

TRB COMMITTEE ON TRUCK & BUS SAFETY (ANB70)
MID-YEAR MEETING
September 30, 2014
10:30 AM – 3:00 PM Eastern

Location

Keck Center of the National Academies, Room 208
500 Fifth St., NW, Washington, DC 20001

1. **Welcome & Introductions – All**
2. **Review of Annual Meeting 2014 Notes – Erin Mabry**
 - Posted at: <http://www.ugpti.org/trb/truckandbus/meetings/>
 - No comments/corrections to the Annual Meeting Minutes
3. **FMCSA Report - Safety Research Initiatives – Steve Smith**
 - Review of recently released reports-also available on FMCSA website
 - E-logging devices and safety benefits
 - Pocket Guide for Large Truck and Bus Statistics
 - Upcoming reports and projects
 - Estimates of driver detention time
 - Entry level driver training and safety
 - Driver compensation
 - Naturalistic driving study
 - HOS follow up
 - Flexible use of sleeper berth provision
 - National Academy of Science-research methodology/statistical approaches to driver fatigue/health research
 - Research Forum at TRB on Jan. 13
 - Q:A
 - Driver compensation study, bus may be included as scope is refined.
 - Committee on National Statistics panel report on driver fatigue research anticipated early 2015
4. **NHTSA Report – George Soodoo and Abby Morgan**
 - Crash avoidance projects
 - ESC for heavy vehicles-final rule to be published in 2015
 - Heavy truck tires-publish final rule
 - Advanced Crash Avoidance Technology Research
 - Forward Collision Warning, Crash Imminent Braking, Lane Departure Warning naturalistic study

- Final results late 2015
- Heavy V2V Research
 - Agency decision 2015
 - Basic Safety Message is basic positional location and speed
 - Collision avoidance involves both V2V (focus) and V2I
- Crashworthiness Projects
 - Heavy vehicle event data recorders-agency decision late 2014
 - Lap/shoulder belts on motorcoaches-final rule 2013, three (3) petitions for reconsideration
 - Motorcoach rollover structural integrity-proposed rule, review and comments
 - Improve glazing and window retention in motorcoaches-research report published, proposal being developed
 - Motorcoach Emergency Evacuation-upgrading evacuation standards, project on hold until improved glazing and window retention work is complete
 - Motorcoach Fire Safety-upgrading fire standards, receiving and reviewing final results
 - Motorcoach Interior Impact Protection-complete countermeasures study 2015
 - Compartmentalization Safety Countermeasures for Motorcoaches-complete research program 2015
 - Q:A
 - Request copy of slides
 - For cost benefit analysis, metric for crash harm is # fatalities, # injuries mitigated / lives saved
 - Interior fire retardation project, report available in docket

5. Paper Review Summary and Discussion

- 2014-2015 Papers Summary – Bob Scopatz and Brenda Lantz
 - 18 papers - 13 submitted for both publication and presentation, 1 for just publication, and 4 for just presentation
 - Based on reviews, 3 rejected for both, 1 rejected for publication (accepted for presentation), 11 for revisions and presentation and 3 more for just presentation
 - Total of 14 for poster presentation
 - Issue raised of reviewers waiting last minute to review-suggestion to start earlier!

- Suggestion to reviewers to volunteer for papers rather than wait for assignments-can choose topics of expertise/interest
- New review system in progress for next year
- Bernardo warned to watch the presentation and publication ratios of papers accepted to those submitted
- Suggestion for stats heavy papers-look for resources for help
- Seeking volunteers for review next year
- 2013-2014 Award – Bob Scopatz, Jerry Krueger, and Jeff Hickman
 - ANB70 Paper Award to: 14-1125 - Evaluation of Truck Impact Hazards for Interstate Overpasses

6. Committee Membership

- Full membership!
- Welcome to new members – Brenda Lantz
 - Fraser McGuire – Young Member; Senior Safety Research Advisor with the Ministry of Transportation of Ontario
 - Research focus-impaired driving, drug/alcohol, fatally injured drivers, large truck and bus distraction, speed limiters.
 - Brandon Buchanan - Director of Regulatory Affairs, American Bus Association
 - Had had prior involvement with TRB

7. Committee Communications – Brenda Lantz

- Website / Communications Coordination
 - <http://www.ugpti.org/trb/truckandbus/>
 - Erin Mabry is our Committee Communication Coordinator
 - Tips and information are at: <https://sites.google.com/site/trbcc/Home>
 - Upcoming events, subcommittee information, meeting minutes, presentations, etc.

8. FMCSA Report - Policy and Rulemaking Initiatives – Tom Yager

- Senior Management changes:
 - Anne Ferro to AAMVA
 - Acting Administrator: Scott Darling
 - Deputy Administrator to end of 2014: Bill Bronrott
 - Chief Safety Officer and Assistant Administrator: Jack Van Steenburg
- Data
 - Interconnectivity and new processes initiated
 - Registration of Motor Carriers (MC): report company data to FMCSA
 - Insurance and licensing of for-hire MCs.

- Police accident reports (PARs)-efforts underway to improve quality of reports
- Roadside Inspections of commercial motor vehicles (CMVs) and drivers.
- Audits of MCs
- Driver Medical Certification; National Registry of Certified Medical Examiners (MEs): online registration, testing, and training program
 - Prevents ME “shopping”
 - Online licensing in the works
 - Has uncovered unlicensed medical examiners
 - Enables identification of chameleon carriers (companies ordered out of business and startup again under a different name).
- CSA-quickly identify/address high risk truck/bus co. with compliance concerns by providing more precise info when assessing safety performance
 - Can look up MC by DOT# and view scores
 - Publicly available
 - Limit audit area and identify problem MCs
 - Not all MCs in support of
 - Dan Murray: Question on relationship between CSA score relationship with safety outcomes, stats question. A: scoring for inspections and violations
 - Efforts to analyze data mining projects
- Rulemaking
 - Several steps of approval before rule is made
 - Entry level driver training-currently no official training required to obtain commercial driver’s license (CDL)
 - Safety fitness determination-rating system, rulemaking in progress
 - Drug test failures reported to database
 - EOBR now called Electronic Logging Device (ELD)-no rule on the books
 - Rulemaking team working on this-delayed compliance date of final rule
 - Many MCs will be mandated to use ELDs
 - George: Driver training at NHTSA-1979 study on driver training. Results: cost benefit, not worthwhile, schools drop driver training

9. NTSB Report – Robert Molloy

- Personnel changes
 - Chairman Hersman to NSC
 - 4 Board Members
 - Acting Chairman Hart
 - Nominated Member-Dr. Bella Dihn-Zarr: highway perspective
- Completed investigations
 - Midland TX Report
 - Float struck by train, 2012, 4 fatalities, 11 injured
 - Driver escorted throughout parade
 - Recommendations on Parade safety/planning
 - FMCSA Recommendation Letter
 - Asks DOT to review FMCSA review of compliance reviews of carriers; examine effectiveness of focused reviews
 - Motorcoach Accidents
 - Fatigued Driver Accidents
 - Tractor Trailer Safety Issues Recommendation Letter
 - Mt. Vernon WA Bridge collapse, oversize truck stuck on bridge
 - No fatalities
 - Safety systems in place, although all systems failed
- Ongoing investigations
 - Rosedale, MD-waste truck crossing over railroad X, hit by train, train derailed, explosion, damage ½ mile radius, report finalized w/in month; hands free cell phone, private crossing maintenance issues
 - Naperville, IL-disabled truck in right travel lane. Tollway assistance truck approached and state police. Truck hit patrol car, fire, steel coils hit toll truck and toll truck driver killed; report in spring 2015
 - Orland, CA- FedEx truck crossover meeting, hit group of prospective college students; accident report July 2015
 - Cranbury, NJ- Limovan with Tracey Morgan and other comedians hit by tractor trailer, FCW on truck
 - Red Lion, DE-motorcoach turnover on exit ramp
 - Davis, OK-truck crossover median
 - Cross median crashes prevalent, no barriers in place
- Other projects
 - Special investigations
 - Bus onboard videos

- Rear end collision prevention-update recs from 2001
- Forum/symposium
 - Drowsy driving-Oct 21
 - Passenger vehicle tire safety-Dec 10
- Q: A
 - Ron K-Cases, no controls; cost benefits-how do you deal with these issues? A: NTSB doesn't address cost benefit-safety focused; case control studies-would like to do in highway, limited by # of investigators. Recommendations not based on single, isolated cases

10. CVSA Report – Steve Keppler

- CVSA Annual conference - 34 action items
- A number of changes to the Out of Service Criteria
 - Temporary seating in motorcoaches
- Commercial driver fatigue-petition rulemaking to FMCSA
 - Enforcement needs to have more tools for fatigued driving
- English language proficiency
 - Petition to FMCSA-tools for enforcement
- Recommending adjustments to the DataQ Guidance manual to FMCSA relating to HOS violations
- Challenges with medical card and CDL integration at roadside, sending a letter to AAMVA recommending best practices be implemented
- Beyond compliance-recommend FMCSA conduct pilot test for feasibility
- CSA and public display issue is a discussion item for action
- Continued challenge for industry-have all information related to drivers and licensing privileges being removed in certain jurisdictions and industry not knowing
- New technology, truck OEM, dynamic systems for traction control-reduces air in air ride suspension system. Safety impacts of technology and what it does roadside
- Operation safe driver mobilization week-Oct 19-25
- Online tool kit for carriers, drivers, enforcement: training resources
- Roadcheck program

11. Subcommittee Reports

- Review of annual subcommittee meetings, any updates since then, and plans for the 2015 Annual Meeting
- Truck and Bus Operator Health and Wellness – Jeff Hickman
- Truck and Bus Safety Data Needs – Bob Scopatz

- Intend to send email to committee members, kinds of things should be working on. Strategic planning for committee, mini version. Similar session this year as last. 1-2 presentations, issues on data needs, next steps open discussion
- Motorcoach Safety – Brenda Lantz
 - Seeking chair for this subcommittee
- Alternative Compliance – Gene Bergoffen
- Technology – George Reagle
 - Area to pursue-more technology in fleets
 - Phone conversation with committee before TRB
 - Grant programs to help fleets with technology costs-research driven grants
 - Alternative compliance issue moving forward
- Driver Training – Tom Weakley
 - Not supported by FMCSA
 - Notice of intent-explore feasibility of conducting negotiated rule-making-entry level driving training-hash out an agreement-on hold due to litigation issues
 - Little interest in showing benefits of more rigorous driver training

12. Research Coordination/Needs Statements – Ron Knipling

- The committee has 20 RNSs in the TRB RNS website, making it in the top 10% of committees in regard to number.
- 19 of the 20 are specific research ideas while the 20th is a summary of the 19, plus 24 other research need ideas contributed by committee members.
- Last spring the summary sheet was disseminated to all committee members and friends. They were asked to disseminate the document further to any interested parties, particularly research funding organizations.
- We sent Word files of the all the RNSs to FMCSA, where they were distributed within the agency for consideration.
- We want ideas from everyone; if you are a member or friend of this committee, you must have ideas or concerns about specific research which should be performed.
- You can start by simply submitting a short description in the form of a project title and one-sentence description to Brenda and/or Ron. These can be added to our summary sheet.
- We hope that many of the short ideas can be expanded into full RNSs.

- Any member or friend can write one. After a preliminary review by Brenda, Ron, and selected others (e.g., relevant subcommittee chairs), it will go to the full committee for review. After revision, it will be put up on the TRB site.
- We will distribute a revised summary sheet at the January meeting.

13. TRB Updates – Bernardo Kleiner

- Possible “Deborah Freund Exceptional Service Award” – TRB guidelines
 - Within committee recognize annual best paper award, name after Deborah.
- MyTRB site overview (<http://www.mytrb.org/>)
 - All subcommittees listed?
 - Any other questions?
 - Slow-going adoption of site
- 2015 Annual Meeting – new venue reminder
 - Reference “2015 TRB Annual Meeting Fact Sheets.docx”
 - Registration open

14. 2015 Annual Meeting Activities and Plans – All

- Committee and Subcommittee meetings
 - All occurring this year
- FMCSA sessions and Poster session
- Continue to have Association briefings / potential research needs at Committee meeting?
 - ATA, OOIDA, ABA – any others?

15. Roundtable discussion – All

- Recent research projects / topics of interest
- Mike Belzer reported that he has developed a session to be sponsored by AT010 (Freight Transportation Regulation and Economics" on "Safe Rates" and "Chain of Responsibility". This session will feature Tony Sheldon, General Secretary of the Transport Workers Union of Australia and additional representatives from the Australian government and trucking industry. The session has full support of the foregoing committee and may have support from the Committee on Trucking Industry Research in the form of an additional session sponsorship. He encouraged the Truck and Bus Safety Committee to co-sponsor this session in order to reach a wider audience.

16. Additional Business – All

17. Announcements – All

18. Adjournment