

# RSAC

## Passenger Safety Working Group



### PROGRESS REPORT

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# Passenger Safety Working Group

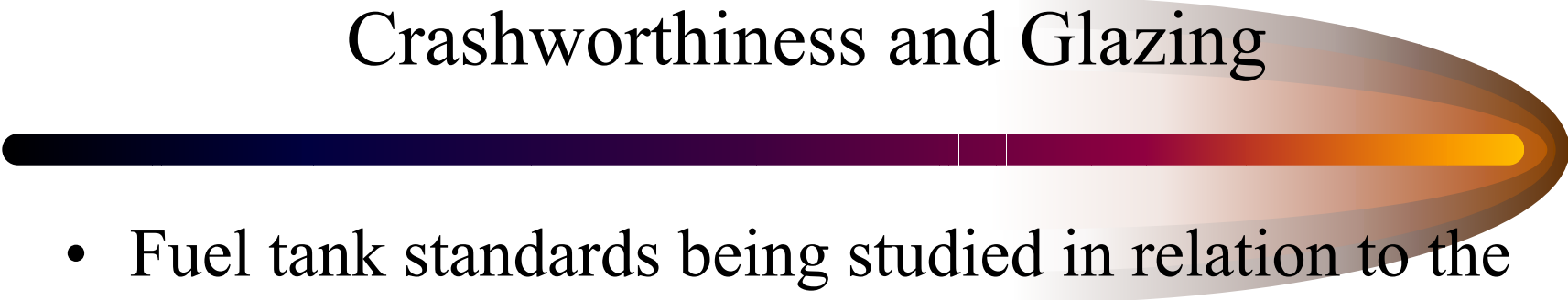
## PROGRESS REPORT



- Four Task Forces are currently working
  - Crashworthiness and Glazing
  - Track-Vehicle Interaction
  - Emergency Preparedness
  - Mechanical Issues and Safety Appliances

# Passenger Safety Working Group

## Crashworthiness and Glazing

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- Fuel tank standards being studied in relation to the proposed APTA standards and in recognition of the approach a new generation of Diesel Multiple Unit (DMU) vehicles.
  - Volpe Center has reported on research dealing with Cab Car collision posts and corner posts.
  - Next meeting February 2-3 in Boston.

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## Track-Vehicle Interaction Task Force



- Review of wheel flange angle, conicity, truck equalization by APTA PRESS committees-*1 year further research anticipated*
- CFR Part 213 and Part 238 Consolidation -*Task Force votes at 02/10/05 Task Force meeting.*
- Following Items, *discussions ongoing*:
  - Instrumented wheel set testing
  - Truck, Carbody Lateral/ Vertical Acceleration
  - Wheel-to-Rail Forces limits revisions
  - Cant Deficiency and Subpart G track standards review
- TF was directed by the working group at 10/26/04 meeting to consider deletion of Class 9 track standards-*discussions ongoing.*

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- Emergency Preparedness
- Mechanical Issues
  - Proposals approved by Working Group.
- Safety Appliances
  - Provisions for existing welded supports for Safety Appliances were considered.
  - Discussions did not produce a consensus.
  - FRA discharged the Task Force from this issue.

# Passenger Safety Working Group



- Next Working Group meeting March 9-10.
- FRA will propose formation of a new Task Force as the Mechanical and Safety Appliance Task Force winds down.
- Next topic to be addressed is General Passenger Safety.
- Fire Safety will continue to be deferred.

# Passenger Safety Working Group

## General Passenger Safety TF Issues



- Boarding, debarking and on board safety.
- Passenger safety in stations:
  - from train movements.
  - platform design criteria.
- Shifted load detectors.
- Hot box/Journal defect detectors
  - wayside.
  - onboard.