Mission

Independently Advancing Transportation Safety

“From tragedy we draw knowledge to improve safety for us all”
Organization

Aviation Safety

Highway Safety

Rail, Pipeline and Hazardous Material

Marine Safety

Research & Engineering

Administrative Support (MD, CIO, CFO, HR etc)
Marine Safety Organization

- 4 Managers
- 11 Marine Investigators
- 2 Human Factors Investigators
- 2 Writer/Editors
- 1 Administrative Officer
Authority - Marine

Major Marine Casualty
- Loss of vessel >100T
- Damage >$500k
- 6 or more fatalities
- Serious threat to life, property or environment by hazmat

Accidents of a recurring nature

Public – Non Public vessel; one fatality or >$75k damage

Significant safety issues relating to USCG safety functions
Dual authorities to investigate
Authority - Marine

NTSB – USCG MOU

- Signed Nov. 2008
- Determines lead for MMC’s
- Ensures interagency communications, cooperation, coordination
- Ensures efficient marine investigation processes

Gather and share factual information
No joint analysis
Separate Reports
Notification and Launch
Go-team travels to scene
Arrival on scene

Organizational Meeting
- Designate parties and party coordinators
- Establish and organize groups

Progress Meetings
- Summarize findings
- Info for briefings

Family Briefings

Press Briefings
Parties to the field investigation shall be limited to those persons, government agencies, companies, and associations whose employees, functions, activities, or products were involved in the accident and who can provide suitable qualified technical personnel to actively assist in the field investigation.
Investigative groups

- Operations
- Engineering
- Survival
- Human performance
- Vehicle performance
- Medical/forensic
- Meteorology
- Recorders
- Fire/Materials
Investigative process

On-scene Investigation
Organizational Meeting
Groups and Parties
Progress meetings
Family Briefings
Media Briefings
Press Releases

Preliminary report
Factual information

Investigative Hearing
Fact finding
Depositions
Witnesses
Docket

Board Meeting
Docket
Findings
Conclusions
Probable Cause
Safety Recommendations

Final Report

Government in the Sunshine Act
Coordination with authorities

- Coast Guard
- First responders
- Federal agencies
- Port authorities
- Pilot commissions
NTSB and FBI

• MOU signed in 2005
• NTSB is lead until a crime is determined
• Procedure for transfer of case
Available FBI assets

- Evidence response teams
- Technical Hazardous Response Unit
Issues of interest

• Distraction
• Bridges and infrastructure
• Vessel traffic services (VTS)
• Passenger vessels, control mode awareness
• DUKW accident
• Cosco Busan, Overseas Reymar
• Summer Wind and Miss Susan
• Seastreak Wall Street
Safety initiatives

- Special Investigative Reports
  - Parasailing
  - Vessel Traffic Service
- Marine accident briefs
- Safer Seas
- Safety Alerts and videos
- Safety Forums
  - Cruise Ship Safety
  - Shared Waterways
- Safety Studies
  - Vessel Traffic Services
Safety Recommendations

• Most Wanted
  • Mass Transit (ferry) Vessel Safety
  • Distraction in Transportation
  • Medical fitness for duty
  • VDR’s
  • Safety Management Systems
  • Fatigue - pilots
Safety Studies and Special Investigative Reports

- Parasail operations
- VTS
Marine Accident Brief (MAB)

See online reports at
http://www.ntsb.gov/investigations/reports.html
New ideas

- **Safer Seas** (eBook)
New ideas

- Safety alert brochures
- Safety alert trading cards
- Short videos
Getting the safety message out

• Tweets @NTSB
• Blogs
• Press releases
• Interviews (TV, magazines…)
• Outreach (industry events)
• Email distribution (list serve)