Lindquist's management. In the Oct-Dec 2007 edition, the *Seaway Review* highlighted Dr. Stewart's career – a must read!

Key Maritime Leaders Meet to Discuss Great Lakes Commerce

In January, Administrator Sean Connaughton, U.S. Maritime Administration, paid a visit to the Twin Ports of Duluth, MN and Superior WI. GLMRI sponsored a breakfast meeting with key area leaders to discuss issues impacting maritime commerce in the Great Lakes region.

Potential topics for future GLMRI involvement were considered and will be researched as possible focus areas and leadership by the Institute.

Administrator Connaughton also toured the Midwest Energy Resources facility and the Ballast Water Treatment Testing facility in Superior, WI. This was the first visit by a MARAD Administrator to the Twin Ports since the 1990s.

Michigan Tech Prepares for the 3rd Great Lakes Maritime Transportation Institute

Joan Chadde is working to finalize the agenda for the GLMRI Summer Transportation Institute, scheduled for July 20-25. Participants will have the opportunity to explore the historical, economical and environmental aspects of Great Lakes shipping at the "head of the lakes." Based in Duluth, the 5-day program will tour the Duluth-Superior harbor, Minnesota north shore, and meet with industry to better understand inter-modal transportation, cargo shipped, history, current operations, and future challenges of maritime transportation. The program is designed for K-12 Educators, but is open on a space-available basis for other participants (\$450 includes 2 credits, 5 nights lodging, and most meals). For more information: Call Joan at 906-487-3341 or jchadde@mtu.edu

**Application Deadline is May 30, 2008.

Mark Your Calendars

Great Lakes Maritime Academy T/S State of Michigan Spring Voyage – Duluth/Superior Reception	May 19
GLMRI Proposals Due	Jun 5
Tour of Finland	Sep 7 - 12
Advisory Board Meeting	Sep 25
Affiliate University Conference	Sep 26

GLMRI and Finland Research Institutes Continue to Build on a Cooperative Research Program

Dr. Jorma Ryttonen, research director of maritime and port operations from Kymenlaakso University of Applied Sciences attended the Marine Community Day events in Cleveland, Ohio, on February 20-21. Dr. Ryttonen was the luncheon Keynote Speaker during Thursday's session where he spoke on Finland's AIS/VTS systems. On Friday, February 22, Dr. Ryttonen and GLMRI Associate Researcher Stacey Carlson attended meetings at the University of Toledo with Drs. Peter Lindquist and Mark Vonderembse, Sr. Research Project Manager Sarah Schafer, and Research Technician Samir Dhar, to learn more about the Great Lakes Maritime Information Delivery System. Dr. Ryttonen also had the opportunity to meet with graduate student Patrick Dennis to discuss Short Sea Shipping in the Baltic Sea Region.

From September 7-12, 2008, the Great Lakes Maritime Research Institute, in conjunction with the VTT Technical Research Centre of Finland and the Kymenlaakson University of Applied Sciences, is sponsoring a **tour of Finland's** maritime community. (You can find the details on www.glmri.org.)

GLMRI Participation Key Outreach Events/Presentations/Meetings January – March 2008

- Hosted breakfast and GLMRI presentation to MARAD Administrator Sean Connaughton and other area maritime transportation leaders, Jan 8, Duluth, MN
- Carol Wolosz presented to the MTS/NAC on GLMRI program updates, Jan 10, Seattle, WA
- Dr. Stewart presented at the Ports and Channels Committee at the Transportation Research Board Meetings, Jan 13-16, Washington, D.C.
- GLMRI Affiliate researchers from University of Toledo and Rochester Institute of Technology presented papers and posters at the Transportation Research Board Meetings, Jan 13-16, Washington, D.C.
- Drs. Stewart and Riehl provided a program update to congressional offices, Jan 15, Washington, D.C.
- Dr. Stewart and Carol Wolosz provided program updates to MARAD and SLSDC staff members, Jan 16, Washington, D.C.
- Dr. Stewart presented at the Green Marine meeting, Jan 17-18, Toronto, Canada
- Dr. Stewart participated on a Panel at Cleveland Marine Community Day, Future of Maritime Commerce on the Great Lakes, Feb 21, Cleveland, OH
- GLMRI sponsored presentation, Dr. Jorma Ryttonen, Finland AIS/VTS, at Marine Community Day, Feb 21, Cleveland, OH
- Carol Wolosz participated in the scoping meeting for the Commercial Navigation Technical Working Group of the International Upper Great Lakes Study, Mar 27-28, Burlington, Canada



Contact Information:
Carol Wolosz
Assistant Director
cwolosz@d.umn.edu
(218) 726-7446
www.glmri.org



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