

[www.americanwaterways.com/summerofsafety](http://www.americanwaterways.com/summerofsafety)



# A LEADER IN SAFETY

Setting the bar for proactive safety culture



NTSB









# We Investigate ...



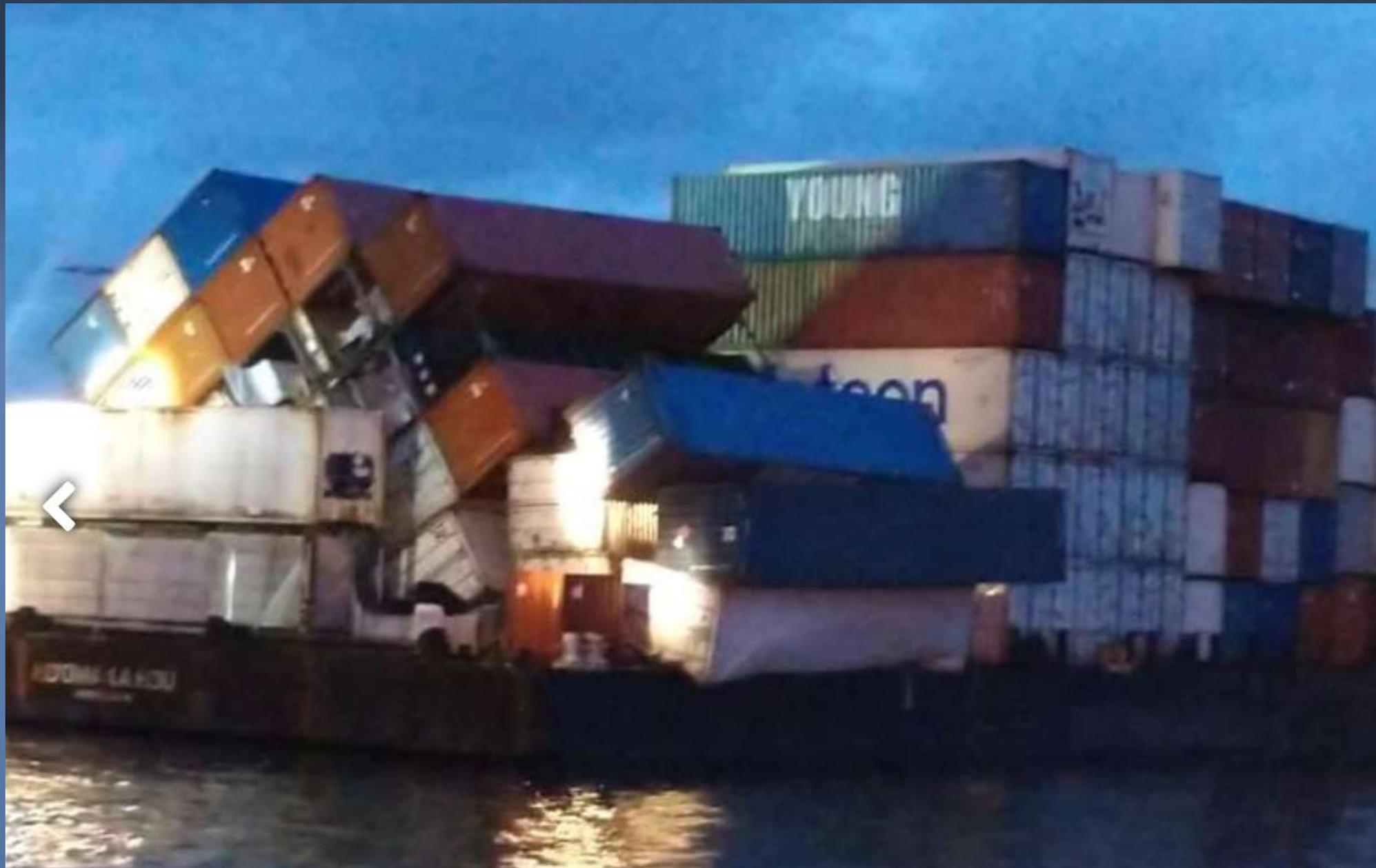
CBS THIS MORNING

DEADLY LIMO CRASH

20 KILLED IN ACCIDENT IN UPSTATE NY

Memorandum of Understanding  
For  
Investigation of Marine Casualties





NTSB



# The Board



Michael Graham



Bruce Landsberg



Robert Sumwalt



Jennifer Homendy



Thomas Chapman

# The Investigators









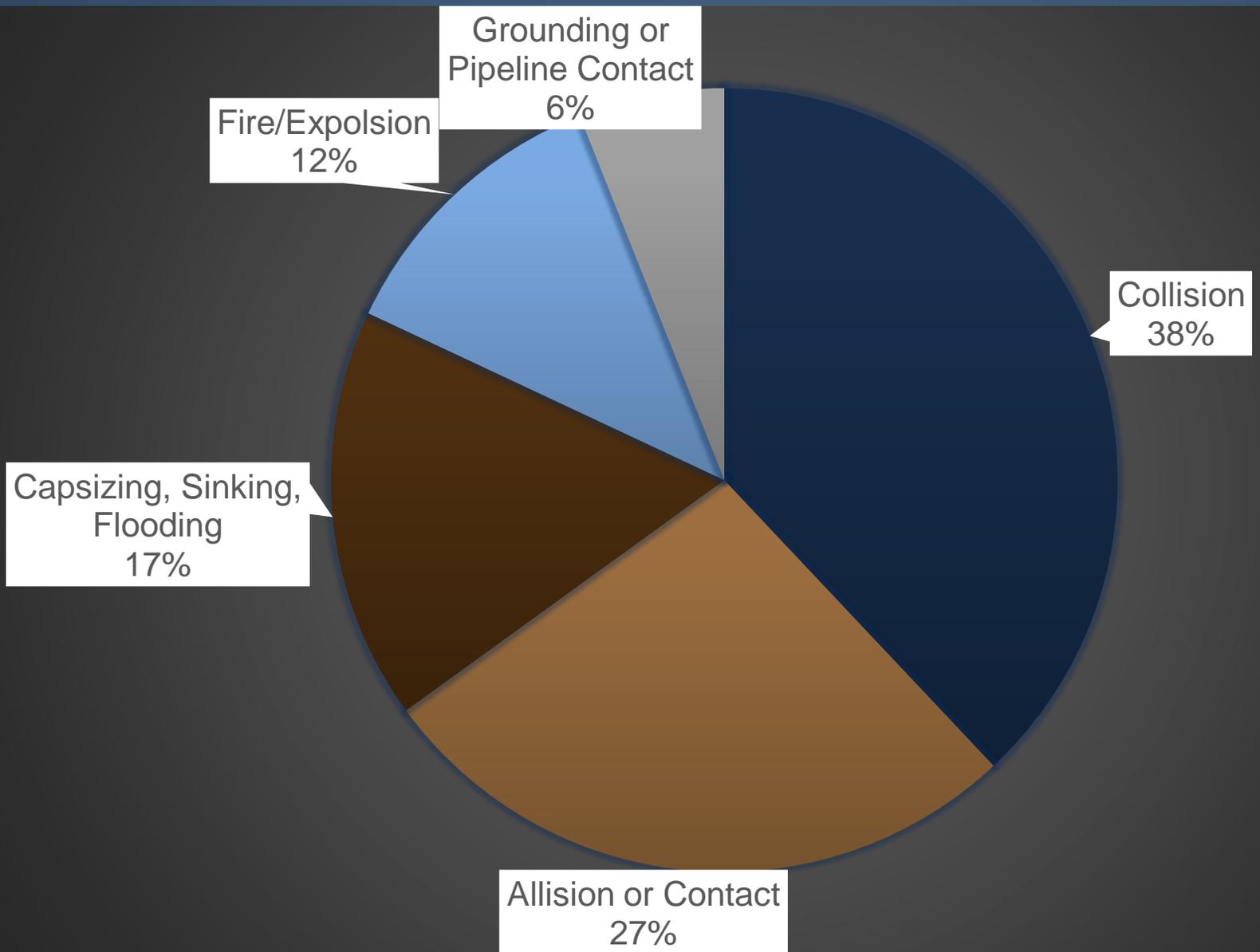
## **MORGAN TURRELL**

Acting Director, Office of Marine Safety

# NTSB towing cases 2015-2019

- 2015 - 7 out of 29 accidents were towing vessels (24%)
- 2016 - 14 out of 40 accidents were towing vessels (35%)
- 2017 - 14 out of 45 accidents were towing vessels (31%)
- 2018 - 13 out of 31 cases were towing vessels (42%)
- 2019 - 19 out of 38 cases were towing vessels (50%)

# Accident Type 2015 - 2019



# NTSB Response Operations Center







NTSB

1300





The Investigation of the Sinking of US Cargo Vessel El Faro



▶ ▶ 🔊 11:20 / 15:24



**CM**

06:04:20.6

06:04:23.9

\* \* \* (even so/slow) the worst weather's up here.

**CAPT**

06:04:24.0

06:04:24.7

correct.

**CAPT**

06:04:27.2

06:04:29.5

so we'll just have to tough this one out.

?

06:04:29.9

06:04:31.1

that's it.

**CM**

06:04:31.1

06:04:35.4

\* \* come down south of the track line.

**CAPT**

06:04:35.7

06:04:36.1

yeah.

**CM**

06:04:37.1

06:04:47.2

either that or it's \* \* merging \* \* Old Bahama Channel when we get when we get there. I would wait. get more information.

**CAPT**

06:04:47.0

06:04:49.3

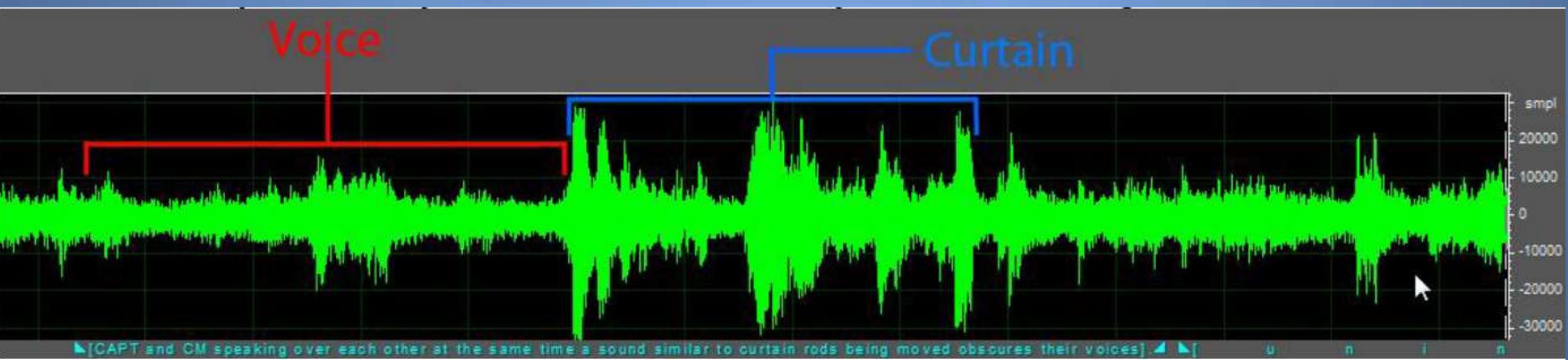
\* \* this information.

**CM**

06:04:48.2

06:04:50.0

yessir yessir.



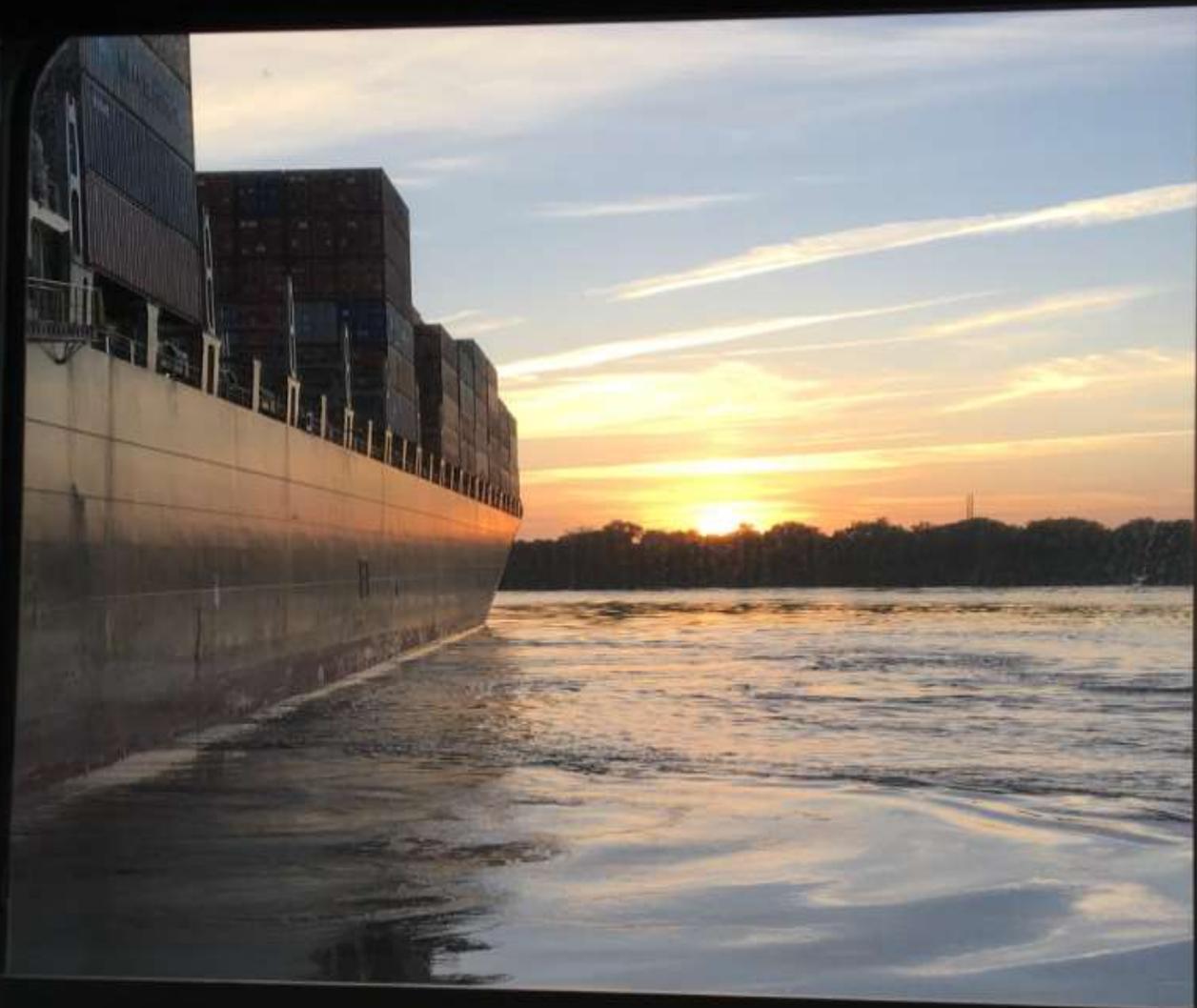






# If your company is involved in an NTSB investigated accident:

1. Become a party member
2. Make party submission
3. Meet with Board Members before Board Meeting





# National Transportation Safety Board



# 2019-2020 NTSB MOST WANTED LIST OF TRANSPORTATION SAFETY IMPROVEMENTS



**Eliminate Distractions**

**Improve the Safety of Part 135 Aircraft Flight Operations**

**End Alcohol and Other Drug Impairment**

**Increase Implementation of Collision Avoidance Systems in All New Highway Vehicles**

**Ensure the Safe Shipment of Hazardous Materials**

**Reduce Fatigue-Related Accidents**

**Fully Implement Positive Train Control**

**Require Medical Fitness—Screen for and Treat Obstructive Sleep Apnea**

**Implement a Comprehensive Strategy to Reduce Speeding-Related Crashes**

**Strengthen Occupant Protection**





# National Transportation Safety Board