Recent TRB Publications

- *Military Deployment and Commercial Transportation Services*, TR News Number 231, March-April 2004,


- *Freight Policy, Economics, and Logistics; Truck Transportation*, TR Record 1833 (2003)


- *Effective Commercial Truck and Bus Safety Management Techniques*, CTBS Synthesis 1

- *Security Measures in the Commercial Trucking and Bus Industries*, CTBS Synthesis 2

- *Highway/Heavy Vehicle Interaction*, CTBS Synthesis 3

For a more extensive list of TRB truck-related publications, please search the online Bookstore at [http://64.118.69.9/acb1/Webpage.cfm?&DID=92&WebPage_ID=4](http://64.118.69.9/acb1/Webpage.cfm?&DID=92&WebPage_ID=4)

### Standing Technical Committees

Here are a few examples of trucking-related committees. For complete information on committees, see [http://gulliver.trb.org/directory/](http://gulliver.trb.org/directory/)

#### Motor Vehicle Size and Weight (AT055)

Scope: This committee is concerned with the issue of motor vehicle size and weight, and the problems associated with larger and heavier trucks. It is concerned with the social, economic and political factors related to motor vehicle size and weight; the interrelationships of larger loads with pavements, shoulders, structures, facility capacity, safety and the environment; and the effects of changing vehicle dimensions on carrier and highway economics, on other modes of freight transport, and on labor and management.

#### Trucking Industry Research Task Force (AT060T)

Website: [http://www.ndsu.edu/ndsu/trb/index.php](http://www.ndsu.edu/ndsu/trb/index.php)

Scope: The task force is concerned with a broad range of issues related to the trucking industry that require a multidisciplinary approach to developing a research agenda. The task force will focus its efforts on cross-cutting industry issues, such as business economics, operations, logistics, shipper/carrier/consignee issues, and labor market and human resource issues. Through cooperative efforts with other relevant TRB committees and outreach and education efforts to the trucking industry and to public sector agency officials, the task force will develop a trucking research agenda.

#### Intermodal Freight Transport (AT045)

Website: [http://www.wilbursmith.com/a1b05](http://www.wilbursmith.com/a1b05)

Scope: The scope of this committee includes all aspects of research pertaining to intermodal freight transport. Attention will be given initially to rail-water, rail-highway, highway-water, and highway-air modal combinations, but other combinations may be considered later. As used here, intermodal freight transport includes all shipments that employ more than one mode in a single through movement from origin to destination;
local pick-up and delivery by truck for others not included. Consideration of rates, routes, services, transfer facilities, containers, and other items that impact the movement of freight in intermodal transport are included.

**Freight Transportation Economics and Regulation (AT010)**
Website: [http://webboard.trb.org/~A1B06](http://webboard.trb.org/~A1B06)

Scope: The scope of this committee includes all aspects of research pertaining to domestic and international surface freight transportation economics and regulation. Consideration will be given to research into the impact of regulation on social, public, and private costs and benefits; among the various modes; on regulated vis-à-vis unregulated carriers; and on technological change.

**International Trade And Transportation (AT020)**
Website: [http://webboard.trb.org/~A5006](http://webboard.trb.org/~A5006)

Scope: This committee will be concerned with research, management, and regional, national or international policy issues associated with international trade and transportation (inter-country movements and their domestic connections); trends and market forces in trade and international transportation; technological, economic, financial, institutional, or managerial innovations; and barriers to international trade in transportation goods and sciences.

**Urban Freight Transportation (AT025)**
Scope: The committee is concerned with the study and research of urban freight transportation topics and issues, including urban transportation system demand and economic relationships, right-of-way issues, pick-up and delivery needs, terminal transportation needs, institutional challenges, and new technology, with an emphasis on providing support to practitioners.

**Agricultural Transportation (AT030)**
Scope: This task force is concerned with infrastructure, economic, institutional, operational, equipment, technological, and capacity issues influencing and affecting the movement of agricultural products by all modes of transportation. While the emphasis will be on North American transport systems, consideration will also be given to international developments that have an impact on the global market for U.S. agricultural products.

**Highway Traffic Monitoring (AFD30)**
Scope: This committee is concerned with all aspects of research in the fields of in-motion weighing, counting, and classification of highway vehicles. Its stimulation and dissemination functions may extend to dynamic vehicle axle loadings and automatic vehicle identification, as well as other areas to improve the accuracy of vehicular flow estimates; it will also extend into the application of weigh-in-motion technology and the utilization of data there from in the design and reconstruction of pavements and structures.
Truck and Bus Safety (ANB70)

Scope: This committee will focus on motor carrier safety in all its aspects. This will include research and evaluation in human, roadway, vehicle, operational, organizational, and regulatory arenas as they relate to motor carrier safety.

Transportation of Hazardous Materials (AT040)

Website: [http://projects.battelle.org/trbhazmat/](http://projects.battelle.org/trbhazmat/)

Scope: This committee is concerned with the protection of human health and the environment through the safe packaging, handling and transportation of hazardous materials, and effective response to hazardous materials incidents. The focus will be on risk management process development; type and extent of hazards associated with materials shipments; conditions and forces encountered during transportation of hazardous materials; consequences associated with hazardous materials transport incidents; legal and regulatory controls affecting hazardous materials; support and training for state and local hazardous materials transportation and emergency response personnel; sources of information to support analysis, planning and response; tools and technology to support risk assessment; and risk communication.

Midyear committee meetings


- Truck and Bus Safety Committee will hold a meeting on September 9 in Washington, DC.

Conferences


- **International Truck and Bus Safety Symposium**, Spring 2005
NCHRP Study Underway

- Heavy-Duty Vehicle Emissions (25-14)

NCHRP Synthesis Project

- Bridge Rating Policies and Practices for Overweight Vehicles (36-01) – upcoming, Fall 2004

Commercial Truck and Bus Safety Synthesis Program

http://www4.trb.org/trb/crp.nsf/reference/appendices/ctbssp

Projects underway:

MC-04, Individual Differences and the "High Risk" Commercial Driver

MC-05, Training of Commercial Motor Vehicle Drivers: Best Practices

MC-06, Effective Motorcoach Industry Hours of Service and Fatigue Management Techniques

MC-07, Operational Differences/Similarities Between the Motorcoach, School Bus, and Trucking Industries

MC-08, Commercial Motor Vehicle Driver Safety Belt Usage

MC-04 through MC-07 will be completed in the Fall 2004. MC-08 will be completed in the Spring 2005.

Safety IDEA Program

http://www4.trb.org/trb/dive.nsf/web/Transportation_Safety_Technology_IDEA

The Safety IDEA program is jointly sponsored by the Federal Motor Carrier Safety Administration and the Federal Railroad Administration. The U.S. Department of Transportation has set aggressive goals for reducing fatalities and injuries by the year 2010. To this end, the sponsors have provided funding for projects that promote innovative approaches to improving railroad, intercity bus, and truck safety. The program encompasses vehicle improvements, operator performance, and alertness improvements; operational practices; and hazard reduction, among other interest areas.
FMCSA workshops and conference

• FMCSA Research and Technology: Synergy in Partnerships Workshop, held in conjunction with TRB Annual Meeting, Sunday, January 11, 2004

• Future Truck and Bus Safety Research Opportunities Conference
  October 26-27, 2004, Washington, DC (by invitation)
  The purpose of this conference is to investigate possible directions and trends in truck and bus safety, then develop research scenarios to address these future prospects. Invited speakers will present white papers on developing the safety directions and trends, and the conference participants will develop the research scenarios.

TRB Annual Meetings

2004 – Some examples of session topics included the following:

• Innovations in Motor Carrier Safety Management: Efforts at Self-Regulation and Industry Perspectives
• Regional solutions for Accommodating Contemporary Commercial Vehicles
• Domain of Truck and Bus Safety Research
• Safety: Management, Licensing, and Trucks
• Hazardous Materials Transportation Security
• Highway Traffic Monitoring
• Focus on Freight Systems: Where is Freight Demand Going? and How will Carriers Respond?

2005 – January 9-13, session planning is now underway. All committee meetings are open to all interested Annual Meeting participants.

TRB Information Sources

Website: http://trb.org/

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