



U.S. Department of Transportation  
Pipeline and Hazardous Materials  
Safety Administration

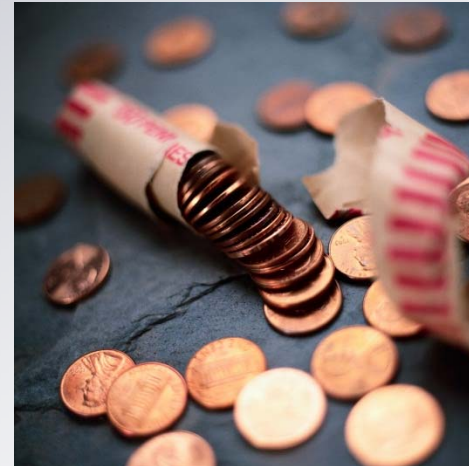


# Regulatory and Compliance Landscape



## First Question of the Day

- Which is worth more?
- 1978 pennies or 1987 pennies









# Current Rulemakings in Process

## Safety of On-Shore Hazardous Liquid Pipelines (NPRM stage)

- ❑ ANPRM published 10/18/2010
- ❑ Comment period closed January 18, 2011
- ❑ NPRM drafted and undergoing review
- ❑ NPRM anticipated in fall 2012
- ❑ Major topics under consideration:
  - Scope of the pipeline safety regulations for hazardous liquid lines ◆
  - Criteria for designation as a High Consequence Area (HCA) ◆
  - Leak detection and Emergency Flow Restricting Devices ◆
  - Valve spacing ◆
  - Repair criteria in non-HCA areas
  - Stress Corrosion Cracking (SCC)



Congressional Mandate










NTSB Recommendation



# Current Rulemakings in Process

## Safety of Gas Transmission Lines (NPRM stage)

- ☐ ANPRM Published 8/25/2011
- ☐ Comment period closed 1/20/2012
- ☐ Topics under consideration:
  - Definition of HCA 
  - Repair criteria 
  - Assessment methods  
  - Corrosion control
  - Grandfather exception 
  - Gas gathering
  - Valves (remote control and spacing)  
- ☐ Developing NPRM



Congressional Mandate



NTSB Recommendation



# Current Rulemakings in Process

## Gas Transmission II

### □ This rule will address:

- Data from revised Gas Transmission Annual Report (approved by OMB on 12/5/2012)
- Grandfather clause
- Miles of GT pipe for which operators have incomplete records to verify their MAOP
- Piggability of Gas Transmission lines



# Current Rulemakings in Process

## Excavation Damage Prevention (NPRM stage)

- ☐ Rulemaking to enforce damage protection laws in States that have inadequate enforcement to protect safety. Complies with PIPE's Act 60114(f).
- ☐ NPRM published 4/2/2012
- ☐ Comment period closed 7/9/2012
- ☐ Reviewing comments



# Current Rulemakings in Process

## Excavation Damage Prevention (NPRM stage) Cont.

- Proposals in the Excavation Damage NPRM include:
  - Criteria and procedures for determining adequacy of state pipeline excavation damage prevention law and enforcement programs ◆
  - Administrative process for making adequacy determinations ◆
  - Requirements PHMSA will enforce in states with inadequate excavation damage prevention law enforcement programs ◆
  - Adjudication process for administrative enforcement proceedings against excavators where Federal authority is exercised. ◆
  
- Reviewing comments on NPRM



Congressional Mandate



NTSB Recommendation





# Current Rulemakings in Process

## Miscellaneous Rulemaking (FR coming)

- ☐ Addressed several miscellaneous amendments to the PSR based on petitions for rulemaking, NAPSR recommendations and staff initiative.
- ☐ NPRM published 11/29/2011
- ☐ Comment period expired 3/6/2012
- ☐ TAC meeting vote in July 2012



- If someone says "I always lie", are they telling the truth?  
Or are they lying?



# Current Rulemakings in Process

## EFV Expansion beyond Single Family Residences (ANPRM stage)

- Rule will evaluate whether EFVs should be required for:
- branched service lines serving more than one single family residence ♦ ▲
  - multi-family residential dwellings ♦ ▲
  - commercial buildings ♦ ▲
  - public buildings ♦ ▲
  - industrial facilities. ♦ ▲



Congressional Mandate



NTSB Recommendation



# Current Rulemakings in Process

## **EFV Expansion Beyond Single Family Residences (ANPRM stage) Cont.**




- ❑ ANPRM published 11/25/2011
- ❑ Comment period closed 3/19/2012
- ❑ Approximately 20 comments received
- ❑ Developing a census (through Info collection process) of gas distribution operators to obtain cost-benefit information for the rulemaking
  - published on 5/15/2012
  - comments ending 7/16/2012





# Current Rulemakings in Process

## Standards Update (Developing NPRM)

- ☐ Addresses the set of IBR standards throughout PHMSA's part 192, Part 193 and Part 195 code with updated revisions of standards from all standard organization bodies.
- ☐ This NPRM would address about 30 of the 60 standards that we currently IBR.
- ☐ Per recent statute all IBR standards pertaining to 60102 shall be available free of charge over the Internet. PHMSA is working to find a resolution with the standard organizations and with the rule itself. 
- ☐ Public Workshop held July 13 at DOT HQ in DC on standards mandate requirement 
- ☐ Address Truck Transport of Pipe 



Congressional Mandate



NTSB Recommendation



# Current Rulemakings in Process

## Part 190 (Developing NPRM)

- Addresses issues related to Part 190 and with reauthorization issues related to:

- OPA enforcement ◆
- civil penalties ◆
- Administrative enforcement process ◆

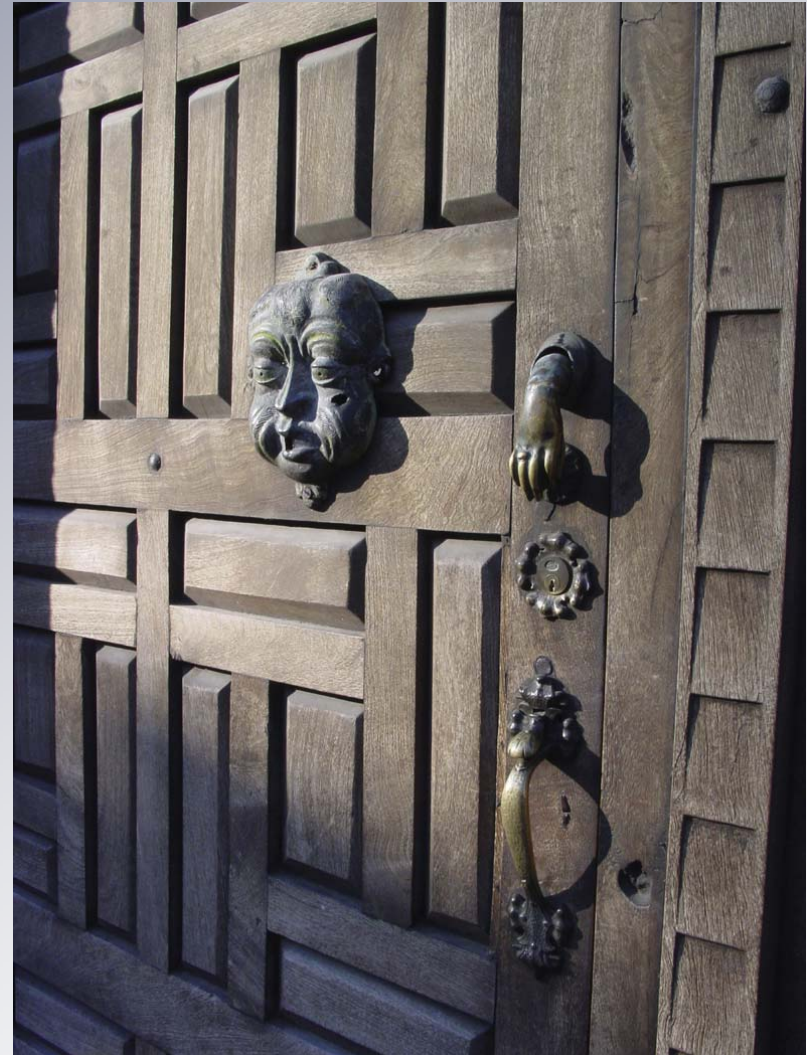
Published NPRM 8/13



Congressional Mandate



NTSB Recommendation





# Current Rulemakings in Process

## Miscellaneous II

□ This rule will address reauthorization issues related to:

- Incident Reporting ◆
- Cost Recovery ◆
- Exceedance of MAOP ◆
- Biofuels ◆
- Carbon dioxide ◆
- Renewal process for special permits ◆
- Other issues to be determined



Congressional Mandate



NTSB Recommendation





# Current Rulemakings in Process

## Mapping (Developing NPRM)

### □ Rule topics considered:

- Improving data accuracy (currently 500 ft.)
- Collection of data on pipeline attributes including:
  - Diameter
  - Pump/compressor locations
  - MAOP/MOP
  - Pipe grade
  - Operating SMYS
  - Piggability
  - Leak detection



# Current Rulemakings in Development

## NFPA 58/59

- ❑ Section 192.11 which states that with a conflict between 192 and NFPA 58 or 59, NFPA 58 or 59 shall apply improving data accuracy (currently 500 ft.)
- ❑ Update the IBR revision for NFPA 58 and 59 to revision 2011 and 2012, respectively. ◆



Congressional Mandate



NTSB Recommendation



# Current Rulemakings in Development

## Plastic Pipe

□ Developing an ANPRM to address the following plastic pipe topics:

- Focus on gas lines
- Composite pipe petitions
- Authorized use of PA12 at higher pressures
- AGA petition to raise D.F. from 0.32 to 0.40 for PE pipe
- Characterization of "Plastic Pipe" to "Non-metallic pipe"
- Enhanced Tracking and traceability

(Some of these topics may result in new IBR materials) ◆



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NTSB Recommendation



# Current Rulemakings in Development

## NACE Standards

- ❑ This proposed rule would incorporate by reference consensus standards governing conduct of assessment of the physical condition of in service pipelines.
- ❑ Assessments of the physical condition of in-service pipelines used include:  
(Standards availability )
  - In-line inspection
  - Internal corrosion direct assessment
  - Stress corrosion cracking direct assessment
- ❑ Incorporation of the consensus standards would assure better consistency, accuracy and quality in pipeline assessments conducted using these techniques.



Congressional Mandate



NTSB Recommendation





# Pending Rulemakings

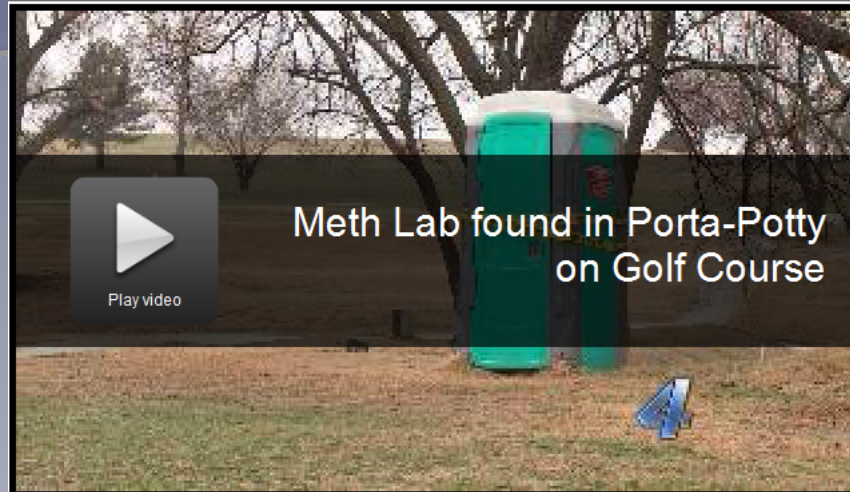
## Mandates that require additional study and/or rule

- ❑ Leak Detection Workshop held March 27. ◆
  - Contract has been initiated and anticipate completion in fall 2012
- ❑ Valves (remote controlled) Workshop held March 28 ◆ ▲
  - Contract has been initiated and anticipate completion in fall 2012
  - Comptroller General also required to do study (retrofit)◆



Congressional Mandate

NTSB Recommendation



PURCELL, Okla. – Under cover drug agents defuse a mini meth lab found inside a porta-potty in the middle of a golf course Tuesday in Purcell.

Staffers noticed strange sports drink bottles with chemicals inside the porta-potty and called police.

**Officers arrived and soon realized someone had been inside making meth using the “shake and bake” method.**

**Three bottles were found, two of them exploded before detectives arrived.**

Agents were able to neutralize the third one without the harmful chemicals erupting.

**“If someone would have been in the porta-pot when it happened they might have gotten hurt by the flying plastic and the chemicals,” Purcell Dt. Cpl. Scott Stephens said.**

Investigators said they have a lead on one suspect but said they believe others could be involved.

The inside of the unit was damaged but agents were able to submit latent fingerprints to a crime lab.





# Current Rulemakings in Process

## Safety of On-Shore Hazardous Liquid Pipelines (NPRM stage)

- ❑ NPRM drafted and undergoing OST review
- ❑ ANPRM published 10/18/2010
- ❑ Major topics under consideration:
  - Require Assessments beyond High Consequence Areas (HCAs)
  - Leak detection and Emergency Flow Restricting Devices \*
  - Repair criteria in HCA and non-HCA areas\*
  - Stress Corrosion Cracking (SCC)
  - Require Piggability for all HCAs
  - Extend reporting to all Gathering lines
  - Remove exceptions for gravity lines

\*Congressional Mandate  
\*\*NTSB Recommendation





# Current Rulemakings in Process

## Safety of Gas Transmission Lines (NPRM stage)

- ❑ Draft Under Review by Legal
- ❑ ANPRM Published 8/25/2011
- ❑ Major Topics under consideration:
  - Expand assessments beyond HCAs
  - Repair criteria \*
  - Assessment methods \* \*\*
  - Corrosion control
  - Expand gas gathering reporting requirements
  - Management of change
  - Seismicity rqts \*
  - MAOP exceedance reporting \*

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\*Congressional Mandate  
\*\*NTSB Recommendation



# Current Rulemakings in Process

## Excavation Damage Prevention (Final Rule stage)

- ☐ Review(Internal) Draft of Final Rule
- ☐ Adv. Committee approval vote December 2012
- ☐ NPRM published 4/2/2012
- ☐ Major Topic
  - Enforce damage protection laws in States that have inadequate enforcement to protect safety. Complies with PIPE's Act 60114(f).



# Current Rulemakings in Process

## Miscellaneous Rulemaking (Final Rule stage)

- ☐ Final Rule Draft Under Review by Legal
- ☐ Adv. Committee approval vote in July 2012
- ☐ NPRM published 11/29/2011
- ☐ Major Topics
  - performance of post-construction inspections
  - leak surveys of Type B onshore gas gathering lines
  - requirements for qualifying plastic pipe joiners
  - regulation of ethanol
  - the transportation of pipe



# Current Rulemakings in Process

## EFV Expansion beyond Single Family Residences (NPRM stage)

- ☐ Draft of NPRM under Review by Legal
- ☐ ANPRM published 11/25/2011
- ☐ Major Topics
  - Rule will propose to require EFVs for:
    - branched service lines serving more than one single family residence \* \*\*
    - multi-family residential dwellings \* \*\*
    - commercial buildings \* \*\*

\*Congressional Mandate  
\*\*NTSB Recommendation



# Current Rulemakings in Process

## Standards Update (NPRM stage)

### ☐ Preparing NPRM Draft for Review

### ☐ Major Topics:

- Addresses the set of IBR standards throughout PHMSA's part 192, Part 193 and Part 195 code with updated revisions of standards from all standard organization bodies.
- This NPRM would impact about 30 of the 60 standards that we currently IBR.
- Per recent statute all IBR standards pertaining to 60102 shall be available free of charge over the Internet. (Most SDOs comply) \*
- Address Truck Transport of Pipe \*\*

\*Congressional Mandate  
\*\*NTSB Recommendation





# Current Rulemakings in Process

## Part 190 (Final Rule stage)

- ☐ PHC completing draft of final rule
- ☐ Adv. Committee approval vote December 2012
- ☐ NPRM published 8/13/2012
- ☐ Major Topics
  - Addresses issues related to Part 190 and with reauthorization issues related to:
    - OPA enforcement \*
    - Civil penalties \*
    - Administrative enforcement process \*

\*Congressional Mandate  
\*\*NTSB Recommendation



# Current Rulemakings in Process

## Miscellaneous II (NPRM stage)

❑ This rule will address reauthorization issues related to:

- Incident Reporting \*
- Cost Recovery \*
- Carbon dioxide\*
- Renewal process for special permits
- Other issues to be determined
- OQ

\*Congressional Mandate  
\*\*NTSB Recommendation



# Current Rulemakings in Process

## Mapping (NPRM Stage)

- ❑ This rule will address issues related to:
  - Improving data accuracy (currently 500 ft.)
  - Collection of data on pipeline attributes including:
    - Diameter
    - Pump/compressor locations
    - MAOP/MOP
    - Pipe grade
    - Operating SMYS
    - Piggability
    - Leak detection



# Current Rulemakings in Process

## Plastic Pipe (ANPRM stage)

- ❑ Developing an ANPRM to address the following plastic pipe topics:
  - Focus on gas lines
  - Composite pipe petitions
  - Authorized use of PA12 at higher pressures
  - AGA petition to raise D.F. from 0.32 to 0.40 for PE pipe
  - Enhanced Tracking and traceability



# Current Rulemakings in Process

## Mandates that require additional study and/or rule

### ☐ Leak Detection

- Preparing Reg Support Paper
- Study submitted to Congress December 2012
- Workshop held March 27. \*

### ☐ Valves (remote controlled)

- Preparing Reg Support Paper
- Workshop held March 28
- Study submitted to Congress December 2012 \* \*\*
- Comptroller General also required to do study (retrofit)

\*Congressional Mandate  
\*\*NTSB Recommendation



