



## PUBLIC AGENDA

### Committee for the Safe Transportation of Liquefied Natural Gas by Railroad Tank Car

#### Meeting 2

January 11 & 14, 2021

*Remote meeting via Zoom*

#### Day One, Monday, January 11, 2021

1:00 pm – 4:00 pm EST

1:00    **Welcome and Overview**

**Craig Philip**, Chair

- Review of the study charge, meeting objectives, and agenda
- Participant introductions

1:15    **Sponsor's Remarks on the Study**

**William Schoonover**,

Associate Administrator, Office of  
Hazardous Materials Safety, PHMSA

#### *LNG-FRA Task Force Action Plan Presentations*

1:25    **Tasks Specifically Relevant to LNG Transport by Rail** (See participants list for speakers)

The committee has grouped the following tasks from PHMSA's LNG-FRA Task Force Action Plan as being specifically relevant to the rail transport of LNG by tank car. Subject matter experts from PHMSA and FRA will present information about the following tasks in the action plan and engage in discussion with the committee. Approximately 30 minutes per action plan task will be allotted for

Quantitative Risk Assessment,  
Full-Scale Impact Testing,  
UN T-75 Portable Tank Fire-Testing, and  
Worst Case Scenario.

2:30    **Break** (10 minutes)

3:30    **Tasks Relevant to Hazmat Cargo** (See participants list for speakers)

The committee has grouped the following tasks from PHMSA's LNG-FRA Task Force Action Plan as being relevant to the rail transport of any hazardous material cargoes by

tank car. Subject matter experts from PHMSA and FRA will discuss the following tasks and engage in discussion with the committee. Approximately 20 minutes per task in this category will be allotted for

Loading/Unloading Safety Assessment and  
Evaluate Punctures/Derailment Simulation Model. (Remainder of tasks on Day Two)

4:00 **Adjourn**

## **Day Two, Thursday, January 14, 2021**

11:00 am – 2:30 pm EST

11:00 **Welcome and Overview** **Craig Philip, Chair**

- Review of the study charge, meeting objectives, and agenda
- Participant introductions

11:15 **Tasks Relevant to Hazmat Cargo** (See participants list for speakers)

The committee has grouped the following tasks from PHMSA's LNG-FRA Task Force Action Plan as being relevant to the rail transport of any hazardous material cargoes by tank car. Subject matter experts from PHMSA and FRA will discuss the following tasks and engage in discussion with the committee. Approximately 20 minutes per task in this category will be allotted for

Safety/Security Route Risk Assessment,  
Train Operational Controls,  
Emergency Responder Opinions & Needs, and  
LNG Educational & Outreach Plan.

12:30 **Break** (25 minutes)

12:55 **Tasks Broadly Relevant to Safe Rail Transport** (See participants list for speakers)

The committee has grouped the following tasks from PHMSA's LNG-FRA Task Force Action Plan as fundamental to any rail movements. Subject matter experts from PHMSA and FRA will discuss the following tasks and engage in discussion with the committee. Approximately 10 minutes per task in this category will be allotted for

International Empirical Review,  
Train Energy Dynamics Simulator,  
ECP Brakes,  
Automated Track Inspection, and  
Modal Conversion, Truck & Rail.

2:00 **PHMSA on Significant Task Interdependencies and Plans for Integrating Results from the Action Plan into its Safety Assurance Framework** (See participants list for speakers)

The committee will hear from PHMSA about the ways that the tasks in the Action Plan interact with one another and the agency's plan for using the outcomes from tasks to ensure that the transport of LNG by DOT-113 specification tank cars is safe.

2:30 **Adjourn**

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## LIST OF PARTICIPANTS

### PHMSA:

- William Schoonover – Associate Administrator, Office of Hazardous Materials Safety
- William Quade – Deputy Associate Administrator for Policy and Programs, Office of Hazardous Materials Safety
- Olivia Apple – Special Assistant, Office of Hazardous Materials Safety
- Yolanda Braxton – Director, Program Management, Data, and Statics Division, Office of Hazardous Materials Safety
- Robert Starin – Division Chief for Risk, Data, and Program Management, Office of Hazardous Materials Safety
- Michael Klem – Chemist, Office of Hazardous Materials Safety

### FRA:

- Mark Maday – Staff Director, Hazardous Materials Division, Office of Technical Oversight, FRA
- Phani Raj – Engineer, FRA
- Francisco González, III – Hazardous Materials and Tank Car Project Manager, FRA