Selected Presentations

**Sunday, July 11**

Tour of University of Minnesota’s St. Anthony Falls Laboratory and Upper St. Anthony Falls Lock & Dam
Gina Baas, University of Minnesota, presiding  
*Sponsored by Committee on Inland Water Transportation (AW020)*

The University of Minnesota St. Anthony Falls Laboratory is the world's only fluid-mechanics laboratory that uses a natural waterfall as its prime water source. The USACE St. Paul District operates and maintains 13 locks and dams beginning at Upper St. Anthony Falls and ending at lock and dam 10 in Guttenberg, Iowa. They are designed to achieve a 9-foot navigation channel on the Upper Mississippi.

Sunday, July 11, 2010, 3:00pm- 5:00pm, Minneapolis Marriott City Center, Ballroom 3&4  
**Opening Session**  
Robert C. Johns, U.S. Department of Transportation, presiding  
*Sponsored by Policy and Organization - Group (AB000)*

Vince Barabba, State of the USA  
Report and Outlook from the Gulf Coast  
Gary LaGrange, Port of New Orleans  
Transitioning to a Performance-Based Federal Surface Transportation Policy  
Jay Etta Hecker, Bipartisan Policy Center

**Monday, July 12**

Monday, July 12, 2010, 8:00am- 9:45am, Minneapolis Marriott City Center, Ballroom 4  
**Understanding the Contributions of Freight Corridors**  
Bruce Lambert, Institute for Trade and Transportation Studies, presiding  
*Sponsored by Committee on Ports and Channels (AW010)*

**Economic Contributions of the Tennessee-Tombigbee Waterway**  
Jerry L. Sailors, Coosa-Alabama River Improvement Association

**Rail Freight Corridors**  
Libby Ogard

**Transforming Michigan into A Global Freight Gateway**  
Michael H. Belzer, Wayne State University
Monday, July 12, 2010, 10:00am-11:45am, Minneapolis Marriott City Center, Ballroom 4

**Freight Corridor Performance Measurement**
Larry G. Bray, University of Tennessee, Knoxville, presiding  
*Sponsored by Committee on Inland Water Transportation (AW020)*

**PIANC Working Group on Performance Indicators**
Bruce Lambert, Institute for Trade and Transportation Studies

**Ohio River Corridor Performance Measures**
Mark Robert Hammond, U.S. Army Corps of Engineers

**Vessel Tracking and Lock Performance**
Steven Riley, U.S. Army Corps of Engineers

**Measurement Sources for Freight Performance Measures and Indicators**
Amiy Varma, North Dakota State University

Monday, July 12, 2010, 12:00pm-1:45pm, Minneapolis Marriott City Center, Ballroom 1&2

**Luncheon**
Speaker: Thomas Sorel, Minnesota Commissioner of Transportation

Monday, July 12, 2010, 2:00 p.m.-3:45 p.m.

**Effects of Greenhouse Gas Emissions on the Global Supply Chain**
J. Michael Zachary, Parsons Brinckerhoff, presiding  
*Sponsored by Freight Transportation Planning and Logistics Committee*

**The Global Supply Chain and Greenhouse Gases: a North American Perspective**
Annie Protopapas, Texas Transportation Institute

**Air Quality Issues at North American & European Ports**
Virginia Hessenauer, Starcrest Consulting Group, LLC

**Air Quality Issues at North American & European Ports**
J. Michael Zachary, Parsons Brinckerhoff

Monday, July 12, 2010, 2:00pm-3:45pm, Minneapolis Marriott City Center, Ballroom 4

**The Future of Great Lakes Transportation**
Richard D. Stewart, University of Wisconsin, Superior, presiding  
*Sponsored by Committee on Marine Environment (AW030)*

**An Effective Ballast Water Management Program for the Great Lakes/St. Lawrence Seaway**
Craig Middlebrook, Saint Lawrence Seaway Development Corporation

**A Successful Collaborative Waterfront Planning Model**
Andrew McDonald, Arrowhead Regional Development Commission

**Green Marine: A Bi-National Industry Partnership in Maritime Environmental Management**
Ray Johnston, Chamber of Marine Commerce - Canada

**Connections 2030 – Wisconsin’s Long Range Transportation Plan**
Sandra Beaupre, Wisconsin Department of Transportation

Monday, July 12, 2010, 4:00pm-5:45pm, Minneapolis Marriott City Center, Ballroom 4

**Externalities and Safety Issues Associated with Barge Transportation vs. Other Modes**
Bruce Lambert, Institute for Trade and Transportation Studies, presiding  
*Sponsored by Committee on Inland Water Transportation (AW020)*

**Accidents and Fatalities Associated with Commercial Barge Transportation**
Douglas W Scheffler, U.S. Coast Guard

**Modal Comparisons of Truck, Rail, and Barge Transportation**
Carl James Kruse, Texas Transportation Institute

**Modal Diversion Impacts on Resident Traffic**
Larry G. Bray, University of Tennessee, Knoxville

**Willingness to Pay for Barge Transportation and Safety of HazMat Movements by Water**
Chrisman A. Dager, University of Tennessee, Knoxville
Monday, July 12, 2010, 4:00pm- 5:45pm, Minneapolis Marriott City Center, Ballroom 3
**Freight Performance Measures: Bridging Measures Between Public and Private Sectors**
Joseph G. B. Bryan, Halcrow, Inc., presiding
*Sponsored by Committee on Freight Transportation Planning and Logistics (AT015); Committee on Urban Freight Transportation (AT025)*
Federal and state governments are increasingly looking toward performance measures to improve the functioning of the transportation system and optimizing their investment strategies. How are beneficial cargo owners and carriers using performance measures, what are applications for public sector use, and what are measures the private side believes are important for the public sector? What does the public sector look to the private sector for with regard to performance measures?

**Interim Findings from NCFRP 3 Performance Measures for Freight Transportation**
Gordon D. Proctor, Gordon Proctor & Associates

**Experiences of the Freight Performance Measures Program**
Jeffrey Bradford Short, American Transportation Research Institute

**Public-Sector Perspective on Freight Performance Measures**
William Gardner, Minnesota Department of Transportation

---

**Tuesday, July 13**

Tuesday, July 13, 2010, 8:00am- 9:45am, Minneapolis Marriott City Center, Ballroom 1
**Strengthening the Value of the Commodity Flow Survey—Users Show the Way**
Scott Drumm, Port of Portland, presiding
*Sponsored by Committee on Freight Transportation Data*
Users of the CFS provide input on ways to increase value and usefulness of the CFS to the user community. After two CFS data user presentations and a description of differences between the 2002 and 2007 CFS, a listening session will provide users the opportunity to identify priorities, improvements, and where maintaining the status quo is vital.

**Using the CFS No. 1**
Joseph G.B. Bryan, Halcrow, Inc.

**Using the CFS No. 2**
Catherine Theresa Lawson, State University of New York, Albany

**Comparing the 2002 and the 2007 CFS**
Ronald J. Duych, Bureau of Transportation Statistics

**Listening to User Priorities for the CFS**

Tuesday, July 13, 2010, 8:00am- 9:45am, Minneapolis Marriott City Center, Ballroom 4
**State and Regional Freight Corridor Programs**
Mark J. Berndt, Wilbur Smith Associates, presiding
*Sponsored by Committee on Intermodal Freight Transport (AT045)*

**Indiana I-70 Corridor Study**
Keith J. Bucklew, Indiana Department of Transportation

**Minnesota's "Commerce Corridors" and "Super Haul Corridors"**
John Tompkins, Minnesota Department of Transportation

**Mississippi Statewide Freight Corridor Project**
Robby Burt, Mississippi Department of Transportation
Ohio Maritime and Freight Corridors
Mark Locker, Ohio Department of Transportation

Tuesday, July 13, 2010, 10:00am-11:45am, Minneapolis Marriott City Center, Ballroom 4
Shipper/Carrier Needs and Perspectives on Freight Corridor Programs
Gina Baas, University of Minnesota, presiding
Sponsored by Committee on Intermodal Freight Transport (AT045)

Needs and Perspectives of Small to Medium Grain Shippers
Bruce Abbe, Midwest Shippers Association

Needs and Perspectives of a Large Shipper
Richard Calhoun, Cargill Marine and Terminal, Inc.

I-70 Corridor Truck Lanes: Shipper Perspectives
John A. Gentle, John A. Gentle & Associates, LLC

Truck Drayage Practices: Analysis of Bottlenecks and Best Practices
Frank Harder, The Tioga Group

Tuesday, July 13, 2010, 2:00pm-3:45pm, Minneapolis Marriott City Center, Ballroom 4
Evaluating Risks Associated with Waterways Infrastructure Investment Decisions
Wesley W. Walker, US Army Corps of Engineers, presiding
Sponsored by Committee on Inland Water Transportation (AW020)

Upper Mississippi River Illinois Waterways System Navigation and Ecosystem Sustainability Program
Charles P. Spitzack, U.S. Army Corps of Engineers

Reevaluation of the Economics of Lock Improvement at the Soo
Marie T. Strum, U.S. Army Corps of Engineers
Michael K. O'Bryan, U.S. Army Corps of Engineers

Condition Based Risk Management of USACE Inland Navigation System
William A. Karaffa, U.S. Army Corps of Engineers, Pittsburgh District

Risks Analyzing Flows in Logistical Channels
William W. Wilson, North Dakota State University

Tuesday, July 13, 2010, 4:00pm-5:45pm, Minneapolis Marriott City Center, Ballroom 4
Strategic Research Needs in Multimodal Freight
Denver D. Tolliver, Upper Great Plains Transportation Institute, presiding
Sponsored by Marine Group - Group (AW000)

Panel Discussion
Keith Hofseth, U.S. Army Corps of Engineers
Ron Hynes, Federal Railroad Administration
Rolf Schmitt, Federal Highway Administration
Teresa Adams, University of Wisconsin, Madison
David P. Simpson, David P. Simpson Consultants, LLC