

ARPA-e “REPAIR” Workshop

Pipeline and Hazardous Materials Safety Administration

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Department of Transportation

Pipeline & Hazardous Materials Safety Administration

Office of Pipeline Safety

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U.S. Department of Transportation

Pipeline and Hazardous Materials
Safety Administration

To Protect People and the Environment From the Risks of
Hazardous Materials Transportation



Gas & Liquid Pipeline Regulations

- 49 Code of Federal Regulations Parts 190-199
 - 190: Enforcement Procedures
 - 191: Reporting Requirements
 - 192: Natural and Other Gases Safety Requirements
 - 193: Liquefied Natural Gas Safety Requirements
 - 195: Hazardous Liquid Pipeline Safety Requirements
 - 199: Drug & Alcohol Testing
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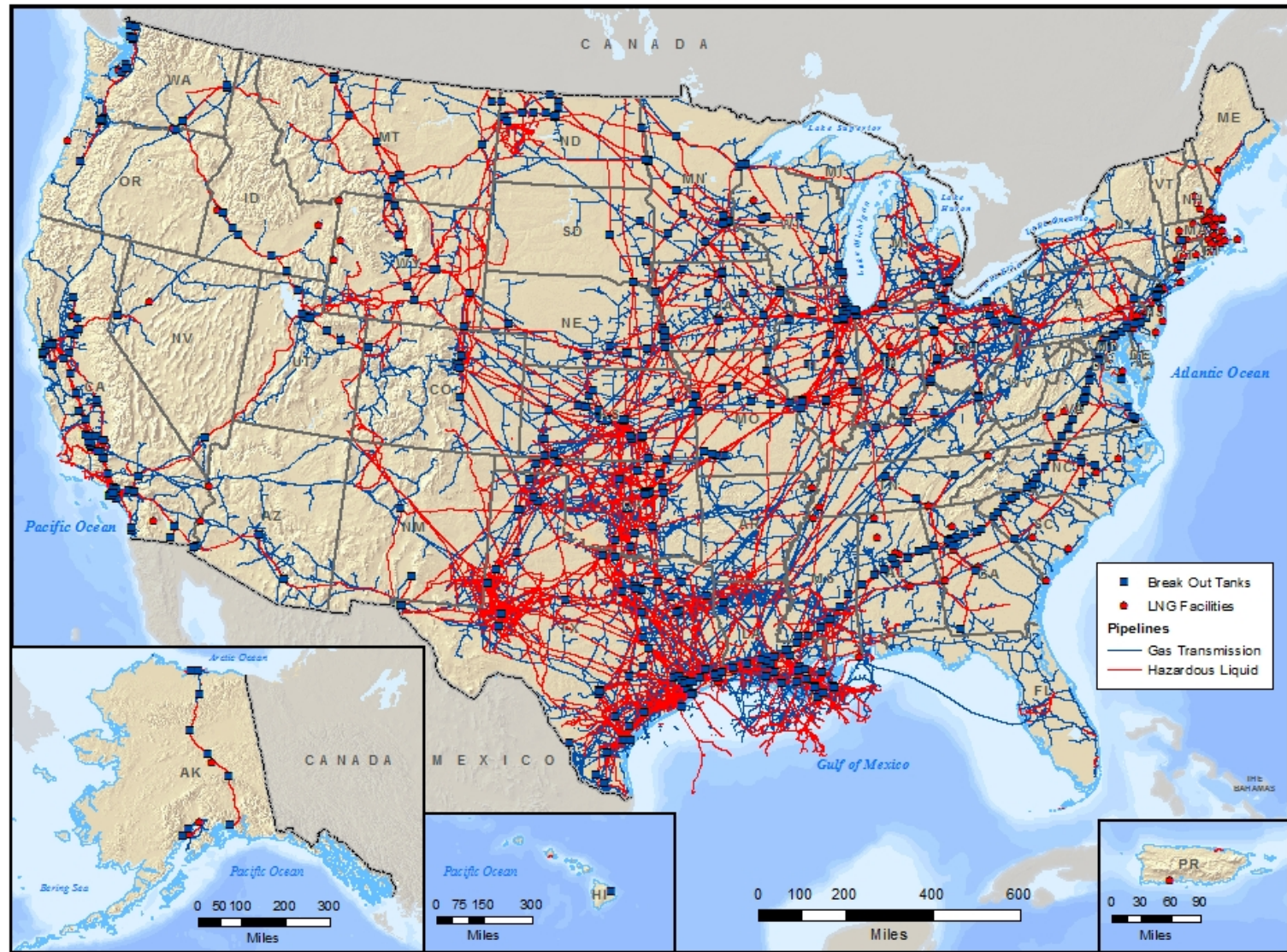


What We Regulate

Pipeline Facilities by System Type – CY 2014 data as-of 11/12/2015			
System Type	Miles	% Miles	# Operators
Hazardous Liquid	199,334 7,677 Tanks	7%	456
Gas Transmission	301,810	11%	1,020
Gas Gathering	17,663	1%	367
Gas Distribution (Mains & Services)	2,168,599	81%	1,373
Total	2,687,406	100%	Some Operators have multiple System Types
Liquefied Natural Gas	115 Plants	205 Tanks	83



Gas Transmission and Hazardous Liquid Pipelines in the United States National Pipeline Mapping System



U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration
Projection: Albers Equal Area Conic
Map created December, 2014



Engineering and R&D Division

Three (3) Core Support Areas

1. Pipeline / Pipeline Services
2. Liquefied Natural Gas (LNG)
3. Research and Development (R&D)



Pipeline Services

1. Pipeline SMEs / Technical Support
2. Regulatory Development
3. Permits
 - Special Permits and State Waivers
 - Other Technology Notifications
 - Presidential Permits
 - Deep Water Ports



Thank You/Questions?

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