

**Government/Industry Pipeline
Research and Development Forum**

Technical Track Session Guidance

New Orleans, LA

February 7-8, 2007

Technical Track Sessions

- Six concurrently running sessions
 - Data Mining/Threat Assessment
 - Excavation Damage Prevention
 - Direct Assessment
 - Defect Detection/Characterization
 - Defect Remediation/Repair/Mitigation
 - New Fuels Transportation
- Three different session phases between Day 1 & 2
- Session Report-Out on Day 2

Technical Track Sessions

- Objective – High Level
 - Develop a consensus agenda of gaps & challenges for future R&D
 - Identify both short and long term research objectives
 - Conduct basic roadmapping on identified top 3 needs
 - Report-out session results

Technical Track Sessions

- Phase 1 (1PM-5PM Day 1)
 - Session objectives conveyed
 - Resonate to any related high level gaps or challenges presented on morning of Day 1
 - Review existing research efforts or field studies via invited presentations or discussions.
 - Eliminate challenges that existing research efforts are addressing
 - Identify top 3 or more remaining challenges requiring new research projects.

Technical Track Sessions

- Phase 2 (9AM-11:30AM Day 2)
 - Restate the list of remaining challenges identified during Phase I session.
 - Using the top three or more challenges, identify if it addresses technology development, consensus standards strengthening or general knowledge.
 - Identify if the challenge is short term (1-3 years) or long term (more than 3 years) in nature.
 - Identify the impacted pipeline type (identify all that apply: liquid transmission, gas transmission, gas distribution metallic, gas distribution non-metallic) and operation area (identify all that apply: offshore, onshore or arctic).

Technical Track Sessions

● Conduct mini roadmapping

1. New or Improved Technology

- a. What pipeline type(s) does the technology target?
- b. What operating environment(s) would the technology operate?
- c. What are any functionality and or performance requirements?
- d. What road blocks or barriers prevent the technology deployment?
- e. What are anticipated targets or timeframes to complete this research?

2. New or Revised Consensus Standards (standards, guidelines or recommend practices)

- a. Does the need address safety or specification related consensus standards?
- b. Which standard developing organization and which consensus standard name and number is affected?
- c. What pipeline type(s) does the consensus standard target?
- d. What operating environment(s) does the consensus standard target?
- e. What technical details are necessary and recommended?
- f. Can any targets or timeframes be identified to complete this research?

3. Creation and Dissemination of General Knowledge

- a. What pipeline type(s) does the new knowledge target?
- b. What operating environment(s) does the new knowledge target?
- c. What technical details are necessary and recommended?
- d. Can any targets or timeframes be identified to complete this research?

Technical Track Sessions

- Phase 3 (1PM-2:30PM Day 2)
 - Continue and wrap up discussions on the road mapping details
 - Use the remaining time and audience members to complete the report-out template
- Reporting Session Results (2:45PM-3:45PM Day 2)
 - Madewood A&B
 - Please wait until room A & B are combined before entering
 - Session leaders bring report out file to registration desk while we wait
 - Given by session leaders or designate
 - 10 minutes each

Finally

- Participate and enjoy!