

NTSB ADVOCACY SPOTLIGHT

HIGHLIGHTING NTSB ADVOCACY IN ACTION

VOL 4 ISSUE 1 (Jan-April 2018)

THE BIG STORIES

Roundtable Seeks Solutions to Loss of Control in Flight

Nearly 1,000 pilots and general aviation enthusiasts attended or watched online the April 24 NTSB roundtable on preventing loss of control in flight in general aviation, an [NTSB Most Wanted List issue](#).

NTSB Chairman Robert Sumwalt facilitated the discussion at NTSB's headquarters in Washington, where experts focused on identifying specific training and cockpit technology solutions. The 18 industry and government participants included a NASA astronaut, a world-famous aerobatics champion and trainer, GA associations, tech companies and the FAA, as well as NTSB Board Member Earl Weener and aviation safety investigators. LOC plays a role in more than 40 percent of all single-engine, fixed-wing general aviation fatal accidents, and GA safety has been on the MWL since 2012. Event attendees received FAA WINGS credit. See our [event page](#) for more details and read our blog (to be released on May 14), which will discuss the key takeaways.



GENERAL ADVOCACY & OUTREACH

Marine Safety Advocacy Tour

Between January–April, staff in the NTSB Office of

Marine Safety advocated mariners and ship owners at a variety of marine industry events for improved awareness of safety issues related to fatigue, distraction, and impairment—all factors seen in many recent accident investigations. They also discussed the benefits of voyage data recorders and findings from the [El Faro accident investigation](#), the largest and most complex NTSB marine investigation in the agency's history. Some of the stops on their safety advocacy tour included the Seatrade Cruise Global 2018 Safety and Security Symposium, the 2018 Towing Forum at the State University of New York Maritime College, the United States



Merchant Marine Academy, and the Research Vessel Operators Committee Meeting. The key message relayed: although the fatality rate in the marine industry is low, compared to other sectors, more work can—and should—be done to prevent accidents.

Chairman's New Safety Message

The NTSB launched a new social media product featuring tips and perspectives from Chairman Robert Sumwalt on safety culture, leadership, safety management systems, NTSB recommendations and organizational success. The messages, released biweekly on NTSB's Twitter, LinkedIn and Facebook platforms, are largely targeted toward safety professionals or, more generally, those interested in NTSB activities, leadership philosophies and NTSB safety recommendations.



Infrastructure's Role in Highway Safety

NTSB Board Member Bella Dinh-Zarr addressed the Executive Session of the American Traffic Safety Services Association's Annual Meeting in San Antonio, Texas, in January, about the importance of highway infrastructure improvements. During her remarks, she said that by "designing, manufacturing, and installing good signs, signals, and markings and other traffic control devices, [ATSSA members] help make our nation's roads safer." She also highlighted some of the NTSB's highway safety recommendations and Most Wanted List issues. Read her full [speech](#).

General Aviation Safety Lessons Learned

NTSB Board Member Earl Weener highlighted LOC in flight in general aviation and other MWL issues at two events: [Sun 'n Fun](#) in Lakeland, Florida, in April, and the [9th Annual International Flight School Operators Conference](#) in San Diego, California, in February. NTSB aviation safety investigators Larry Lewis and Paul Suffern joined Member Weener at Sun 'n Fun in presentations about accident investigations involving experimental aircraft, weather and LOC. In his presentation in San Diego, Member Weener urged flight school operators, directors, instructors and trainers to address aviation safety issues identified on the NTSB MWL. He highlighted LOC statistics and urged training professionals to address this problem. He also

stressed the importance of effective safety management systems and safety culture to prevent GA accidents.

IRF Grad Students at NTSB

NTSB Managing Director Dennis Jones and Safety Advocacy Chief Nicholas Worrell presented to engineering and transportation policy graduate students of the [International Road Federation's](#) Class of 2018 at NTSB headquarters in Washington, in March. Jones and Worrell discussed the importance of leadership and how the NTSB manages investigations. They also provided an overview of the work the NTSB does to improve transportation safety globally.



Sr. Hwy Investigator: Safety Focus a Must

NTSB National Resource Specialist Don Karol delivered the [keynote](#) at the 2018 Arizona Health and Safety Summit on April 19 at Arizona State University's Tempe campus. In his remarks, he emphasized the importance of safety-focused investigations and stressed that organizations must constantly learn from their mistakes and make improvements from them.

HIGHWAY SAFETY

Keep Your Eyes and Mind on the Road! NTSB at Distracted Driving Month Events

NTSB Board Members and staff helped raise awareness during Distracted Driving Awareness Month in April through participation in several events and social media activities.

- Safety Advocacy Chief Nicholas Worrell participated in a press conference and events with Impact Teen Drivers and the California Highway Patrol, which kicked off California's Teen Driver Safety Week.



- Worrell joined victim advocates and staff from the Arizona Governor's Office of Highway Safety at Arizona's 2nd Annual Distracted Driving Summit to raise awareness about the dangers of distracted driving. Survivor advocates shared their experiences, challenges, and successes in the fight to end distracted driving.
- Worrell addressed participants of the Minnesota Distracted Driving Roundtable about the steps needed to pass and strengthen the state's distracted driving law. Speakers and attendees also discussed ways to counter challenges to stronger laws.



NTSB Safety Advocacy Division staff engaged in various social media posts throughout the month to highlight the dangers of distracted driving and the NTSB MWL, "[Eliminate Distractions](#)." The team developed this original animated graphic, at left, which was released on Twitter and Instagram.

Road to Zero Coalition at NTSB

NTSB Board Member Bella Dinh-Zarr delivered the welcoming remarks at the [Road to Zero Coalition](#) meeting held in March at the NTSB Board Room and Conference Center in Washington, DC. Board Member Dinh-Zarr highlighted the MWL and safety recommendations aimed at addressing the leading factors in crashes, deaths and injuries on the nation's roadways—most notably, alcohol and other drug impairment, speed, distraction and non-use of seat belts and child car seats. On April 19, the National Safety Council, which leads the Coalition, released the Coalition's [comprehensive report](#), which lays out strategies for ending roadway deaths in the United States by 2050.



Motorcoach Safety Matters: Investigators Visit ABA Conference

NTSB Highway Safety Investigators Mike Fox and Dave Pereira and Safety Advocate Amy Terrone attended and presented at the American Bus Association Marketplace 2018 Conference in Charlotte, North Carolina, in January. Hundreds of motorcoach and tour bus operators from throughout the United States participated in the conference. In three presentations given over three days, Fox and Pereira discussed recent crashes applicable to the motorcoach industry and NTSB recommendations—such as those related to fatigue, impairment, collision avoidance and occupant protection. They also provided insight into the NTSB investigative process. They briefed the Hispanic Safety Council on crashes and challenges unique to the Hispanic community, and after the conference, in meetings in April, met with representatives of the Asian Motorcoach Council to share best practices and NTSB safety resources. At ABA, dozens of motorcoach and travel tour bus representatives stopped by the NTSB booth to gather MWL literature and meet NTSB staff. As a result of the ABA event, the NTSB is preparing a motorcoach safety tip card for industry addressing driver fatigue that will be available later in May.

Speed, Seat Belts, Impairment Discussed at Lifesavers National Conference

NTSB Board Members Earl Weener and Bella Dinh-Zarr, along with NTSB staff, participated in the [Lifesavers National Conference on Highway Safety](#)

[Priorities](#) on April 22–24 in San Antonio, Texas. The event is the largest gathering of highway safety professionals in the country. Board Member Dinh-Zarr presented on a panel about .05 BAC laws and moderated a session on the public health model for injury prevention. NTSB Safety Advocate Erik Strickland led panel discussions on automated vehicle technologies and their safety impact. NTSB Transportation Research Analysts Ivan Cheung and Nathan Doble presented findings from the NTSB [speed study](#) released last year. Safety Advocate Stephanie Shaw spoke about NTSB safety recommendations related to seat belt and child car seat use, and Safety Advocate Leah Walton led a workshop on lessons learned in crash investigations, during which NTSB Highway Safety Investigators Kenny Bragg and Dennis Collins presented. Staff also engaged with attendees at the NTSB booth.

YOUTH AND TEEN OUTREACH

Presentation to UK Young Driver Focus

Safety Advocacy Chief Nicholas Worrell addressed the [UK Young Driver Focus](#) 2018 Conference on April 25 in London, England. The event attracted more than 200 delegates from law enforcement, the highway safety community and



government, as well as parents and advocates from throughout the United Kingdom. Worrell reminded the audience that they were “frontline safety troops” in an ongoing battle to provide guidance and protection to our newest—and still most vulnerable—drivers. He encouraged the audience to “improvise, adapt and overcome in our war against a common enemy: roadway deaths and injuries.”

SOCIAL MEDIA HIGHLIGHT

Most Popular SM Image: Super Bowl Reminder



NTSB @NTSB · Feb 2

This #SuperBowl Sunday, don't count on a Hail Mary for your safe ride home. #OnTheBlog, Member Dinh-Zarr shares thoughts on staying as safe as possible. Plan to #DriverSober or designate a sober driver before the game starts. safetycompass.wordpress.com/2018/02/02/thi... #NTSBmwl #NTSBhwy

CHOOSE ONE

- Drink
- Drive

NTSB



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LEGISLATIVE UPDATES



MA, NH, CT—Seat Belt Legislation: NTSB Board Member Bella Dinh-Zarr and Safety Advocate Stephanie Shaw provided testimony in support of enacting primary seat belt laws in Massachusetts, New Hampshire, and Connecticut. The NTSB has long recommended states enact stronger seat belt laws, most recently following a 2015 investigation of a truck-tractor and medium-size bus near Davis, Oklahoma, from which the NTSB recommended that the 50 states, the District of Columbia and Puerto Rico enact legislation that provides primary enforcement of a mandatory seat belt law to all vehicle seating positions.



On the Hill: NTSB Chairman Robert Sumwalt testified before Congress' Subcommittee on Railroads, Pipelines, and Hazardous Materials in February about positive train control implementation in the United States. PTC implementation has been on the NTSB MWL for more than 40 years. Also in February, Aviation Safety Director John DeLisi testified before the Subcommittee on Aviation about progress made in aviation safety, including updates on how the industry is addressing LOC in flight and recorder installations in GA aircraft—both MWL issues.

PA, MN, GA and SC—Distraction legislation: State and Local Liaison Steve Blackstone testified before the Pennsylvania House of Representatives' Committee on Transportation in April in Harrisburg in support of distracted driving legislation (HB 1684 and 892). NTSB Chairman Robert Sumwalt also sent letters to the state governments of Minnesota, Georgia, and South Carolina supporting restrictions on both hand-held and hands-free cell-phone use while driving.

PA—State Legislature Briefing: State and Local Liaison Steve Blackstone provided an overview of NTSB accident investigations and an update on the April 17 Southwest Airlines accident in Philadelphia to about two dozen Pennsylvania House of Representatives legislators and their staff.



SELECT REPORTS, ALERTS & STUDIES

- **Highway Accident Brief:** [Rear-End Crash Involving Truck-Tractor Semitrailer and Sport Utility Vehicle; Goodland, KS](#) (MWL issues: fatigue,

occupant protection, collision avoidance)

- **Highway Accident Report:** [Commercial Vehicle Overturn Resulting in Cargo Tank Rupture, Propane Release, and Fire; Stroud, AL](#) (MWL issue: HAZMAT)
- **Marine Accident Brief:** [Grounding of Fishing Vessel *St. Dominick*](#) (MWL issue: fatigue)
- **Marine Accident Brief:** [Allision of *Marguerite L. Terral* Tow with Krotz Springs Railroad Bridge](#) (MWL issue: distraction)
- **Railroad Special Investigation Report:** [End-of-Track Collisions at Terminal Stations Hoboken, New Jersey, September 29, 2016 and Atlantic Terminal, Brooklyn, New York, January 4, 2017](#) (MWL issues: medical fitness, PTC [collision avoidance])
- **Railroad Accident Brief:** [Long Island Rail Road Passenger Train Strikes Platform in Atlantic Terminal](#) (MWL issues: fatigue, medical fitness, PTC [collision avoidance])
- **Railroad Accident Brief:** [New Jersey Transit Train Strikes Wall in Hoboken Terminal](#) (MWL issues: fatigue, medical fitness, PTC [collision avoidance])
- **Railroad Accident Brief:** [Railroad Switching Services Employee Fatality](#) (MWL issue: rail transit oversight)
- **Railroad Accident Brief:** [Southwestern Railroad Collision Roswell, New Mexico](#) (MWL issues: fatigue, impairment, recorders)

MWL PROGRESS REPORT

Eliminate Distractions

Georgia lawmakers passed the Hands-Free Georgia Act on March 29, the final day of the 2018 General Assembly, to ban motorists from holding cellphones while behind the wheel. Gov. Nathan Deal signed [HB 673](#) into law, making the state the sixteenth (along with DC, Puerto Rico, Guam, and the US Virgin Islands) to ban handheld wireless device phone use behind the wheel.

Improve Rail Transit Safety Oversight

The US Government Accountability Office (GAO) released a report, [“Rail Transit: Federal Transit Administration can Strengthen Safety Oversight by Improving Guidance to States.”](#) that reviews various rail safety and oversight issues, including the differences between the Federal Railroad Administration’s and the Federal Transit Administration’s rail safety oversight programs. This report examines key characteristics of the FRA’s and the FTA’s rail safety oversight programs and analyzes the strengths and limitations of these programs. For the report, GAO took into consideration NTSB recommendations regarding rail transit safety oversight.

Ensure the Safe Shipment of Hazardous Materials

“Package not secure in vehicle” continues to be the HAZMAT violation most cited during roadside inspections, according to the [Federal Motor Carrier Safety Administration](#), accounting for 8.4 percent of violations.

Reduce Fatigue-Related Accidents

Full enforcement of the [electronic logging device \(ELD\) mandate](#) began April 1, requiring all commercial vehicles to use ELDs or automatic onboard recording devices. Accurate logs are an important tool to deter—and investigate—fatigued driving. Violations of the ELD rule found during roadside inspections since [full enforcement](#) kicked in are now being used in the Safety Measurement System that drives the Federal Motor Carrier Safety Administration’s Carrier,

Safety, Accountability enforcement program.

[End Alcohol and Other Drug Impairment in Transportation](#)

On best practices for passing a .05 law... Utah Representative Norm Thurston presented at the Lifesavers Conference in San Antonio, Texas, about the steps his state took to propose, draft and pass a [.05 per se BAC limit bill](#). He and Tyson Skeen, the Utah Traffic Safety Resource Prosecutor, also discussed obstacles they encountered through the legislative process and how they navigated them to achieve success. Utah's law will take effect on December 30, 2018. NTSB Board Member Bella Dinh-Zarr testified in support of proposed legislation. NTSB has recommended that all states reduce *per se* BAC limits to .05 or lower.

[Increase Implementation of Collision Avoidance Technologies](#)

The Insurance Institute for Highway Safety has [launched](#) a rear crash prevention ratings program to help consumers identify vehicle models with technology that can prevent or mitigate low-speed backing crashes. Rear crash prevention encompasses several technologies, including parking sensors, rear cross-traffic alerts, and rear automatic emergency braking.

[Strengthen Occupant Protection](#)

The New Hampshire House Transportation Committee failed to pass [HB 1259](#), which would have required all motor vehicle occupants to use a seat belt. New Hampshire is the only state without a requirement for motor vehicle occupants over age 18 to use a seat belt. The NTSB advocates the required use of seat belts in all seating positions.

[Prevent Loss of Control in Flight in General Aviation](#)

On April 24, the Federal Aviation Administration highlighted the benefits of having a "[smart cockpit](#)" to help prevent LOC in flight. The agency encourages taking advantage of the automation available now to make general aviation flights as safe as possible. The FAA and the GA community's national #FlySafe campaign helps educate GA pilots about the best practices to calculate and predict aircraft performance and to operate within established aircraft limitations.

[Require Medical Fitness](#)

In March, the US Committee on the Marine Transportation System hosted a [webinar](#) for mariners on the upcoming changes in the merchant mariner medical certification and took questions on medical certification. Medical certification is one prerequisite for receiving a merchant mariner credential.

[Expand Recorder Use to Enhance Safety](#)

In April, the Transportation Safety Board of Canada [announced](#) it was recommending the mandatory installation of lightweight flight recording systems by all commercial and private business operators not currently required to carry them. The TSB is also concerned with Transport Canada's reactive approach to private business aircraft operations oversight. The details are in the investigation report (A16P0186) regarding the 2016 fatal LOC and collision with terrain of a Cessna Citation 500 near Kelowna, British Columbia.

UPCOMING EVENTS (Look for us here!)

May 21-23
Conference:

May 22
NTSB Board

June 5
Meeting:

June 29-July 2
Conference:

[Association of Ignition Interlocks Program Administrators](#)
(St. Louis, MO)

Meeting:
[Selective Issues in School Bus Transportation Safety: Chattanooga, Baltimore](#)
(Washington, DC)

[National Organizations for Youth Safety Coalition](#)
(Falls Church, VA)

[Family, Career and Community Leaders of America National Leadership Conference](#)
(Atlanta, GA)

Teen Event:
[Global Youth Traffic Safety Month Interactive Experience w/ DE Highway Safety Office and Ford Driving Skills for Life](#) (Dover, DE)

July 7-10 Conference:
[UnidosUS](#)
(Washington, DC)

July 23-29 Conference:
[EAA AirVenture OshKosh](#) w/ NTSB LOC safety standdown event
(OshKosh, WI)

Aug 24-28 Meeting:
[Governors Highway Safety Association](#)
(Atlanta, GA)

Aug 30-Sep 1 Conference:
[14th Annual Kidz in Motion Conference](#)
(Broomfield, CO)

You are receiving this e-newsletter because you have expressed interest in transportation safety and advocacy happenings at the National Transportation Safety Board (NTSB). You can opt out of receiving this information at any time. We look forward to continuing to work with you to prevent accidents and save lives.

NTSB

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