

Intermodal Freight Transport News – Spring/Summer 2002

A product of the Transportation Research Board's A1B05 Committee

In This Issue –

1. [Comments from the A1B05 Chairman](#)
2. [Upcoming Events](#)
3. [General News](#)
4. [Subcommittees](#)
5. [A1B05 Member News](#)

Comments from the Chair

Hello again; hope your spring/summer is going well. Welcome to the second edition of the A1B05 newsletter. Please join me in thanking Jack Klodzinski (jklozdzin@mail.ucf.edu) and Ed Rosen (ehrosen@mindspring.com) for another issue well done. Let Jack, Ed, or me know of your suggestions for making the next issue even better.

Thanks also to Michael Draper of Wilbur Smith Associates for putting the Newsletter on the committee Website (<http://www.wilbursmith.com/a1b05>). Please take a look at the Website—Michael has been working hard to update and expand the site.

Coming soon are TRB summer conferences in Pittsburgh and Providence; see other stories in this newsletter. I hope to see many of you at the Providence conference where A1B05 will be having its summer business meeting (July 12, 10:15 am).

I would appreciate knowing if you are planning to attend either summer conference or other TRB meetings. If you are planning to attend business meetings of other TRB committees, you may want to share news of A1B05 activities and accomplishments. I have prepared a committee “briefing sheet” to assist with such sharing, let me know if you would like a copy.

To me, “Member News” is perhaps the most interesting part of the newsletter. I appreciate learning what members are doing with intermodal freight and related activities. Thanks very much to those of you who contributed Member News items in this issue as well as the last; I look forward to seeing even more such news in the next issue.

Best regards,
Steve Kale
Chair, Intermodal Freight Transport Committee
steven.r.kale@odot.state.or.us

Upcoming Events –

Joint Summer Meeting of the Planning, Economics, Finance, Management, Freight, and Transit Committees

This conference will be held July 10-13, 2002, in Providence, RI. The conference program will focus on three main themes:

- Transportation security issues
- Social impact of transportation programs, and

- Transportation system operations.

A1B05's Paul Belella organized one of the sessions on "Transportation Security—Planning Considerations." The A1B05 committee business meeting will be on Friday, July 12, 10:15 am-12:15 pm. This will be preceded by a joint meeting from 8:00-10:00 with other freight committees participating in the conference. For more information, see:

<http://www.cvent.com/EventManagement/Summary/Summary.asp?eCode=iptlirbilbdikdlikeilrziynlic&code=&type=HomePage&tcode=>

Underground Freight Transport

The 3rd International Symposium on Underground Freight Transport (ISUFT) will be held at the Ruhr University in Bochum, Germany, September 19-20, 2002. Those interested in knowing more about this symposium should visit the Symposium Website: www.ruhr-uni-bochum.de/isuft2002/

August 1, 2002 Paper Submission Deadline for the 2003 TRB Annual Meeting

The Transportation Research Board Annual Meeting on-line paper submission website is now open for new submissions for the 2003 Annual Meeting cycle and for consideration for publication in the TRB Transportation Research Record series in 2003. Papers can be submitted for presentation and/or publication at <http://submissions.miracd.com/trb2003/> until August 1, 2002. Solicited and unsolicited papers addressing any relevant aspect of transportation research are welcome. Some TRB standing committees also publish calls for papers addressing specific subject areas (at http://www4.nas.edu/trb/annual.nsf/web/Calls_for_Papers). Submission of papers does not ensure selection for presentation at the Annual Meeting or publication by TRB.

Please refer to the Annual Meeting Information for Authors at http://www4.nas.edu/trb/annual.nsf/web/information_for_authors for detailed paper formatting guidelines and templates. Note that word counts are now required for each paper during on-line submittal.

Other Conferences

Check the TRB website for a complete listing of upcoming conferences: <http://www4.nas.edu/trb/calendar.nsf>.

General News –

The Transportation Research Board Is Moving!!!

Effective July 1, 2002 - The new mailing address will be:

TRB
500 Fifth Street, NW
Washington, DC 20001

The offices will be at the same location. To view a map of the new location click the URL below: <http://www.mapquest.com/maps/map.adp?city=washington&state=DC&address=500+Fifth+st+NW&zip=20001&country=us&zoom=8>

The phone, fax and e-mail addresses will remain the same. Please make this change to your records.

27th Annual Ports, Waterways, Freight, and International Trade Conference

This conference was held June 23-26, 2002 in Pittsburgh, PA. The following were among the topics and issues addressed at the conference:

- Recent developments in port services and operations,
- Transportation infrastructure protection and border security,
- Coastal port, inland waterway and corridor developments,
- Ferry developments,
- Trends and outlook for agricultural and energy transportation, and
- Military transportation needs and operations.

Two A1B05 members—Evie Chitwood and Carl Seiberlich—made presentations. For more information, visit the following website: <http://gulliver.trb.org/publications/conf/2002PORTS.pdf>.

New TRB Newsletter

TRB has begun an electronic newsletter to help with the exchange of research and other information among transportation professionals. The E-Newsletter will regularly cover transportation research developments in the United States and abroad. See the following for more information: <http://www4.trb.org/trb/HomePage.nsf/web/e-newsletter> and <http://www4.trb.org/trb/HomePage.nsf/web/e-newsletter>

TEA 21 Re-authorization

A number of national organizations have developed a freight agenda to support during discussions on TEA-21 reauthorization. The Intermodal Association of North America, American Association of Port Authorities, American Trucking Associations, Association of American Railroads, National Industrial Transportation League, US Chamber of Commerce, and World Shipping Council have suggested the following be included in the reauthorizing legislation:

- Protect the integrity of the Highway Trust Fund,
- Dedicate funds for National Highway System connectors to intermodal freight facilities,
- Form a national freight advisory group pursuant to the Federal Advisory Committee Act to provide industry input to the US Department of Transportation,
- Create a Freight Cooperative Research Program,
- Expand freight planning expertise at the state and local levels,
- Develop ways to increase available funds without new user fees and taxes by creating a toolbox of innovative financing options specifically aimed at freight capacity improvements and enhancements,
- Significantly increase funds for an expanded/corridor/border and gateway program,
- Streamline environmental permitting for freight projects, and
- Increase funding and promote use of the Congestion Mitigation and Air Quality Program for freight projects that reduce congestion and improve air quality.

For more information, contact Tina Casgar at the Foundation for Intermodal Research, 301-982-0691 or tina.casgar@intermodal.org.

National Freight Dialogue

Earlier this year, the Federal Highway Administration's Office of Freight Management and Operations established the National Freight Dialogue. The Web-based dialogue provides an opportunity for sharing ideas and comments on current and emerging freight issues, trends, and policies, and will help FHWA and its modal partners to identify opportunities for enhancing the operations and management of the freight transportation network.

The dialogue encourages discussion by listing questions on several topics, including data and analytical research, financing, institutional factors and planning, safety and national security, and operations/technology. Participants are encouraged to respond to the questions and to raise additional questions that advance the discussion of freight-related issues. Several A1B05 members have been active participants in the dialogue.

For additional information about posting comments and participating in the dialogue, go to: http://www.icfhosting.com/fhwa/nfd_disc.nsf/.

National Cooperative Highway Research Program

A1B05 committee members Ted Dahlburg, Jocelyn Jones, Steve Kale, and Charles Poltenson, Sr. are serving on the advisory panel for NCHRP Project 20-5, Synthesis of Highway Practice 33-12: "Freight Transportation as a Good Neighbor." They have worked with other panel members and NCHRP staff on refining the project scope of work, selecting a consultant to do the work, and reviewing work plans and other materials. Anne Strauss-Wieder of Anne Strauss-Wieder, Inc. is the consultant selected for the project, which is targeted for completion in Spring 2003. For more information about the project scope of work, see: <http://www4.nas.edu/trb/synthesis.nsf/All+Projects/Synthesis+33-12>.

The American Association of State Highway and Transportation Officials (AASHTO) Standing Committee on Research has tentatively identified NCHRP projects to be funded in fiscal year 2003. Among the projects selected is NCHRP Project 08-47: "Policy, Planning, and Programming for Goods Movement and Freight in Small and Mid-Sized Metropolitan Areas." Steve Kale prepared the first- and second-round problem statements that were used in evaluating the merits of the project for funding. After final approval of the projects, advisory panels will be selected for the projects. This will be followed by selection of a contractor to do the work. For more information on Project 08-47, see: <http://www4.trb.org/trb/crp.nsf/All+Projects/NCHRP+8-47>.

Subcommittees

A1B05 subcommittees are critical to the work of the committee. Of A1B05's 29 members, 22 have signed up to serve on a subcommittee as shown at the following: <http://www.wilbursmith.com/a1b05/subcommittees.cfm>. One of A1B05's performance measure targets is to have all committee members join a subcommittee. If you are not already on a subcommittee, please help your fellow members meet this performance target by signing up soon. For more information, contact a subcommittee chair or Steve Kale. Subcommittee chairs are shown below; contact information is available on the committee Web page.

Internal TRB Liaison—Ann Aylward and Jocelyn Jones
External Liaison—Gerhardt Muller
Communications—Mark Berndt and Ed Rosen
Research—Paul Belella and Mike Onder
Membership—Jennifer Clinger

A1B05 Member News

A1B05 Member Jim Brogan Receives 2001 C.V. Wootan Memorial Award in Transportation Policy and Planning

The Council of University Transportation Centers (CUTC) awarded the C.V. Wootan Memorial Award in Transportation Policy and Planning to A1B05 (under 30) member Jim Brogan, a Freight Analyst with Cambridge Systematics, for 2001. Jim received the award for his thesis entitled "Establishing a Foundation for Statewide Freight Planning" which he completed at the University of Virginia in 2001.

The major transportation research centers and institutes in the United States established the Council of University Transportation Centers (CUTC) in 1979. CUTC promotes continued dialogue among its member institutions, and it provides a forum for the centers to interact collectively with government and industry. CUTC's goal is to strengthen the role of transportation research and education, both within and outside the university environment. For additional information, please visit the CUTC website at: <http://cutc.tamu.edu>

Admiral Carl J. Seiberlich Award

Committee member Carl Seiberlich received the first annual "Admiral Carl J. Seiberlich Award" on April 27, 2002. The Intermodal Freight Technology Working Group presented the award aboard the RMS Queen Mary in Long Beach, California, in recognition and appreciation of Carl's vision, leadership, and dedication in promoting the deployment of Intelligent Transportation System applications that improve global intermodal freight movements. The Intermodal Freight Technology Working Group, which was founded in 1997 as a partnership between ITS America and the US Department of Transportation, will present the award each year to a candidate chosen by the working group's awards committee. For more information about the award and Carl's many accomplishments, see the ITS America press release at: <http://www.itsa.org/press.html>.

Freight Data Training Using Reebie Data

During the 2001-2002 Work Program, the Syracuse Metropolitan Transportation Council (SMTC) worked with other New York State MPOs on Reebie Freight Data Training. This was a statewide initiative coordinated with the twelve New York State Metropolitan Planning Organizations (NYSMPO's) and managed by the SMTC. The purpose of this project was to develop a training course on the use of Reebie data to enhance analysis and understanding of freight movements in each respective metropolitan area. The Reebie data set was developed in 1996 and was based upon Commodity Flow Surveys as well as proprietary industry data. Training courses were held twice in Syracuse (March 11th and April 10th) and in Albany on March 25th. Sessions included:

- Overview of Freight Traffic in NY State
- Understanding the TRANSEARCH Database
- Freight Policy & Planning in the Public Sector
- MPO Case Study: Rochester, NY
- Analytic Tools for Viewing Freight Trends
- Supplementing the TRANSEARCH Database
- Forecasting using TRANSEARCH
- Case Study: MetroPlan Orlando

The average ratings of the sessions by the attendees were relatively high. The one area that was noted however, was the fact that numerous attendees did not see the relevance to their jobs. The latter would relate to either the lack of the proper planner in attendance or a need for greater comprehension of the freight sector in the MPO planning arena. For further information on the project call Charles A. Poltenson, Sr., Senior Intermodal Planner, Syracuse Metropolitan Transportation Council (315) 422-5716 or cpoltenson@smtcmpo.org.

Northwest Freight Mobility Conference – “Moving Our Economy”

In October 2001 the Puget Sound Regional Council co-sponsored with HWA/DC, the Ports of Seattle and Tacoma, WSDOT, and others, the Northwest Freight Mobility Conference – “Moving Our Economy”. Included was an update on the Regional Freight Mobility Roundtable and the Freight Action Strategy (FAST) Corridor. This example, supported by videotaped interviews, served as the case study developed by the University of Denver Intermodal Transportation Institute for the Asia Pacific Economic Cooperative (APEC) intermodal transportation working group annual meeting in April 2002 in Manila, Philippines. In May, A1B05 member Pete Beaulieu, PSRC, and the regional team also completed a FAST Phase II proposal of additional rail grade separations serving the ports, combined with selected roadway and ITS actions. For additional information, check out the PSRC website at: www.psrc.org

Delaware Valley Regional Planning Commission Joint Rail Freight Seminar

In May, the Delaware Valley Regional Planning Commission hosted more than 200 railroad professionals for the 2002 Pennsylvania Joint Rail Freight Seminar. The three-day conference featured expert speakers, exhibits, and a scholarship award. The conference theme, *A Proud History, A Secure Future*, set the context for celebrating the state's rich freight railroading heritage while examining tough security issues in the post 9/11 world.

A true highlight for the conference attendees was a four-hour train tour of rail, port, and industrial facilities in Philadelphia. The train included two historic locomotives, a business car used by several U.S. Presidents, and a lounge car fully stocked with soft pretzels. The excursion offered breathtaking views, attracted elected officials, and was augmented with narration and a special trip book prepared by DVRPC.

Copies of many of the formal presentations made at the seminar can be accessed through the transportation section of the DVRPC web page (dvrpc.org). DVRPC's assistance with the 2002 seminar is emblematic of its commitment to addressing goods movement issues in all aspects of its transportation and land use planning work. For addition information, you may contact Ted Dahlburg (tdahlburg@dvrpc.org).

Study Investigates Movement of Heavy Trucks Generated by Florida Seaport Freight Activity

Jack Klodzinski and Haitham Al-Deek are completing the research investigating the movement of heavy trucks generated by Florida Seaport freight activity. The Port of Tampa (one of the largest tonnage ports in the nation) and Port Canaveral (the nation's first quadramodal port) were included in this research endeavor. The objectives were to model the heavy truck traffic generated by port vessel freight activity. Truck trip generation models for both ports were developed using an artificial neural network (ANN) toolbox from the MatLab software package. These ANN models provide the daily number of trucks inbound and outbound at the port based on the daily freight vessel activity. A road network adjacent to each port was defined. Two micro simulation models (CORSIM and VISSIM) were utilized in modeling the defined networks for determining the routes of port generated heavy truck traffic. The ANN models also have the ability to forecast the daily number of trucks using forecasted vessel freight data. These short-

term forecasts of the daily trucks were also used in the developed models to determine a short term forecast of the expected number of peak hour trucks on the adjacent road networks to the port. The final report to FDOT is currently being completed and two research submissions are expected for TRB 2003. For more details on this study, you may contact Jack Klodzinski (jklozdzin@mail.ucf.edu).

Atlas of Oregon

The University of Oregon Press recently published the second edition of the Atlas of Oregon. First published in 1976, the atlas covers a variety of topics under the general headings of Human Geography, The Economy, and Physical Geography. Steve Kale wrote sections on roads, railroads, public transportation, and ports and trade. More information about the atlas is available at: <https://millrace.uoregon.edu/uopress/index.cfm>. Steve also wrote freight-related sections in the Oregon Department of Transportation's 2002 edition of Key Facts, a summary of information about transportation in Oregon. For more information, see: <http://www.odot.state.or.us/comm/2002keyfacts.pdf>.

In April 2002, Steve received an ODOT "Excellence Award." ODOT employees nominate other ODOT employees for this award based on their contributions in a wide variety of areas such as customer service, leadership, problem solving, and teamwork.

A1B05 Friends News –

Company Offers New Freight Pipeline Technologies for Early Commercial Use

Dr. Henry Liu, Professor of Civil Engineering and Director of Capsule Pipeline Research Center at University of Missouri-Columbia, started to show an interest in the activities of this Committee a year ago. His expertise is in freight transport by pipelines, especially by capsule pipelines. Liu served in the past as the President of International Freight Pipeline Society (IFPS), and the Chairman of the Pipeline Research Committee of ASCE (American Society of Civil Engineers). He also was the Chairman of ASCE's Task Committee on Freight Pipelines, which published a Task Committee Report entitled "Freight Pipelines: Current Status and Anticipated Future Use," *Journal of Transportation Engineering*, Vol.124, No.4, pp.300-310. Most recently, Liu retired from University of Missouri, and started a new company-Freight Pipeline Company-to bring new freight pipeline related technologies to early commercial use. For more information, see the following website: www.freightpipelinecompany.com.