FTA Safety and Security Programs

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Office of Safety and Security

- Mission: continuous improvement of safety, security, and emergency preparedness in the transit industry
- FTA achieves this primarily through:
  - Regulation and oversight
  - Technical assistance
  - Training
  - Coordination
Office of Safety and Security
Programs and Initiatives

- Continuity of Operations Planning
- Pandemic Flu Planning
- Crisis Management Center
- APTA Emergency Preparedness and Response Program
- Immediate Response to Transit Emergencies Program
- Connecting Communities Forums
- Safety and Security in New Starts
- State Safety Oversight Program
- Drug and Alcohol Program

- Model Bus Safety and Security Program
- Fire/Life Safety
- Safety, Security and Emergency Management Technical Assistance Program
- Safety and Security Website
- Safety and Security Training Program
- Transit Safety and Security Roundtables
- Connecting Communities Program
- Transit Watch Program
Program Deliverables

• Technical assistance materials and training
• Frequently update guidelines and handbooks
• Extensive partnerships during development
• Coordinate with ongoing training efforts
Coordination and Collaboration

• Federal Partners
  – FRA, NTSB, GAO, FHWA, NHTSA, DHS (including TSA and FEMA’s National Preparedness Directorate)

• Industry Associations
  – APTA, CTAA, and AASHTO

• Training and Research Agencies
  – TSI, NTI, National RTAP Program, TRB, and University Transportation Centers
Programs and Initiatives

FTA’s Office of Safety and Security
Emergency Preparedness Programs

- Continuity of Operations Planning (COOP)
- Pandemic Flu Planning
- Crisis Management Center
- APTA Emergency Preparedness and Response Program
- Immediate Response to Transit Emergencies
- Connecting Communities Forums
FTA’s COOP Activities Include

• Development, implementation, and maintenance of FTA’s COOP plan
  – The plan permits FTA to continue its essential functions during a major crisis
• Participation in DOT-wide exercises
• Training FTA personnel
FTA’s Pandemic Flu Activities Include

• Member of the DOT Pandemic Flu Taskforce
• Developing and implementing a Pandemic Flu Plan for the FTA
• Evaluating the pandemic flu impacts on public transit
• Providing guidance to transit systems
• Coordinating with the Department of Homeland Security
  – http://www.pandemicflu.gov/
Crisis Management Center

• Supported during major transportation related events
  – Natural disasters
  – Major accidents
  – Terrorist attacks
• FEMA is also supported by the Office of Safety and Security
Other Emergency Response Activities

- **Support APTA Emergency Preparedness and Response Program**
  - Involves mutual aid agreements with transit agencies and APTA business partners

- **Support of Immediate Response to Transit Emergencies**
  - Provides an emergency activation response in the event of a natural disaster, criminal activity, or safety concern
Connecting Communities Forums

- Emergency preparedness and security forums
- Held by FTA to promote and improve public agency interoperability during emergencies
- Participants include transit agency, police, fire, and emergency management personnel
- Involve hands-on exercises, emergency scenarios, and discussions
  - [http://www.connectingcommunities.net/](http://www.connectingcommunities.net/)
FTA’s Fire/Life Safety Initiatives

• Mass Transit Bus and Rail Transit Vehicle Fire Safety Analysis
  – Involves fire testing and fire hazard analysis of materials used in transit vehicles
  – Will result in an update to Recommended Fire Safety Practices for Rail Transit Materials Selection

• Fire Safety and Analysis Program
  – FTA partnership with National Association of State Fire Marshals
  – Involves analysis of industry data regarding public transportation fires
  – Will result in recommendations for preventing and fighting fires in the public transit environment
Safety and Security in New Starts

- FTA Circular 5800.1, Safety and Security Management in Major Capital Projects
- FTA-sponsored research through TCRP, the UTCs, and in partnership with Operation LifeSaver and APTA.
- FTA guidelines and technical assistance:
  - SSMP FAQs and Training Presentation
  - Transit Safety and Security Certification Handbook
  - Hazard Analysis Guidelines for Transit Projects
  - Rail Transit Safety Action Plan
  - Commuter Rail Safety Study
  - Surveys and research for ongoing issues, such as the deployment of event data recorders on rail transit vehicles, fatigue management programs, and track worker safety programs.
State Safety Oversight (SSO) Program

- Through 49 CFR Part 659, FTA ensures:
  - Safety and security oversight of public rail transit systems
    - Heavy and light rail, trolley/streetcar, inclined plane, automated guideway
- FTA’s program includes:
  - 26 state oversight agencies
  - 43 rail transit systems
  - Three more state oversight agencies may join the program by the end of 2010:
    - Arizona DOT (Phoenix Valley Metro Rail)
    - Virginia DRPT (Hampton Roads Light Rail)
    - DCDOT (Anacostia Streetcar)
FTA’s SSO Program Activities

- SSO Audit Program – 10 audits each year
- Safety and Security Readiness Reviews (SSRRs)
  - 1 New Starts project and the designated State Oversight Agency per year
- Spring Annual Invitational SSO Program Managers Meeting
- Fall Annual SSO Meeting (with states and rail transit agencies)
- Coordination with External Agencies (FRA, NTSB, GAO)
- Technical Assistance and Guidelines
  - Implementation Guidelines, Resource Toolkit, document templates, briefing papers and newsletters
- Research and Special Studies
  - Safety Performance Measurement Guidelines for Industry
  - Fatigue Management Study
  - Rail Transit Safety Action Plan
  - SSO Program Resource Allocation Studies
- SSO Annual Report
- In-depth technical assistance for SSO agencies
- Working Groups and industry outreach
New Initiatives – SSO Training

• SSO Program Managers Training Curriculum
  – FTA has developed a three-tiered training curriculum for SSO Program Managers
  – FTA will work with each SSO Program Manager to develop an Individualized Training Plan (ITP) to establish a schedule to accomplish all Tier 1 and Tier 2 requirements between FY 2008 and FY 2010
    • FTA will provide resources to support the SSO Program Managers in receiving this training, including the costs of travel and course fees
    • FTA will also communicate with executive management in the State agencies to solicit buy-in regarding the importance of this training program
# FTA Approach

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- **Training**
  - Dear Colleague Letter to State Governors & SSO Program Manager Supervisors & State DOT Secretaries
  - FY 2008 to FY 2010 SSO Program Manager Individualized Training Plan Schedule
  - Annual Correspondence with SSO Program Manager’s Supervisor regarding ITP

- **Course Curriculum**
  - Advanced Accident Investigation
  - National Transit Institute
  - National Transportation Safety Board
  - Federal Railroad Administration
  - ASSE Safety Manager Training
  - Rail Transit System Safety
  - Transit Industry Mgmt. Safety
  - Effective Mgmt. Transit Emergencies
  - Rail Transit Accident Investigation
  - Management and Communication
  - Hazard Management & Investigation
  - Auditing and Corrective Actions
  - Training at the Rail Transit Agency
New Initiatives – Track Inspection and Worker Protection

- FTA is implementing an ambitious new program to enhance the level of awareness and technical skills in industry regarding track inspection and track worker safety
- This program has three components:
  - Technical Assistance
  - Training and Outreach
  - Research
- Administrator Simpson announced this program in his “Dear Colleague” letter of May 8, 2007
Track Inspection & Worker Protection

- **Technical Assistance**
  - FTA will update its website with additional technical assistance materials

- **Training and Outreach**
  - Maintenance Oversight Workshops
  - Track Inspection Training
  - Safety and Security Roundtable
  - Transit Watch
  - Outreach and coordination with Executive Leadership
    - APTA, AASHTO and NTSB

- **Research**
  - Partnership with APTA - Rail Transit Standards Program
  - Transportation Research Board
New Initiatives – Safety Performance

• Safety Performance Measurement in the U.S. Transit Industry
  – Study being conducted by Oklahoma State University, Oklahoma Transportation Center

• Objectives
  – Assess the state of the practice used by large, medium, and small transit agencies regarding safety performance measurement and its utilization in decision making.
  – Develop a tool kit for use by transit agencies in establishing effective safety management systems based on performance measures.
Drug and Alcohol Program

- FTA monitors compliance with 49 CFR Part 655
  - Both state and local level
- D&A Program uses a web-based auditing and reporting system
  - System facilitates:
    - reporting of grantee compliance as per Congressional mandates
    - analysis of data used in the determination of the national random testing rate
    - determining and prioritizing candidates for compliance audits
- FTA conducts approximately 40 audits each year
Model Bus Safety & Security Program

• Based on the Memorandum of Understanding
  – Between FTA, AASHTO, APTA and CTAA
• Dear Colleague Letter and new Program Strategies
  – Build on the successful initiatives of the MOU partners
  – Establish Working Group
  – Improve attention to rural and small agencies
  – Identify gaps in industry
  – Identify and develop PRACTICAL tools and templates
  – Stand-up a website for information sharing, on-going communication, and feedback
  – Conduct voluntary onsite reviews to validate technical assistance materials and identify additional effective practices
  – Develop self-assessment tools for industry
Working Group Partnership

- **Purpose**
  - Vital to success of program
  - Provides ongoing access to expertise and different stakeholder perspectives
  - Expands ability to support industry

- **Proposed participation and support**
  - Program development
  - Stakeholder coordination and communication
  - Technical assistance review
  - Answer industry questions
  - Support training curriculum definition and coordination
Outcomes

Program Goals & Outcomes

Subsequent Implementation Baseline

Movement Towards Goal

Continuous Improvement in Safety & Security

Initial Improvement in Safety & Security

Initial Implementation Baseline

Program Techniques & Strategies

Transit Agency Implements
- Management Activities
- Safety Activities
- Security Activities

Communicate/Distribute
- Website
- Workshops/Training
- Teleconferences

Working Group Coordination & Collaboration

Refine/Revise
- Assistance Materials
- Training
- Guidance Documents

Evaluate
- Onsite Reviews
- Self-Assessments
- Performance Measures
Safety, Security and Emergency Management Technical Assistance Program

- Integrates safety, security, and emergency management efforts
- Focuses on an “All Hazards” approach
- Uses a continuous improvement process
- Provides a long-term view
- Clarifies Federal transit security roles between
  - FTA and TSA
  - FTA and other DOT (FHWA and FRA)
- Results
  - Multi-year FTA strategy
  - Technical assistance
  - Targeted and practical products for transit agencies
  - Cooperative inter-governmental programs for transit agencies
Safety and Security Training

- Sponsored by FTA’s Office of Safety and Security through its Strategic Curriculum Development Process
- Includes the development of DHS-approved courses to support funding
- Partners:
  - National Transit Institute (NTI) - http://www.ntionline.com/
    - Rail OCC Response to WMD Incidents
    - Terrorist Activity Recognition and Reaction
    - Toolbox for Transit Operator Fatigue
  - Transportation Safety Institute (TSI) - http://www.tsi.dot.gov
    - Transit System Safety
    - Effectively Managing Transit Emergencies
    - Rail Accident Investigation
Safety and Security Roundtable

- Partnership with the Department of Homeland Security
  - Transportation Security Administration
  - FEMA’s National Preparedness Directorate (formerly G&T)
- Safety and Security Directors/Chiefs from nation’s largest 50 transit agencies
- Representatives from 10 State Oversight Agencies
- Discuss critical issues, emerging trends and management of counter-terrorism decisions
- The next Roundtable will be in December 2007 in Los Angeles, CA
Transit Watch

• Launched in 2003
• Nationwide public awareness outreach campaign
• Encourages the active participation of transit passengers and employees
• Transit Watch Toolkit Campaigns
  – “Look Listen Leave”
  – “Be Alert”
  – “Is This Yours” (Parts 1, 2 and 3)
• New initiatives underway to incorporate safety messages for passengers and employees
FTA’s Special Safety Programs

- Safety Outreach through Operation Lifesaver
  - Partnership with Operations Lifesaver to develop and produce light rail safety messages for adults and school children

- Transit Fatigue Management
  - Reviews current fatigue management practices in the transit industry

- Special Investigations conducted at the request of the Secretary

- Office of the Secretary (OST) Liaison
  - Support Congressional requests for information
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