

TRB EMS Subcommittee ANB10(5)

EMS Safety Summit 2012

Safety Systems, Strategies and Solutions

Information and Technology Transfer

Nadine Levick MD, MPH

Chair ANB10(5)

CEO, Research Director EMS Safety Foundation

February 29th , 2012



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Information and Technology Transfer

- New Tools
- New Collaborations
- New Platforms
- New Events
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- Webinar, Podcasts, Blogs, Skype and Twitter

National Academies Transportation Research Board's (TRB) EMS Safety Subcommittee ANB10(5)

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

Special role for EMS at TRB

- One of the Key 4 E's
 - Engineering
 - Education
 - Enforcement
 - Emergency Medical Services**



Emergency Medical Services Safety Subcommittee ANB 10(5) of the Transportation Research Board

Sponsored by Transportation Safety Management Committee (ANB10)

Monday January 23rd, 2012 from 10:15 AM – 12:00 PM EST

Marriot Park Tower Suite 8212, Chair – Nadine Levick MD, MPH

Marriot- Wardman- Washington DC, 2660 Woodley Road NW 20008

For Webinar – access link see: <http://www.objectivesafety.net/TRBSubcommittee.htm>



AGENDA

- | | | |
|--|---|--------|
| 1. Introductions | – | 5 min |
| 2. Sub-committee work program updates: | | 20 min |
| a. Ambulance Transport Safety Summit 2012 | | |
| b. Research Needs Statements - Research Topics Database | | |
| c. Administrative issues | | |
| i. Liaison organizations – | | |
| ii. Communications/Website – | | |
| iii. Membership/Recruitment - | | |
| iv. 2013 TRB Session Topics and Calls for Papers | | |
| 3. Related Updates – | | 10 min |
| a. TIMS network – Eric Rensel | | |
| b. NIST DHS project – Nadine Levick | | |
| c. ACEP EMS Safety Culture Project – Rick Murray | | |
| d. NAEMT Safety Course Update – Glenn Luedtke | | |
| 4. Other business | | 5 min |
| — 10.55am Login break for Safety Innovation Presentations— | | 5 min |
| 5. Safety Innovation Presentations - Commence at 11.00am EST | | 45min |
| a. Fleet Management Technologies – | | |
| i. Telematicus – Simon Ralphs | | |
| ii. ACETECH- Joe Bourgraf | | |
| b. Human Factors Issues – Chris Fitzgerald | | |
| c. Fleet Design Innovation | | |
| i. Careflite – Jim Swartz | | |
| ii. Oslo University Ambulance – Ronald Rolfsen | | |
| 6. Adjourn | | |



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RESEARCH NEEDS STATEMENTS



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An important function of the Transportation Research Board (TRB) is to stimulate research that addresses concerns, issues, or problems facing the transportation community. In support of this function, TRB Technical Activities standing committees identify, develop, and disseminate research need statements (RNS) for use by practitioners, researchers, and others. The RNS on this website have been developed by the technical committees.

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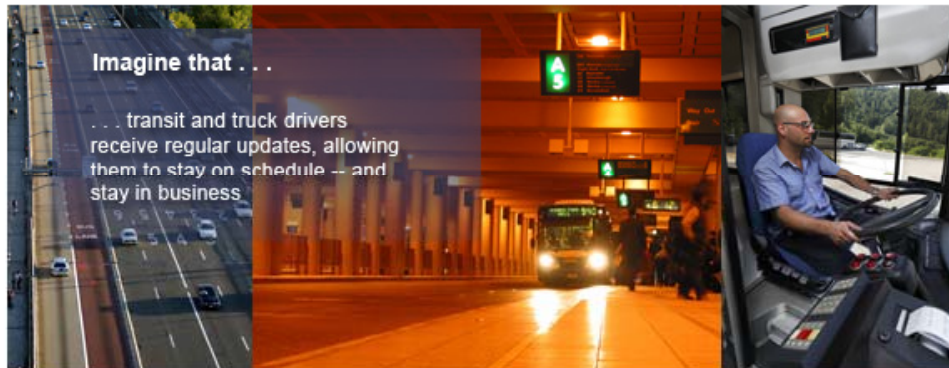
Intelligent Transportation Systems Joint Program Office



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RITA

Updated February 28, 2012 2:18 PM



Imagine that . . .

. . . transit and truck drivers receive regular updates, allowing them to stay on schedule -- and stay in business.

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Shelley J. Row, P.E., PTOE
Director
ITS Joint Program Office
Biography
Welcome Video

Procurement Opportunities

As we implement the ITS Research Strategic Plan, open procurements may become available through a variety of solicitations. [More >>](#)

Public Meetings

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SAFETYPILOT

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ITS JPO Releases Turbo Architecture Version 7.0.

Turbo Architecture is a software application that supports development of ITS architectures using the National ITS Architecture as a reference. [Read more...](#)

- ITS JPO Welcomes Wolfgang Hoefs as International Research Fellow 2/21/12
- Applications for the Environment: Real-Time Information Synthesis (AERIS) User Needs Workshop 2/10/12

spotlight

Our Current Research

- Applications
- Mode-Specific
- Cross-Cutting

- ▶ Vehicle-to-Vehicle Safety
- ▶ Vehicle-to-Infrastructure Safety
- ▶ Real-Time Data Capture
- ▶ Dynamic Mobility Applications
- ▶ Environment
- ▶ Road Weather

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DHS/NIST/NIOSH

Site News Details

Archived News Item



Print Email

DHS and NIST sponsoring an Ambulance Patient Compartment Safety Survey

November 29, 2011

EMS practitioners riding in the back of ambulances are at high risk of suffering injuries during a crash or crash avoidance maneuver when not using restraints. However, using restraints makes it difficult to access and treat patients while en route to the hospital. Achieving a balance between practitioner safety and patient care is a significant challenge for the EMS community.

To address this challenge, the Department of Homeland Security (DHS) Human Factors and Behavioral Sciences Division (HFD) and the First Responders Resource Group (FRRG) has partnered with the National Institute of Standards and Technology (NIST) and the National Institute of Occupational Safety and Health (NIOSH) to develop design guidance for ambulance patient compartments that address crashworthiness, EMS practitioner safety and performance, and patient safety. The guidance will provide crucial information for EMS organizations and ambulance manufacturers to design safer patient compartments that can help EMS practitioners optimize their ability to perform patient care. The guidance will be incorporated into current and emerging ambulance design standards such as NFPA 1917.



NIST OLES

Please provide your input by completing an anonymous web survey. This survey is extremely important so that a wide cross-section of EMTs and paramedics can have their say in the development of the design guidelines. This survey will be available from November 29 through December 28, 2011. **Please encourage all your colleagues to take the survey as well.**

If you have any questions or would like to participate further, please contact Darren Wilson at darren.wilson@dhs.gov or Jennifer Marshall at jennifer.marshall@nist.gov.

TIM

<http://timnetwork.org>



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September 13, 2011

Home

About TIM

Welcome to the TIM Network Website. The TIM Network is a function of the National Traffic Incident Management Coalition (NTIMC). The goal of the TIM Network is to connect TIM Professionals (especially those from different disciplines, to each other, provide a method for TIM Professionals to escalate issues and provide a way for the NTIMC to validate suggested practices. ... [\[Read More...\]](#)



Accident 2

[\[more\]](#)

> NTOC News Feed

Webinar Tomorrow: NTIMC Stakeholder Orientation & Involvement

Now Available: Final AASHTO Guide to SO&M Improvement

Upcoming FHWA Webinar: 'Effective Dynamic

> Photos



> Calendar

Bay Area Incident Management Task Force Meeting
September 14, 2011 in Oakland

Bay Area Incident Management Task Force Northern
Region Traffic Incident Management Workshop



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Traffic Incident Management Network

- Planned and coordinated multi-disciplinary process to detect, respond to, and clear traffic incidents so that traffic flow may be restored as safely and quickly as possible. Effective TIM reduces the duration and impacts of traffic incidents and improves the safety of motorists, crash victims and emergency responders.
 - Emergency Medical Services
 - Fire and Rescue
 - Law Enforcement
 - Towing and Recovery
 - Transportation
 - Medial Examiners/Coroners
 - Metropolitan Planning Organizations
 - Public Emergency Access Points (911 centers)



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The TIM Network

- Gathering of practitioners from all locations and all TIM disciplines to collaborate, communicate, coordinate, and cooperate
- Nearly 1,000 members from all disciplines
- Free membership
- Controlled communications
- Monthly newsletter
- Monthly webinars
- Online membership directory



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Traffic Records Forum



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Application**

WELCOME TO ATSIP

A Professional Association of Transportation Safety Data Professionals...

Welcome to the home page for the The Association of Transportation Safety Information Professionals. The Association of Transportation Safety Information Professionals has migrated from a sub-committee under the National Safety Council to a stand-alone professional association in 2009. It exists to further the development and sharing of traffic records system procedures, tools, and professionalism. Membership is open to any professional working within the areas of traffic safety data collection, management, and analysis.

We are working to make this page a resource to the traffic records community, and welcome your suggestions, comments and contributions.

Invitation to Comment on NHTSA Traffic Records Program Advisory

The National Highway Traffic Safety Administration (NHTSA) is currently revising the *Traffic Records Highway Safety Program Advisory*. ATSIP is inviting traffic records professionals to contribute to this rewrite. To participate, you must register by Friday December 2, 2011. The documents below provide detailed information.

- [ATSIP Invitation to Comment - Hadi Shirazi, ATSIP Chairman](#) (.pdf, 486k)
- [Guidance for Reviewing the Advisory](#) (.pdf, 166k)
- [Advisory Rewrite Project Plan](#) (.pdf, 160k)
- [Fact Sheet for the New Traffic Records Assessment Process](#) (.pdf, 171k)

For questions about this process, please contact:



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As the pulse of the industry, the American Society of Safety Engineers is your source for the knowledge, skills, continuing education units (CEUs) and networking on the important and emerging issues in the safety, health and environmental (SH&E) profession. For more than 100 years, ASSE has a long-standing reputation of delivering high-level, top quality SH&E education and training that you can utilize immediately.



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EMS Safety Foundation Vehicle & Ergonomics Workshops, classroom and hands on



Ergonomic Challenges



Automotive technical input



High Tech Interactive Innovation Center - Ferno



Interdisciplinary and International Collaboration/Integration

RETTmobil 2011 – May 11-13th



RETTmobil 2011
Messe Galerie Fulda , May 11th - 13th
Europe's Leading Exhibition for Rescue and Mobility



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Links

The 10th RETTmobil - The Continuation of a Success

10th RETTmobil in Fulda - the European leading exhibition for rescue and mobility - has just closed its doors. Exactly 19,752 visitors have attended the trade fair in just 3 days, more than expected this year. The trade fair has again proved a magnet for rescue workers, ambulance staff, paramedics and fire-fighters. In addition many members and decision-makers from public authorities, municipalities and associations have come to RETTmobil 2010 in order to obtain information on current developments and the latest rescue techniques. "We had an unexpectedly high number of visitors", concluded Thomas Strobel, managing director of the famous rescue vehicle manufacturer System Strobel: "On the second day it was difficult to cope with the massive turn-out of visitors."

According to the exhibition manager: Due to the addition of 300 parking lots, the purpose of RETTmobil, traffic flow and the number of visitors. Dieter Udolph expressed his satisfaction: "The number of visitors has risen again in quality. We also see a high level of interest in the exhibition."



Also the accompanying RETTmobil edition. Dr. Peter Seifried has again enjoyed high advanced training courses were fully booked. Almost 600 participants took the opportunity. The topic on the training was the development of the engines from the district of Fulda were discussed.

The 10th RETTmobil has again fulfilled the expectations. "We are absolutely satisfied with the positive acknowledgement", summarized Chairman Manfred Hommel of the Community of Interests of Manufacturers of Ambulances and Emergency Vehicles (IKR). "90 percent of the exhibitors are extremely satisfied with the fair and the business development", said Hommel. He is also happy about the communication with representatives and personnel from aid organizations, fire departments, army and THW: "The RETTmobil is the outstanding platform for everyone involved in emergency services." Hommel himself was a participant in a video-conference of the EMS Safety Foundation, for which a delegation from the U.S. had come to RETTmobil in order to discuss the issue of safety and compare the quality of European and American technical standards with participants from all over the world via the Internet. The recorded video-stream is available to all registered users at: <http://www.EMS-SafetyFoundation.org>.

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[Bilder und Video-Berichte Online](#)
Bilder sowie weitere Video-Berichte der 10. RETTmobil...

News >> 10.06.2010
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Stand Registration Application for RETTmobil 2011 available...

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RETTmobil is -

- A major European Emergency Rescue Congress, Trade show and Symposium
- Held in Fulda, Germany
- Established in 2001
- Attended by ~ 20,000 attendees
- Brainchild of Prof Peter Sefrin

Interdisciplinary and International Collaboration/Integration

Swedish industrial designer
meets

North American Ambulance
builder



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the result of the frequency analysis, green dots mark equipment used every time the ambulance is driven, orange



Summary

- Collaboration
 - Interdisciplinary
 - Interagency
 - International

