

**TRB COMMITTEE ON TRUCK & BUS SAFETY (ANB70)
AND SUBCOMMITTEES ANNUAL MEETING AGENDAS
JANUARY 2018**

Committee Meeting Time & Place

Tuesday, January 9, 2018: 1:30 PM- 5:30 PM Eastern Time
Marriott Marquis, Marquis Ballroom Salon 10 (M2)
Brenda Lantz, North Dakota State University, presiding

Committee Agenda

1. **Welcome & Introductions – All**
2. **Review of Mid-Year Meeting 2017 Notes – Erin Mabry**
 - a. Posted at: <http://www.ugpti.org/trb/truckandbus/meetings/>
3. **Paper Review Summary and Discussion**
 - a. 2017-2018 Papers Summary – Bob Scopatz and Brenda Lantz
 - b. 2016-2017 Deborah Freund ANB70 Paper Award – Bob Scopatz, Jerry Krueger, and Jeff Hickman
 - i. *Paper 17-03127* - Transfer of Training in Basic Control Skills from a Truck Simulator to a Real Truck
 - ii. *Authors:* Pierro Hirsch, Virage Simulation; Mohamed-Amine Choukou, Department of Rehabilitation, Quebec; François Bellavance, Department of Decision Sciences, Quebec
4. **Committee Membership**
 - a. Thank you to recent past members!
 - b. Welcome to new members / new roles!
5. **Direction and Scope of the Committee – Brenda Lantz, Bob Scopatz, and Joel Ticatch**
 - a. Possible ad-hoc committee to review and offer suggestions
6. **Committee Communications – Brenda Lantz and Erin Mabry**
 - a. Website / Communications Coordination
 - i. Erin Mabry - Committee Communication Coordinator
7. **FMCSA Report - Safety Research Initiatives – Steve Smith**
 - a. FMCSA Data Repository - Rebecca Hammond, VTTI
8. **FMCSA Report - Policy and Rulemaking Initiatives – Tom Yager**
9. **NHTSA Report – Alrik Svenson**
10. **NTSB Report – Rob Molloy**
11. **CVSA Report – Will Schaefer**
12. **Association briefings / potential research needs**
 - a. Michael Cammisa, VP, Safety Policy & Connectivity, ATA
 - b. Tom Weakley, Director of Operations, OOIDA

- c. Brandon Buchanan, Director of Regulatory Affairs, ABA
- 13. Subcommittee Reports**
 - a. Alternative Compliance – Sharon Newnam
 - b. Technology – Abby Morgan
 - c. Truck and Bus Safety Data Needs – Bob Scopatz
 - d. Truck and Bus Operator Health and Wellness – Jeff Hickman
 - e. Motorcoach Safety – Charlie Vits
- 14. Research Coordination/Needs Statements – Nicholas Kehoe**
 - a. Research Needs Statements (RNS) Database - <http://rns.trb.org/>
- 15. Update on the activities of the SSUG Young Member Council – Nicholas Kehoe**
- 16. TRB Updates – Bernardo Kleiner**
 - a. Spotlight theme for the 2018 meeting: *Transportation moves the economy of the future*
- 17. 2018 Mid-Year Meeting and 2019 Annual Meeting Activities and Plans/Ideas – All**
- 18. Roundtable discussion – All**
 - a. An Empirical Analysis of Truck Driver Hours and Testing an Economic Theory for Why They Work Long Hours
 - i. Presenter: Dr. Mike Belzer, Associate Professor, Department of Economics, Wayne State University
 - b. Innovative approaches to Large Truck Safety in Ontario
 - i. Presenter: Patrick A. Byrne, Ph.D., Ontario Ministry of Transportation
 - c. Other recent research projects / topics of interest
- 19. Additional Business and Announcements – All**
- 20. Adjournment**

Subcommittee Meetings Agendas

1. Motorcoach Safety Subcommittee

Monday 10:15 AM- 12:00 PM

Marriott Marquis, Marquis Ballroom Salon 13 (M2)

Charles Vits, IMMI, presiding

- Welcome and Introductions
- Review of significant safety related events in past year
- Discussion on future direction of committee in relation to Truck and Bus committee
 - Desire to expand the scope of the committee beyond motor coaches to include other types of multi-passenger vehicles
- Research Needs Statement proposals
- Close

2. Truck and Bus Data Subcommittee

Monday 1:30 PM- 3:15 PM

Marriott Marquis, Marquis Ballroom Salon 8 (M2)

Robert Scopatz, VHB, presiding

- Welcome and Introductions
- Review of Data-related portions of the “Domain” white paper e-Circular
- Data sources/resources discussion
- Research Needs Statements
- New subcommittee chair

3. Motor Carrier Alternative Compliance

Monday 6:00 PM- 7:30 PM

Marriott Marquis, Marquis Ballroom Salon 8 (M2)

Sharon Newnam, Monash University, presiding

- Welcome and Introductions
- Review of minutes from mid-year meeting
 - Incentives for carriers to participate in in-vehicle technology research
 - Some material covered in FMCSA update
 - Effectiveness of accreditation programs
 - Paul Ryan to comment on Australian initiatives
 - Best practice frameworks
 - Is there any new evidence?
 - Expanding the scope of the committee
 - Separate agenda item
- Update from FMCSA on Beyond Compliance Program
 - Gene Bergoffen
- A system approach to the safety management of truck drivers
 - Sharon Newnam – system-based approach to crash investigations
 - Michael Belzer – work-stress factors associated with truck crashes
- Expanding the scope of the committee
 - Formally considering safety management in the committee name
 - Partnering with existing agencies/initiatives
 - Mission statement of the subcommittee
- Open discussion on research needs and next steps

4. Truck and Bus Technology Subcommittee

Wednesday 8:00 AM- 9:45 AM

Marriott Marquis, Marquis Ballroom Salon 13 (M2)

Abby Morgan, Kittelson & Associates, Inc. (KAI), presiding

- 8:00-8:15 am – Introductions & Review of existing Research Needs Statements
- 8:15-8:35 am – *Evaluation of Ontario's Large Truck Speed Limiter Legislation*
 - Patrick Byrne, Ph.D., Road Safety Research Office, Safety Policy and Education Branch, Ministry of Transportation of Ontario
 - In 2009, Ontario implemented legislation compelling large truck (Gross Vehicle Weight Rating > 11,793 kg) operators to set speed limiters on their vehicles to a maximum of 105 km/h (65 mph) when operating within the province.
 - Here I will present results from a recently completed evaluation of the overall road safety impact of this legislation performed by the Road Safety Research Office of the Ontario Ministry of Transportation.
 - In addition, I will discuss some areas that require further investigation, as well as areas where new or improved technology could be of benefit.
- 8:40-9:00 am – *Wyoming's Connected Vehicle Pilot Deployment Program*
 - Abby Morgan, Ph.D., P.E., Connected and Automated Vehicle Project Lead, Kittelson & Associates, Inc.
 - The US Department of Transportation's (USDOT) Connected Vehicle (CV) Pilot Deployment Program is a national effort to design, deploy, and test state-of-the-art vehicle-to-vehicle (V2V), vehicle-to-infrastructure (V2I), and mobile device CV applications. This program awarded more than \$45 million to three sites (Tampa, Wyoming, and New York City) for prototyping and testing various technologies for improving mobility and safety.
 - The Wyoming CV Pilot Deployment will develop and test various technologies for improving freight delivery reliability in a rural setting. The deployment aims to reduce the impact of adverse weather on travel along the 402-mile-long I-80 corridor in Wyoming by deploying several CV applications to support advisories, roadside alerts, and dynamic travel guidance for freight and passenger vehicles.
 - I will explain the Wyoming deployment goals, CV applications, performance measures, and overall pilot plans.
- 9:00-9:20 am – Questions and Discussion
- 9:20-9:45 am – New Research Needs Statement Discussion

5. Truck and Bus Operator Health and Wellness Subcommittee

Wednesday 10:15 AM- 12:00 PM

Marriott Marquis, Marquis Ballroom Salon 13 (M2)

Jeffrey Hickman, Virginia Polytechnic Institute and State University, presiding

- 10:15a-10:25: Introductions
- 10:25a-55a: Dr. Guang Chen: Delivery schedules linked to job satisfaction, opinions on safety regulations/laws, and regulation/laws compliance, NIOSH Survey of U.S. Long-Haul Truck Driver Health and Injury.
- 10:55a-11:10a: Dr. Karl Sieber: New NIOSH Health Research Initiative
- 11:10a-11:40a: Dr. Erin Mabry: Update on Commercial Driver Individual Safety Risk Factors study
- 11:40a-noon: Discussion and comments on National Occupational Research Agenda for Transportation, Warehousing and Utilities