Welcome to the National Academies, TRB 95th Annual Meeting
“Research Convergence for a Multimodal Future”

The National Academies
Transportation Research Board (TRB)
EMS Transport Safety ANB10(5)
January 2016 Subcommittee Meeting

Tuesday January 12th 10:15-12:00
Marriott Marquis, Ballroom Salon 16 (M2)

Emergency Medical Services Safety Subcommittee ANB10(5)
of the Transportation Research Board
Tuesday January 12th, 2016
10:15-12:00
also via Webinar, Washington DC

Chair – Nadine Levick MD, MPH
Co-Chair – Eileen Frazer RN
Sponsored by Transportation Safety Management Committee (ANB10) –

Inaugural 2008 ANB10(5) Subcommittee meeting

Transportation Research Board 95th Annual Meeting,
National Academies Washington, DC, January 12th, 2016
“Research Convergence for a Multimodal Future”

Emergency Medical Services Transport Safety Subcommittee ANB10 (5)
2016 January Meeting:
ANB10(5) – EMS Transport Safety and applied leadership in innovation

Nadine Levick, MD MPH
Chair Emergency Medical Services Subcommittee ANB10 (5), TRB
CEO, Research Director, EMS Safety Foundation
Eileen Frazer RN
Co-Chair ANB10(5) TRB
Executive Director of Commission on Accreditation of Medical Transport Systems (CAMTS)

TRB Annual Symposium

95th TRB www.TRB.org
Today’s AGENDA

1. Welcome – Sign In / Log In 10:15 – 10:20 AM
2. Opening Remarks – Nadine Levick and Eileen Fraser 10:20 – 10:25 AM
3. Subcommittee Meeting 10:25 – 11:15 AM
   3.1 Introductions
   3.2 Review and Approval of Minutes from 2015
   3.3 Review of Subcommittee activities 2015
   3.4 Sub-committee work program updates
      3.4.1 Forthcoming EMS Medical Transport Summit Plans
      3.4.2 Research Needs Statements – Research Topics Database
      3.4.3 Administrative issues
      3.4.3.1 Liaison organizations
      3.4.3.2 TRB Changes/Communications/Web site
      3.4.3.3 Membership/Recruitment
      3.4.3.4 2017 TRB Session Topics and Calls for Papers
   3.5 EMS National Updates –
      3.5.1 Standards development in 2015
      3.5.2 NAEMT Safety Course Update
      3.5.3 TRB Issues
   4. Innovation / Adopting change 11:25-11:45 AM
      4.1 TRB posters, papers and presentations – Systems and Rollover
      4.2 Ambulance Design Innovation – Hands on and voice activated command
      4.3 Discussion of recent patient transport safety guidelines
   5. Research Needs 11:45-12:00 PM
6. Adjourn 12:00 PM

What is EMS?

- Emergency Medical Services – (EMS)
- Emergency medical care, public health, public safety and patient transport
- Bridge between the community and the hospital
- Volunteer – professional
- Urban – rural
- Disaster response
- Majority of transports NOT critical or life threatening – (<3% are critical)

Transport related aspects of EMS

- dispatch of EMS vehicles
- transport policies and protocols
- vehicle fleets and vehicle design
- vehicle purchase standards
- Intelligent Transportation Systems technology
- driver training
- driver performance monitoring
- roadside and road design
- integrated traffic safety technologies
- scene safety and visibility
- safety data capture
- safety oversight

For the transportation folks…

Why is EMS Transportation Safety a focus

- Data state that per vehicle and per mile travelled high fatality rates
- Driven by drivers overrepresented in high risk group: under 25 years of age/male
- Designed outside of the automotive safety and occupant protection arena
- Dangerous driving practice: Travel at high speed and run red lights

Balance of concerns and risk during transport

- Response and transport time
- Clinical care provision
- Occupant safety/ protection
- Public Safety

Yet....

- In less than 3% of transports is it a life threatening emergency
Ambulance Transport Safety IS Complex AND Multidisciplinary

Epidemiological Data Collection  
Risk Management  
Public Safety

Ergonomic Research

Transport Safety

Transport Policy

PPE

Biomechanical Automotive Safety

Driver Training

Communications Technology

Safety Technology

Regulations and Standards

Fleet Safety Program

USA EMS transport safety data estimates

Includes police report data* and estimates based on known data capture deficiencies

• ~ 81,000 vehicles
• upto 9,000 crashes a year
• ~ One fatality each week
  – ~ 2/3 pedestrians or occupants of other car
• ~10 serious injuries each day
  – >50% not ambulance occupants
• Cost estimates > $500 million annually


In the USA there are more safety standards for moving cattle than for moving patients

Follow hashtags #TRBEMS16, #ANB10(5), #EMSSafety on twitter!

Negative impact on system performance…

• A medical error may kill a patient
  BUT
• An EMS crash can kill all those involved AND wipe out a rural EMS system AND negatively impact a region’s response capacity……

Ambulance transport a serious USA transport safety problem…

• the most lethal vehicle on the road both per mile travelled and per vehicle
• is exempt from federal commercial fleet safety oversight (FMCSA)
• 2/3 fatalities not in the ambulance
• More than half injuries are not in the ambulance
• Exempt from most FMVSS standards
Breaking down the silos between:
• EMS practice
• Automotive occupant protection
• Fleet management
• Human factors and ergonomics
• New technologies in monitoring, communication
• Interoperability
• Fragmented oversight

This morning’s meeting
• Will cover:
  – Review of TRB EMS Safety Subcommittee’s activities
  – An overview of the TRB and opportunities for EMS
  – Research funding pathways via the TRB
  – National updates
  – Research Needs/Problems/Statements

The TRB and EMS
• TRB Mission:
  To provide leadership in transportation innovation and progress through research and information exchange, conducted within a setting that is objective, interdisciplinary, and multi modal.
• Provides service to government, public, and scientific and engineering communities.
• TRB Goals:
  – Being prepared for challenges.
  – Conduct and promote knowledge.
  – Provide timely and informed advice.
  – Act as an effective and impartial forum.
  – Promote collaboration.
  – Contribute to the professional development
  – Conduct and promote communications efforts.
  – Contribute to public’s understanding.
  – A resource to the nation and to the transportation community worldwide

What is ANB 10 (5)?
• Emergency Medical Services Safety Subcommittee, ANB 10 (5)
  – Subcommittee of the Transportation Safety Management Committee ANB 10, of the Transportation Research Board of the National Academies

EMS Safety Subcommittee ANB10(5)
• Subcommittee supported by Transportation Safety Management ANB10
• Established July 2007
• First Subcommittee meeting – Jan 2008
• Chair, Nadine Levick MD, MPH
• Co-Chair, Eileen Frazer, RN
• Scope – Medical Transport Safety
Multidisciplinary research

• Encompassing all aspects of transportation
• The expertise that EMS needs to address its transportation safety challenges includes:
  – Systems design
  – Transport systems safety
  – Human factors
  – Vehicles
  – Fleet operations
  – Air medical transport safety
  – Managing impaired operators
  – Road design and egress and access
  – Highway and operational hazards

Fragmentation

• There are now numerous and variably sound or technically sophisticated events occurring sporadically on ambulance safety – none under a transportation umbrella

ANB10 (5) TRB EMS

Subcommittee Mission

• 'Bridging the gap between what we do and what is known
  - Enhancing ambulance transport safety through shared knowledge of technical data'.

Integration

ANB10(5) is an independent platform for:
• Bringing fragmented information together
• Uniting diverse disciplines
• Focus on technically robust information

The Transportation Research Board (TRB)

• History
  TRB was established in 1920 as the National Advisory Board on Highway Research to provide a mechanism for the exchange of information and research results about highway technology.
TRB MISSION

• To provide leadership in transportation innovation and progress through research and information exchange, conducted within a setting that is objective, interdisciplinary, and multimodal.

TRB divisions

• Technical Activities supports standing committees and task forces.
• Studies and Special Programs convenes specially appointed expert committees to conduct policy studies and program reviews, maintains the TRIS database, provides library services, prepares synthesis reports on behalf of the Cooperative Research Programs, and manages the Innovations Deserving Exploratory Analysis (IDEA) programs.

TRB research programs

• Cooperative Research Programs manages
  – National Cooperative Highway Research Program - NCHRP
  – Transit Cooperative Research Program - TCRP
  – Airport Cooperative Research Program – ACRP
  – National Cooperative Freight Research Program - NCFRP
  – Hazardous Materials Cooperative Research Program - HMCRP
• Strategic Highway Research Program 2 (SHRP-2)
  – manages a targeted, short-term, results-oriented program of contract research designed to advance highway performance and safety for U.S. highway users.
• Administration and Finance provides financial, information technology, and other administrative support, including financial oversight of the contracts and grants that support the work of TRB, administration of publications sales and distribution, and maintenance of benefits and services for sponsor and affiliate organizations.

Special role for EMS at TRB

• One of the Key 4 E’s
  – Engineering
  – Education
  – Enforcement
  – Emergency Medical Services

Transportation Research Board is an excellent resource... we should be using it!!

Emergency Medical Services Response to Motor Vehicle Crashes in Rural Areas
http://www.trb.org/Main/Blurbs/169523.aspx
In Summary TRB Services

- A resource to the nation and to the transportation community worldwide
  - Opportunities for information exchange on current transportation research and practice
  - Management of cooperative research and other research programs
  - Analyses of national transportation policy issues and guidance on federal and other research programs
  - Publications and access to research information from around the world.

Who is attending the 95th TRB meeting

- >13,000 transportation related researchers and technical personnel from all over the globe

3.1 Introductions

3.2 Review and Approval of Minutes from 2015

ANB10(5) Jan 2015 Subcommittee Meeting Minutes
This year's TRB theme - “Research Convergence for a Multimodal Future”

Gartners 2015 Hype Cycle

KDD 2015
http://www.kdd.org/kdd2015/

Big Data and Mobile Health

If only Uber operated an ambulance service...
From our very first Subcommittee meeting

- facilitating translation of relevant related transportation safety research and knowledge to EMS

Systems safety of:

- Dispatching a vehicle
- Getting you, your patient and equipment to, in and out of the vehicle
- Providing patient care inside the vehicle
- Occupant protection in crash and near miss situations
- Public safety

System Design Constraints

- Do the clinical work that is required and essential
- Not get hurt or killed
- Not hurt or kill anyone else
  So...
- Clinical need
- Human tolerance of injury

Safe Systems Approach

Source: Road Safety Branch, Infrastructure and Surface Transport Policy, Department of Infrastructure, Transport, Regional Development and Local Government, Australia.

Intelligent Transport Safety Systems

Prevent IP, 2005
The connected and driverless vehicle...

From Wired August 2014

TRB Resources and Structured Transportation Research Programs
TRB Resources

resource and databases

TRIS produces and maintains the Transportation Research Information Services (TRIS), the world's largest and most comprehensive online bibliographic database of published and ongoing transportation research.

Through a cooperative agreement with the Bureau of Transportation Statistics, the TRIS Database is available on the Internet through the National Transportation Library. This service, TRIS Online, can be accessed through the TRB homepage at www.TRB.org. TRIS is also available through two fee-based services, Dialog and Silverplatter's TRANSPORT CD-ROM.

TRID http://trid.trb.org/

the TRIS and ITRD

Other TRB Online Resources

- Research in Progress (RIP) Database
- RIP provides access to more than 10,000 descriptions of current or recently completed transportation research projects from federal and state transportation agencies, universities, and international organizations
- The TRB Publications Index is a searchable index of the Board's papers and reports.

Synthesis Program

- Reports on current knowledge and practice
- Synthesize fragmented, scattered, and unevaluated existing information
- Initiation of ~ 12 syntheses per year
- Selection process for synthesis topics:
  - widespread enough to generate broad interest
  - timely and critical for expediting delivery, improving the quality, or lowering the cost of transportation programs
  - current practice is non-uniform or inconsistent from agency to agency, or if the validity of some practices appears to be questionable
  - a need to organize and compress that which has already been learned and written on the topic
  - ongoing research or other activities in progress should not render the synthesis obsolete shortly after completion
National Cooperative Highway Research Program (NCHRP) Synthesis

- New NCHRP Synthesis topics submissions due February, 2016

Strategic Highway Research Program (SHRP 2)

- Congress established the second strategic highway research program (SHRP 2) in 2006 to investigate the underlying causes of highway crashes and congestion in a short-term program of focused research. Focus areas:
  - Safety: Significantly improve highway safety by understanding driving behavior in a study of unprecedented scale
  - Renewal: Develop design and construction methods that cause minimal disruption and produce long-lived facilities to renew the aging highway infrastructure
  - Reliability: Reduce congestion and improve travel time reliability through incident management, response, and mitigation
  - Capacity: Integrate mobility, economic, environmental, and community needs into the planning and design of new transportation capacity

IDEA Program

Research Approaches

- Submission avenues:
  - Synthesis topic - NCHRP
  - SHARP 2 – Safety
  - Research questions/Problem statements
Sample Research Question

ANB10(5) Umbrella Committee is ANB10 Transportation Safety Management

How do TRB Subcommittees work?
Problem statement development in progress from 2008-2015

- Development and application of standardized definitions to capture EMS transport data across all agencies.
- Identifying ambulance fleet mix by state
- Determination of current state based emergency vehicle crash data capture and analysis; police, fire and EMS.
- Identifying the regional essential and optional equipment payload for ambulances
- Evidence for ambulance visibility and conspicuity
- Effectiveness and cost effectiveness of real time driver monitoring feedback devices for EMS services

NCHRP 17 - 51

- The Framework developed by NCHRP 17-51 will be a tool that Stakeholders can use to formulate their Highway Safety Plans which integrate EMS, at the National, State, or Local Level. More information about the Framework Project is available at: http://www.strategicsafetyplan.com
3.3 Review of Subcommittee activities 2015

- EMS Today, 2015  
  - INDEMO & Outreach with TRB Summit multimedia info
- EMS World Expo 2015  
  - INDEMO & Outreach with TRB Summit multimedia info
- Input to NAEMSP Transport Safety Position Statement

Subcommittee Meeting stats
Sure took us by surprise!
- >15,300 downloads of Subcommittee meeting handout
- >150,200 downloads of Synopsis of the 2012 Safety, Systems, Strategies and Solutions Summit handout
- >15,100 Fleet Tech Innovation handout
- >11,200 Standards Update handout

The Safety Systems, Strategies and Solutions Summit Feb 2012
- ~50 onsite – lead representatives
- Live online participation with international representation
- 7 focus areas and a panel
- >150,000 downloads of presentation handouts
- Multi-Media ‘e-document’ with QR tags
- You tube overview

EMS Safety Systems Strategies and Solutions Summit, February 29, 2012
- What are global best practice models
- Making it happen
- How can we translate global interdisciplinary best practice initiatives to North American EMS
3.4 Sub-committee work program updates:

3.4.1 Ambulance Transport Safety Summit March 2017
- Synopsis of 2008, 2009, 2012 Summit resources
- Focus on: A Road Map to Safety
  - Integrating existing data, knowledge and resources
  - A systems engineering approach to applying safety concepts
  - Data supported practices, policies and standards
  - Fleet operations/transport clinical aspects
  - New technologies
  - Fleets/vehicles/human factors/patient monitoring/communications

3.4 Sub-committee work program updates:

3.4.2 Research Needs Statements - Research Topics Database
Research Problem Statements

Developed 3 small and 2 larger project outlines
1. Data definitions of:
   i. ambulance
   ii. emergency response
   iii. ambulance crash
2. Essential/Optional Ambulance Equipment
   What does each state require? Expert panel to identify:
   i. essential equipment
   ii. optional equipment
   iii. equipment specific to regional needs
3. Fleet mix, by state

Research Problem Statements

2 larger project outlines

4. Effectiveness and cost effectiveness of EMS monitoring feedback devices

5. Determination of State based emergency vehicle data capture and analysis: police, fire and EMS

3.4.3 Administrative issues

3.4.3.1 Liaison organizations
3.4.3.2 TRB Changes / Communications / Website
3.4.3.3 Membership/Recruitment
3.4.3.4 2016 TRB Session Topics and Calls for Papers

3.5 EMS National Updates

3.5.1 Standards developments in 2015
3.5.2 NAEMT Safety Course Update
3.5.3 Federal Projects

ANB10 Committee
https://sites.google.com/site/trbcommitteeanb10
Standards?

- KKK
- NFPA
- SAE
- ASTM 2020
- NASEMSO MVDR
- CAAS
- CAMTS
- FMVSS
- FMCSA
- State required ambulance equipment
- And international CEN, ASA, India, Malaysia

GSA KKK

- A purchase specification - not a safety design standard
- Sunset is extended to Oct 1, 2016
For restraint systems – not vehicle design & not based on crashworthy vehicles

Testing Criteria – Frontal & Side Impact

* * *

SJE /2917-Ambulance Patient Compartment (Frontal) HYDE Std Patke, May 2010

SJE /2966-Ambulance Patient Compartment (Lateral) HYDE Std Patke, June 2011

Again, for equipment anchors, NOT vehicle crashworthiness

Testing Criteria – Rear Impact

Crash response of two vehicles used to develop new SAE Recommended Practice for Rear Impact Testing

2014 New Organization in the field
CAAS Ground Vehicle Standard (GVS-2015)
http://www.groundvehiclestandard.org

Energy transfer is not a consensus process

• Opinion Consensus
vs
Technical Science
3.5.2 NAEMT Safety Course Update

EMS SAFETY COURSE
National Association of Emergency Medical Technicians

Course Design

- One-day program
- Interactive lecture, discussion, group activities
- Case studies using real incidents
- 8 hours continuing education credit (CECBEMS)
- Presented in 8 modules

Course Leadership

- Chairman, Mike Szczygiel (Segal)
  - Over 40 years experience in EMS
  - Nationally Registered Paramedic
  - Senior Loss Control Representative, Thomco Insurance
  - Part of the original design team for the EMS Safety Course

Course Revision

- Revision completed
- Jones & Bartlett will produce all course materials
- Increased student participation
- Additional video and new photos
- Rolled out @ EMS World Expo
  - September, 2015
  - Las Vegas, NV
- Remains a one-day course
3.5.3 Federal Projects

- FHWA Strategic Highway Safety Plans & EMS
- NIST/NIOSH/DHS
- DHS wireless
- NEMSAC

http://safety.fhwa.dot.gov/hsip/shsp/ems
Automotive Safety & occupant protection remain unresolved, with serious automotive safety concerns.

First Responders Group
Second Draft
Ambulance Patient Compartment Human Factors Design Guidance
April 30, 2014

DHS Wireless Patient Monitoring

TSAG
http://www.tsag-its.org/

2015 Tech events of interest
• from DHS
  – Emerge Program September 24 Conference
    • http://www.dhs.gov/science-and-technology/accelerator
  – Saver Program
  – Tweet chat #STTechtalk September 30
    • http://www.firstresponder.gov/SAVER
• Enterprise Wearable Tech Summit Oct 20-21
  • Twitter - #EWTS15
• NIH Digital Health Summit
  • Preparedness tools presentation starts at 182 minutes

Enterprise Wearable Technology Summit
October 20-21, Houston

#EWTS15

Wednesday, October 21 • 10:45am - 11:15am
Case Study - The incredible impact of Wearable Technology in Emergency Services: The MedEx Story

- A brief history - HIPAA regulations - Training - EPH/Approval
- Partners - Hospitals
- In the field - Early results
- Meet the team
- A live demonstration
- The Future

Speakers
Lauren Robinson-Morris
President & CEO, MEDIX AMBULANCE SERVICES
Digital Profile & Bio
Emerge, San Fran

Saver
System Assessment and Validation for Emergency Responders
http://www.firstresponder.gov/SAVER

• #STTechtalk held Sept 30

NIH Digital Health Summit
October 19th

• Elizabeth Jarrett, M.A., Office of the Assistant Secretary for Preparedness and Response (ASPR), HHS, and Stacey Arnesen, M.S., National Library of Medicine, NIH
  “From Better Data to More Effective Tools: APR and NLM Collaborate to Create Resources that Promote Emergency Preparedness, Response and Recovery”
  – Preparedness presentation recording starts at 182 minutes
Back to the future…..

New Safety Certifications

4. Innovation/New Communication Technologies
New Tech

• 36% of Google Ventures’ investments in 2014 were in healthcare and life sciences. Upping its funding in the sector from just 9% in 2013, the tech giant plans to continue exploring the area with an emphasis on big data next year. Wall Street Journal

Ambulance drones could be saving lives soon! Earlier this year, the Netherlands developed a prototype that can deliver a defibrillator to a patient suffering a heart attack. Once it lands, the drone uses live stream video conferencing to connect emergency responders to people on the ground.

And even now AED Drones!

4.1 TRB 2016 EMS Papers

• System-wide Impacts of Emergency Medical Service (EMS) Resources on Freeway Crash Severity
  Soyoun Jung, Hanyang University
  Xiaoh Qiu, University of Wisconsin, Milwaukee
  Ched Oh, Hanyang University - 16-2715 poster P292

• Relationship Between Distance to Trauma Centers and Driver Mortality in Fatal Crashes Using FARS Data
  Wei Hu
  Qiao Dong, University of Tennessee, Knoxville
  Baoshan Huang, University of Tennessee, Knoxville - 16-4220 poster P292

• Understanding the Impact of Accessibility and Weather on Emergency Unit Reaction Times
  Loukas Dimitriou, University of Cyprus
  Dimitrios Efthymiou, National Technical University of Athens (NTUA)
  Constantinos Antoniou, National Technical University of Athens (NTUA)
  -16-3997 poster Q313

These papers/posters are to be presented today Jan 12, 2016 at ANB10
Transportation Safety Management

• And papers will be available via TRB TRIS

EMS Rollover presentation

• Wednesday Jan 13 @TRB
4.2 Ambulance Design
Innovation – Hands on and voice activated commands

Letter to Abe Lincoln – 1864
re: safety of ambulance design

1864 Ambulance Design Patent
and diagrams
Almost 150 years ago
Self Guided INDEMO tour

http://www.EMSSafetyFoundation.org/video/INDEMOstretcherlights.mp4

http://www.emssafetyfoundation.org/video/INDEMOredstrobe.mp4
EMS World Expo LIVE Webinar

- "Live from Expo 2015" Webinar recording link
  - http://www.emssaftyfoundation.org/amember/ProtectedICTEP/Recorded2015Sept17LIVEfromEXPOICTEPWebinarlogininfo.htm
- And Webinar Handout
  - http://www.emssaftyfoundation.org/amember/ProtectedICTEP/2015EMSSF-Sept17LIVEfromExpoHO.pdf

EMS Safety Foundation’s new demonstration Project:
Ambulance Safety INDEMO 1.0

- Designs so that you can do your work with optimum safety and efficiency.
- Based on state of the art science, practice and input from the world’s leading experts in automotive safety and human factors.
- Designs that are cheaper, better, safer.

Simplicity is the Ultimate Sophistication
- Leonardo da Vinci
Even use of scale lego models

www.INDEMO.info

Would you like a virtual tour of INDEMO 1.0 or an onsite to visit your site/conference?

http://www.emssafetyfoundation.org/INDEMOScheduleForm.htm

Driving Andi!

- Use of a virtual presence robot to share advances in design and technology

Deploying new virtual tools for sharing innovation in design globally
And even mobile Virtual presence

From Allan’s iphone in Connecticut
4.3 Safety Emergency Transport of Neonatal Patients (SETONP) Preliminary White Paper

An outline document addressing key principles that will be the framework upon which the final guidelines will be developed.

http://www.emssafetyfoundation.org/prelimSETONP.pdf

OPEN FOR PUBLIC COMMENT

Safe Emergency Transport of Neonatal Patients – Phase I Project
- (Funded by Medevac Foundation)

Specific aims:
• To determine key interdisciplinary technical data for design of a safe system for transport of neonatal patients.

Research hypothesis:
• Key technical data for neonatal transport safety design can be determined with an interdisciplinary team.

SETONP Feedback

• comments1: The subject matter is very valuable. We need more information regarding the safe transports of Neonates, newborns and toddlers.
• comments2: Overall we need more technical advice and studies regarding EMS transport of Newborns/Toddlers and children.
• comments3: Devices to use, best practices, crash tests involving all the above and outcomes.
• general: I feel this is a paper that is long overdue, safety in transporting children should always be paramount.
• comments4: Safely securing Neonates/Newborns and toddlers for transport to ER’s and other facilities.

Safe Emergency Transport of Neonatal Patients – Phase II Project

• Expand on Phase I principles
• Create an educational and instructional video
• Disseminate this tool throughout the relevant disciplines
Plans:
- White paper focusing on Technical Science underpinning guidelines and standards
- Minitopic seminars
- Preparation for Safety Systems Strategies & Solutions Summit March 2017
- Enhance social media footprint
Proposed mini session topics

- Data driven transport related practices:
  - Fleet
  - Clinical
- Pediatric/Neonatal transport safety
- Motorcycles in EMS

Sign up for ANB10(5) here...
http://www.objectivesafety.net/TRBSubcommitteesignup.htm

New Business

- New projects
- Task Force?

Any questions or comments?