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July 2010

Quarterly Update
(April - June 2010)

Great Lakes Maritime K-12 Teachers Workshop Held In Toledo



Joan Chadde from the Michigan Technological University coordinated the fourth Great Lakes Maritime Workshop for K-12 Teachers and Educators in Toledo, Ohio, on June 20-25. In addition to the support from GLMRI, the University of Wisconsin's Center for Freight Infrastructure Research and Education (c-FIRE) provided funding to co-sponsor the event. The workshop was held at The Maritime Academy of Toledo (TMAT) utilizing their facility, instructors and staff. 18 educators from Wisconsin, Michigan, Ohio, and Ontario, Canada, participated in this year's program.



The week was filled with speakers, tours and classroom lessons. A few highlights from the week's agenda: Mr. Paul LaMarre from the Toledo-Lucas County Port Authority and Executive Director for the S.S. Willis B. Boyer Museum Ship provided a tour of the ship, and an overview of the Port operations. Mr. Rick Brown from TMAT provided several key lectures on various topics in maritime studies. Dr. Mark Gleason from the Great Lakes Naval Memorial Museum out of Muskegon, Michigan, provided a hands-on demonstration of a remotely operated vehicle in the TMAT swimming pool. Mr. Dave Knight, GLMRI Advisory Board member from the Great Lakes Commission, discussed current challenges in Great Lakes maritime transportation. On Thursday afternoon, the group traveled to Vermillion, Ohio, for a tour of the Inland Seas Maritime Museum and a lesson in shipwreck mapping.



Great Lakes Maritime Academy Visits the Port of Duluth-Superior

On June 13, the T/S *State of Michigan* arrived in the port of Duluth-Superior. On Monday, the cadets were given a tour of local shipping operations and business entities. A reception was held on the vessel on Monday evening, with cadets providing tours of the ship for the guests. This was Admiral John Tanner's last visit to the port as the Academy's superintendent after a long and distinguished career. We wish him the best in his retirement. Admiral Tanner with GLMA was the first institute to become an affiliate with GLMRI in 2005.



Also, Dr. Richard Stewart was the commencement speaker for the Academy's graduation on May 1, 2010 in Traverse City. 28 cadets (17 deck and 11 engineers) were recognized at this year's graduation ceremony.

GLMRI Research Updates

Dr. David Doorn, University of Minnesota Duluth, is progressing on the Economic Analysis project. He is working with the Ports of Duluth/Superior and Green Bay as the test points for the model. A meeting of the Steering Group is being planned for Tuesday, September 21 in Duluth to review the initial analyses.

Drs. David Singer and Mike Parsons, University of Michigan, have selected the 2 prototype vessels for their project to redesign the integrated electric power plants. They are working with American Steamship and have a 1,000' Laker and a 730' Seaway self-unloader for modeling purposes.

In addition to the workshop highlighted on the front page, Ms. Joan Chadde commenced a second Teachers' workshop at Michigan Technological University on their research vessel to tie in navigation lessons and math.

Dr. Lindquist and his team at the University of Toledo have been expanding the Data Clearinghouse. They have developed a data management plan and have been awarded another project with the US Army Corps of Engineers to assist in integrating and enhancing the navigation data collection processes and data sets.

MARK YOUR CALENDARS!
2010 GLMRI Fall Meetings
Duluth/Superior

Sep 21 Econ Analysis Project
Steering Group Mtg.

Sep 22 Advisory Board Mtg.

Sep 23-24 Affiliate University Mtg.

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Key Outreach Events, Presentations, Meetings

- Carol Wolosz attended the Ship Operators Cooperative Program meeting and was recognized as a new member agency. Also, Carol provided an update on the GLMRI upcoming summer workshops at the Maritime Primary and Secondary Education Coalition break-out session. Houston, TX. Apr 21-23.
- Dr. Stewart was the commencement speaker at the Great Lake Maritime Academy graduation. Traverse City, MI. May 1.
- Carol Wolosz and GLMRI researcher Dr. Randall Hicks participated in the USACE meeting and Harbor testing on the Corrosion Study. Duluth, MN and Superior, WI. May 11-12.
- Dr. Stewart and Carol Wolosz met with visiting researchers to discuss GLMRI and maritime transportation focused studies. Duluth, MN. May 3, 7 and 13.
- Mr. Jim Skurla from UMD Labovitz School of Business and Economics presented the results of the GLMRI projects on reutilization of dredged materials at the USACE meeting. Duluth, MN. May 12-13.
- Carol Wolosz attended the Harbor Technical Advisory Committee meeting. Duluth, MN. June 2.
- Major General John Peabody, the Commander for the USACE Great Lakes and Ohio River Division, and Lt. Col Jim Davis, Commander for USACE's Detroit District and GLMRI Advisory Board member, along with USACE staff members met with Carol Wolosz to discuss GLMRI and USACE project collaboration. Duluth, MN. June 16.
- Dr. Stewart presented a paper titled "The Critical Need for Accurate Marine Transportation Data and Analysis" at the International Joint Conference. Niagara-on-the-Lake, Ontario. June 21.
- Dr. Stewart attended the TRB-CMTS Transforming the Marine Transportation System Conference. Dr. Stewart presented a paper titled "Dedicated Funding for University Maritime Research: Issues and Opportunities" and sat on an academic panel, chaired by Dr. Sandra Knight with fellow panelists Dr. Thomas H. Wakeman, Dr. Carl James Kruse, and Dr. William H. McAnally. Irvine, CA. June 29 – July 1.



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