

Pipeline R&D Forum

Technical Track 3 – Inspection / Repair / Leak Detection

Agenda

Wednesday, March 23, 2005 8:30 AM – 12 PM 1st Technical Track Session:

The 1st Session focuses on dissemination of ongoing efforts with presentations from respective research programs.

The Road Map can be used a resource document to prepare you for these discussions.

We will discuss gaps / challenges from yesterdays discussions.

1. What were the technical gaps and challenges noted from the high level stakeholder presentations?
2. Were there additional technical gaps and challenges not identified from the high level stakeholder presentations?
3. What ongoing research & development has been awarded to address these technical gaps and challenges?
4. Which technical gaps and challenges still exist that ongoing research & development will not cover?
5. What should be the priority funding order of this list of remaining technical gaps and challenges?
6. Using the top five prioritized technical gaps and challenges in a basic road mapping exercise, what more can be elaborated upon with ultimate research goals?

Presentations

Rita Freeman-Kelly OPS – An OPS Perspective

Chris Buckingham SWRI – Leak Detection

Al Teitsma GTI/ Tom Picciott Niagara Mohawk– Unpiggable / Sensors for transmission and distribution

Wednesday, March 23, 2005 1:30 PM – 5 PM 2nd Technical Track Session:

The 2nd Session continues disseminating current research initiatives with short discussions after each presentation. This is where gaps and challenges can be eliminated leaving only an itemized list for future research.

Presentations

Carl Popelar Consultant– Inspection for Mechanical Damage

Walter Kresic Enbridge – When to repair

We will capture the top five gaps and challenges and attempt to answer; What, Who, When and How much?

We can use following questions to facilitate basic road mapping of these top five technical gaps and challenges:

1. Does this technical gap or challenge require a new/revised tool or technology to be developed?

- 1a. Can any functional and or any performance requirements be identified?
- 1b. What customers/stakeholders would ultimately be reached or would utilize this research?
- 1c. Can any road blocks or barriers be identified that may make us unsuccessful?
- 1d. Can any targets or timeframes be identified to complete this research?

2. Does the need require new or revisions to consensus codes, standards, guidelines or recommend practices?

- 2a. What type of new consensus codes, standards, guidelines or recommend practices are required?
- 2b. Which ones by name require updating/revisions to for addressing current regulatory requirements and industry best practices?
- 2c. What customers/stakeholders would ultimately be reached or would utilize this research output?
- 2d. Can any targets or timeframes be identified to complete this research?

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Thursday, March 24, 2005 8:30 AM – 9:45 AM 3rd Technical Track Session:

Continue and wrap up discussions on the ultimate goals for the top five prioritized gaps and challenges. Begin to use the remaining time to formulate the report out for our session.

Thursday, March 24, 2005 10 AM – 11:30 AM Technical Track Session Report-Outs:

We will select/elect a reporter for the report outs. The reporter will identify the session subject, discussions covered and resulting consensus in a structured question approach.

- 1. What is the State of Research Today?** (Identify the research programs who presented in your session. Provide a high level discussion of the types of ongoing research.)

- 2. What is the Future Research Required?** (Identify your session's top five and discuss on each whether the need fits technology development or strengthening consensus standards. Feel free to mention other aspects of this need as answered for sub-questions 1a-d or 2a-d.)