



# Pipeline Safety Trust Conference

New Orleans, Louisiana

October 18, 2018

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PHMSA Office of Pipeline Safety



# Risk Model Work Group Overview

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# Risk Modeling Work Group

- **Mission Statement:**
  - **Characterize the state of the art of pipeline risk modeling** for gas transmission and liquid pipelines,
  - **Identify** and, if necessary in specific areas, develop a **range of state-of-the-art methods and tools capable of addressing the spectrum of pipeline risk management applications**, and
  - **Provide recommendations** to PHMSA regarding the use of these methods, tools, and data requirements.



# Risk Modeling Work Group

- **Joint PHMSA / Industry Group: PHMSA Web Site**
  - <https://primis.phmsa.dot.gov/rmwg/index.htm>
  - Has presentations and meeting notes
- **For Gas Transmission and Hazardous Liquid Pipeline**
- **Approximately 30 participating members & alternates**
  - Operators – Gas and Liquids
  - Trade associations – AGA, APGA, API, INGAA, B31.8S
  - NAPSR
  - National Labs
  - GTI
  - PHMSA



# Risk Model Guidance Document

- **Focuses on applicability of different risk model types to key risk management decisions required to properly implement Integrity Management, including:**
  - Risk Priorities for Baseline Integrity Assessments
  - Identification of Preventive Measures and Mitigative Measures
  - Evaluation and Comparison of Preventive Measures and Mitigative Measures
  - Consideration of Threats and their Interactions in Risk Assessments
  - Benefit-Cost Analysis for Risk Reduction Options
  - Integrity Assessment Interval Determination

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# Risk Modeling Work Group

- **“Risk Modeling Technical Guidance Document”**
  - In development
  - PHMSA authored
  - Initial drafts distributed for Risk Model Work Group comments
  - Federal Register noticed for public comments
    - Docket: PHMSA-2018-0050
    - [www.regulations.gov](http://www.regulations.gov)
    - August 16 to October 17, 2018 - Comment Period
  - PHMSA will finalize draft document after comment period ends
  - Overview of Guidance – my hold future workshop or webinar

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# Questions?

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