



PIPELINE INTEGRITY VERIFICATION PROCESS



Westin Arlington Gateway
Arlington, VA
August 7, 2013



Welcome Everyone!!

- **Today's agenda is very detailed and informative**
 - Several focused perspectives and experience handling vintage systems
 - Thank you to all participating moderators, speakers, companies and organizations for supporting!
- **IVP Flowchart** – Make sure you pick up a copy (registration desk/meeting webpage) or see the hanging large sized printouts



Today's Event

- **Morning Agenda** – Identifying Drivers, Making the Performance Case, Presenting the Proposed Process and Open Floor Q&A
- **Lunch** – On your own but see restaurant list at registration desk
- **Afternoon Agenda** – Additional Perspectives, Operator Experience and Open Floor Q&A
- **Summary, Next Steps and Adjournment**



Today's Event Files

- **All presentation files, handouts and webcast recording will be available via the meeting page:**

<http://primis.phmsa.dot.gov/meetings/MtgHome.mtg?mtg=91>

- **Don't forget that you can comment on the Docket #PHMSA-2013-0119 via <http://www.regulations.gov>**

(Closes 9/9/2013)



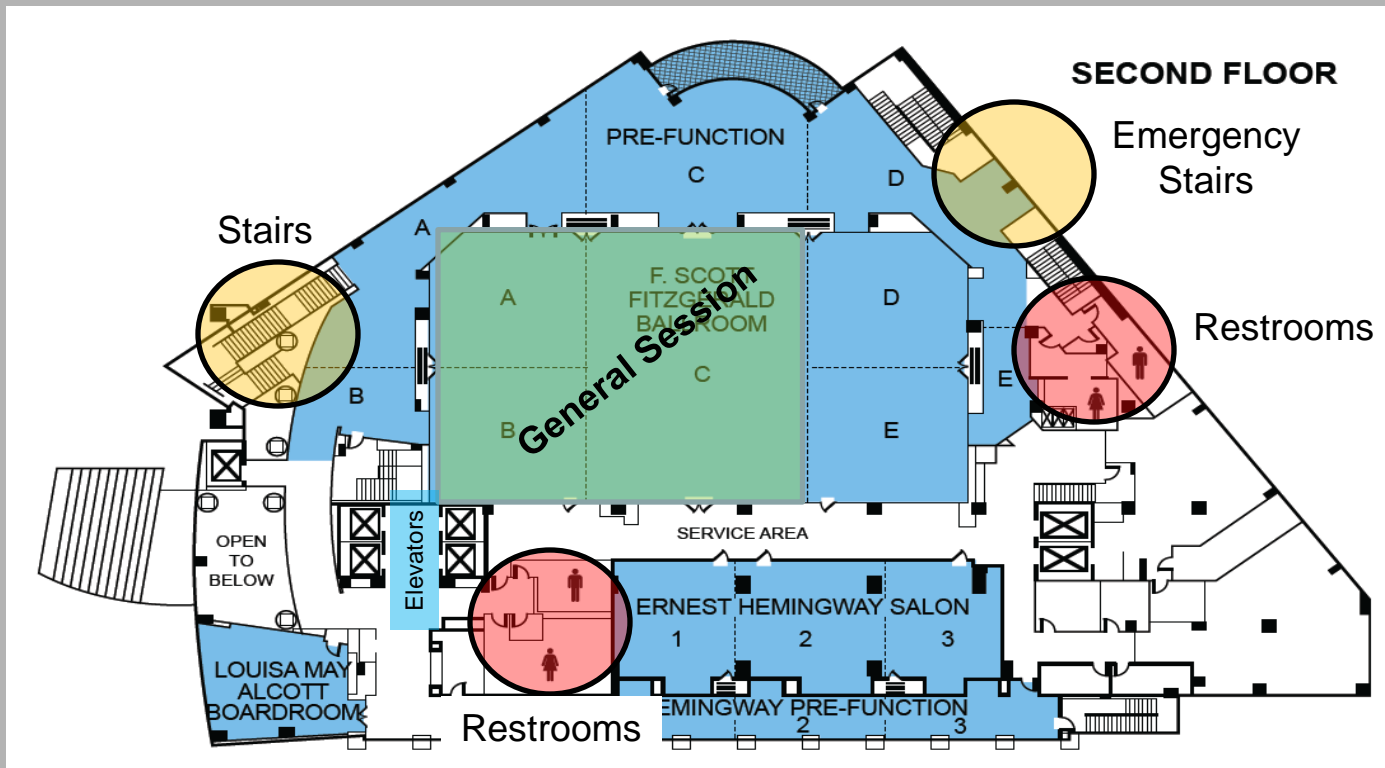
Speak Up/Out!

- **Open Floor Questions after Morning & Afternoon Sessions – See Agenda!**
 - Floor & Roaming Mics
 - Index Cards at Registration Desk
 - Webcast Audience – Email your questions via the provided email address on your screen



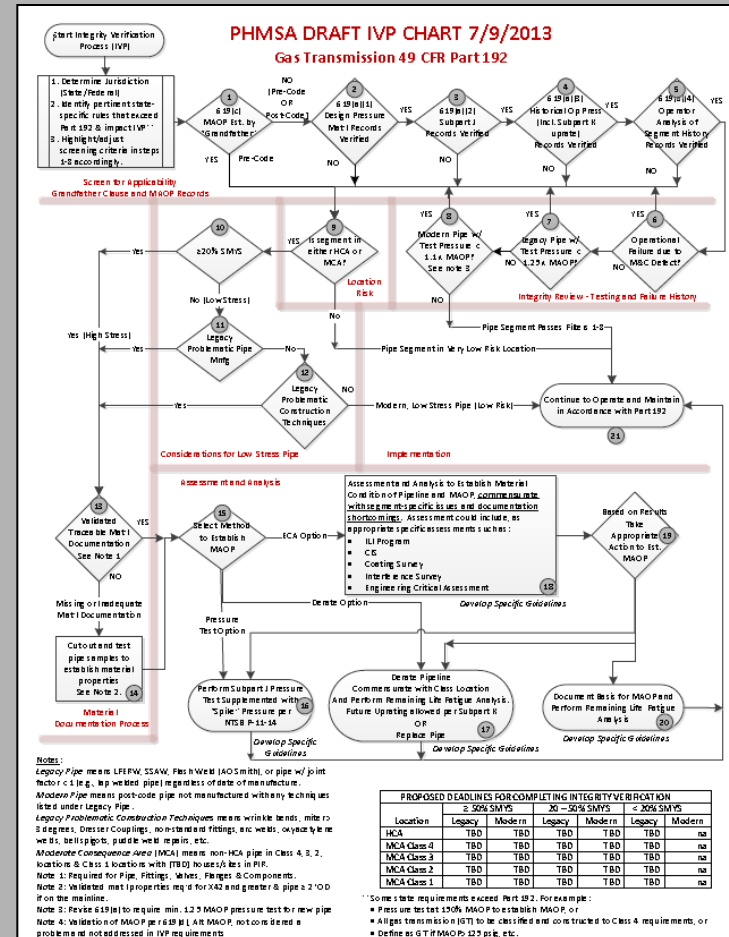
Housekeeping Items

- Emergency Exits
- Restrooms
- Cell Phones
 - Put on vibrate!
 - Turn off ringer!



Your Role Here is Important!

- We will present information/seek feedback on the proposed Integrity Verification Process
- Public comments to be captured here today and via DOT Docket:
 - Docket #PHMSA-2013-0119
 - <http://www.regulations.gov>





Why are we here today?

- PHMSA has a number of Congressional mandates and NTSB recommendations.
- They are interrelated and address legacy issues:
 - Grandfather
 - MAOP records and pressure testing
 - Seam stability
 - Piggability
- PHMSA desires to address these issues in a single, comprehensive process that is:
 - Structured
 - Risk focused
 - Reasonable



Congressional Mandates

- ***PSA §23(a) 60139(d) mandate “Testing Regulations”***
 - requires either pressure testing or alternative equivalent means such as ILI program for all **Gas Transmission steel pipe (Class 3, 4 and all HCAs) not previously tested**;
 - Establish MAOP verification options that are equivalent to pressure testing
 - Address Class 1 and 2 pipe in higher risk locations to address related NTSB recommendations



Congressional Mandates

- ***PSA §23(a) 60139(a) & (b)*** - requires operators to identify pipe segments for which they do not have **records to substantiate MAOP**.
 - Higher risk pipe
 - Strategy for addressing/correcting segments without adequate records;
 - Process accommodates actions necessary commensurate with specific documentation shortcomings on a segment-specific basis



NTSB Recommendations

- ***NTSB P-11-14 “Delete Grandfather Clause”*** - recommends all grandfathered pipe be **pressured tested, with a “spike” test**;
 - Higher risk pipe
 - Process options to establish MAOP for Grandfathered pipe using other equivalent means in accordance with Statutory Mandate



NTSB Recommendations

- ***NTSB P-11-15 “Seam Stability”*** - recommends pressure test to 1.25 x MAOP before treating latent manufacturing and construction defects as “stable.”
 - Higher risk pipe
 - Establish process that addresses seam stability in conjunction with “grandfather” clause issue (integrate with the spike test)
 - Include process options to establish seam stability using other equivalent means



NTSB Recommendations

- **NTSB P-11-17 “Piggability”** - recommends all GT pipelines be upgraded to “piggable”
 - 119,026 Total Miles Not Piggable
 - ILI tools not commercially available for most very small lines (~ 22,018 miles of GT \leq 4” Diameter)
 - Establish process that motivates operators to upgrade lines to the maximum extent practicable



Important !

- Costs, processes, and timeline needs your input to the Docket
- Suggest alternatives to achieve mandates
- Documentation on a pre-1970 and post-1970 pipeline is important: i.e. **"know your system"**



A Perspective from the National Transportation Safety Board

Honorable
Christopher A. Hart,
Vice Chairman, NTSB



Summary of Natural Gas Transmission Pipeline Annual Report Data

Blaine Keener
National Field Coordinator
DOT/PHMSA



Morning Break

Reconvening at 10:40AM



PHMSA's Approach for the Integrity Verification Process

Steve Nanney

Senior Engineer
DOT/PHMSA



Morning Session for Questions & Answers

Moderator:

Alan Mayberry

**Deputy Associate Administrator
for Pipeline Field Operations
DOT/PHMSA**



Lunch Break

**See Restaurant List at
Registration Desk**

**Reconvening/Returning Here
at 1:30PM**



A Perspective from the National Association of Pipeline Safety Representatives

Jim Hotinger

Assistant Director,
Division of Utility and Railroad Safety,
Virginia State Corp. Comm.



A Perspective from the Pipeline Safety Trust

Carl Weimer

**Executive Director
Pipeline Safety Trust**



Panel 1: Intrastate Pipeline Industry Perspectives on IVP

Moderator:

Randall Knepper

**Director, Safety Division,
New Hampshire Public Utilities Commission**



Afternoon Break

Reconvening at 3:20PM



Panel 2: Interstate Pipeline Industry Perspectives on IVP

Moderator:

Steve Nanney

Senior Engineer
DOT/PHMSA



Afternoon Session for Questions & Answers

Moderator:

Alan Mayberry

**Deputy Associate Administrator
for Pipeline Field Operations
DOT/PHMSA**



Summary & Next Steps

- **Together we've identified items for further consideration as we develop the Integrity Verification Process – Thank You!**
- **All event files to be posted shortly at:**
<http://primis.phmsa.dot.gov/meetings/MtgHome.mtg?mtg=91>
- **Public Comments Still Sought!**
 - Docket #PHMSA-2013-0119 (Closes 9/9/2013)
 - <http://www.regulations.gov>



Thank You/Safe Travels!

- **To all of you for your time and effort!**
- **We are together making a difference!**
- **Safe travels going home!**