

# 2013 PIPELINE CONFERENCE

## MONDAY, APRIL 15, 2013

12:00 PM – 6:00 PM

Registration – Atrium  
Sponsor Exhibits Set Up – Commodore E

12:30 PM – 5:00 PM

Pipeline 101 Workshop and Pipeline Performance Tracking System – Attendance is Limited and by Pre-registration Only.  
®History of Pipelines  
®SCADA, Controls and Leak Detection  
®Introduction to Pipeline Facility Engineering and Design  
®Pipeline Economics  
Presented by Tom Miesner, President, Pipeline Knowledge and Development  
®Pipeline Performance Tracking System  
Presented by Cheryl Trench, Principal, Allegro Energy Consulting

## TUESDAY, APRIL 16, 2013

7:30 AM – 5:00 PM

Registration – Atrium

7:30 AM – 8:20 AM

Continental Breakfast – Commodore E

7:30 AM – 8:20 AM

Speakers' Breakfast – Sunset Terrace

8:30 AM – 9:30 AM

Opening General Session – Constellation A&B

Welcome: Stephanie Webb, East/Gulf Coast Division Engineer, Phillips 66 Pipeline Company, Chair, Pipeline Conference

Greg Smith, President, Shell Pipeline Company, Chair, API Pipeline Subcommittee

Keynote Speaker: Christopher A. Hart, Vice Chairman, NTSB

9:30 AM – 10:00 AM

Break and Visit with Vendors – Commodore E



10:00 AM – 11:30 AM

### Concurrent Sessions

#### Safety Practices for Pipeline Maintenance and Repairs – Commodore A

Every year, pipeline operators dedicate significant resources to assure the ongoing integrity of over 170,000 miles of hazardous liquid pipelines crisscrossing our nation. These efforts very often involve exposing sections of our buried pipelines for purposes of inspection, maintenance & repair. We must always plan and conduct this work in a way that ensures the safety of the general public, our employees and contractors, and our pipeline assets. This session explores just a few of the best practices and technologies associated with this very critical work.

**Moderator:** Rod Hanson, HSE Director, Alyeska Pipeline Services Company

**Topics/Speakers:**

**Where is Your Pipeline? Best Practices and Emerging Technologies for Line Locates** – Bob Nighswonger, Utility Training Academy, Inc.

**Keeping Your Workers Safe and Keeping the Genie in the Bottle** – Energy Isolation Practices in the Pipeline Industry – Andi Holtz, ES&R Safety Supervisor, Marathon Pipe Line, LLC

**Mud Plugs – Installation and Limitations** – Mike Statters, PE, Supervisor, Technical Services, Operations Engineering and System Integrity, Enbridge Pipelines

#### Agricultural Challenges for Damage Prevention – Commodore B

Today's agriculture environment is quickly changing - frequent turnover of ownership/operatorship, new cultivation practices, changing technology and equipment have brought about additional challenges for pipeline operators. Come join our panel for an interactive discussion on the challenges and solutions for addressing these agriculture risks.

**Moderator:** Larry Stansifer, Damage Prevention Standards Coordinator, BP U.S. Pipelines & Logistics

**Topics/Speakers:**

**Changes in the Farming Industry – New Challenges for Pipeline Operators** – Bobby Roye, Damage Prevention Functional Manager, BP U.S. Pipelines & Logistics

**Tiling 101** – Miriam Kuhn, Damage Prevention Supervisor, Marathon Pipe Line, LLC

**Agriculture Incidents and Near Misses** – Dan Maschka, Manager, Public Awareness, Northern Natural Gas Company

#### Regulatory Agenda –Commodore C

The regulatory agenda is a full one. Many new requirements are in various phases of rulemaking. Why? What can we expect? What effect will they have on our industry? What must be considered to ensure new regulations meet the objective of safe, reliable pipelines? This panel will not only look at what is on the horizon, but also what is driving it.

**Moderator:** Miriam Kuhn, Damage Prevention Supervisor, Marathon Pipe Line LLC

**Topics/Speakers:**

**PHMSA's Regulatory Priorities** – Linda Daugherty, Deputy Associate Administrator, PHMSA

**The State Regulators' Perspective** – Bob Gorham, Division Chief, Pipeline Safety Division, Office of the State Fire Marshal (CA)

**The Public's Perspective** – Carl Weimer, Executive Director, Pipeline Safety Trust



### **Improving Emergency Response Communications – Commodore D**

Expectations are increasing for pipeline operators to work more closely with emergency responders to provide them with specific information on your pipeline operations, the products you transport through their communities and how you should work with a pipeline operator to effectively respond to a pipeline incident. This session will offer conference attendees an opportunity to learn how PHMSA is approaching this challenge. As well, the recommendations of the API Emergency Response Strategy Team will be outlined, and one operator's unique approach to educating its host community emergency responders will be shared.

**Moderator:** Larry Springer, Sr. Manager, Business & Major Project Communications, Enbridge, Inc.

**Topics/Speakers:**

**PHMSA ER Team (HQ) and GA ER Team** – Sam Hall, Program Manager – Damage Prevention, PHMSA  
**API Emergency Response Strategies Team Recommendations for Enhanced Industry Communications and Educational Outreach to Emergency Responders**- Gweneyette Broussard, Sr. Legislative and Regulatory Representative, Shell Pipeline Company  
**Designing and Launching on Online Pipeline Emergency Training Platform for Emergency Responders Near Your Pipeline System** – Kesley Tweed, Public Awareness Program Manager, Enbridge, Inc.

**11:30 AM – 1:20 PM**

**Lunch and Pipeline Safety and Environmental Awards Ceremony  
Constellation – 2<sup>nd</sup> Floor**

**1:30 PM - 3:00 PM**

**Concurrent Sessions**

### **New Construction Practices – Commodore A**

A multi-faceted look at Pipeline Construction practices that includes presentations covering the status of RP-1169 – Basic Inspection Requirements for new Pipeline Construction which will provide basic requirements and references needed to effectively and safely perform inspection activities during construction of new onshore pipelines, the proposed RP addressing the unique challenges for damage prevention posed by construction of any project parallel to an existing underground hazardous liquid or gas transmission pipe lines, and Guidelines assembled by PRCI to Address Pipe Material and Construction Quality Issues in Response to Current Concerns.

**Moderator:** Robert Kurima, Engineering Supervisor, Chevron Pipe Line

**Topics/Speakers:**

**RP-1169 – Basic Inspection Requirements for New Construction** – Douglas Perkins, Staff Project Engineer, NuStar Energy, L.P.  
**Status of Parallel Construction RP** – Buzz Fant, Director, Compliance, Codes and Standards, Kinder Morgan Energy Partners, L.O.  
**PRCI Pipe Line Construction Quality Issues** – William Bruce, PE, IWE, Director, Welding & Materials Technology, Det Norske Veritas (USA), Inc.



### **Shale Plays (America – Energy Independence) - Commodore B**

Due to new technology, shale plays across the United States have had a major impact on the oil and gas industry. This session discusses how shale plays are impacting the pipeline industry and what we can potentially expect to foresee in the future.

**Moderator:** Byron Ables, Senior Manager, Field Training, Enterprise Products

**Topics/Speakers:**

**Shale Plays/Domestic Energy – Major Drivers of U.S. Economic Growth** - Scott Jenkins, Manager, Supply Appraisal, Enterprise Products Operating, LLC

**Leveraging Existing Infrastructure in Emerging Shale Plays** – Chad Zamarin, Chief Operating Officer, Midstream Services, NiSource Gas Transmission and Storage

### **Pipeline Safety Management System (repeats on Wednesday) – Commodore C**

**Moderator:** T. Scott Collier, Vice President, Performance Assurance, Buckeye Partners, L.P.

**Topics/Speakers:**

**TBD** - Tom Jensen, Director of Operations, Explorer Pipeline

**TBD** - Brienne Metzger-Doran, Director, Spectra Energy

**TBD** - Robert Miller, Pipeline Safety Supervisor, Arizona Corporation Commission

### **Control Room/SCADA Validation – Commodore D**

In this session, attendees will be introduced to how different operators have addressed the new CRM rules pertaining to SCADA and Automation. Areas that will be covered will be the how/when/why point-to-point verification will be performed, challenges that were met and overcome for the new regulation, and how an operator may prepare for an upcoming audit.

**Moderator:** Kevin Janney, Manager, SCADA Applications and Development, Explorer Pipeline Company

**Topics/Speakers:** Point-to-Point Validation and Definition – Allan Wolff, SCADA Supervisor, Magellan Midstream Partners

**TBD** – William “Zach” McKinney, Pipeline Field Controls Supervisor, Chevron

**TBD** – Alicia Gibson, Consultant, Pipeline Performance Group

**3:00 PM - 3:30 PM**

**Break and Visit with Vendors - Commodore E**



**3:30 PM - 5:00 PM**

**Concurrent Sessions**

**Operator Qualification: The Teenage Years - Commodore A**

Operator Qualification is 12 years old, and like many pre-teens, it suffers from an identity crisis. Where will OQ be when it grows up? Will OQ remain the same, get bigger or get smaller? With impetus from the NTSB Marshall, MI Report, as well as debate on what tasks fall within OQ's purview, PHMSA has indicated changes to OQ may be afoot. This presentation will address PHMSA OQ inspections and guidance documents, and the challenges inherent to the interaction between OQ and IMP, Emergency Response, CRM, New Construction, AOCs, and Training.

**Moderator:** Drew Lohoff, Regulatory Representative, LOOP LLC

**Topics/Speakers:**

**Development of Generic and Task Specific AOCs** – Kelli Riddle, Compliance Specialist, Magellan Midstream Partners

**Interaction Between OQ and Other Regulatory Training Requirements** – Jon Brown, Regulatory Compliance Coordinator, Sinclair Pipeline

**Evolving Covered Task Lists** – Ken Dockweiler, Compliance Supervisor, Bridger/Belle Fourche Pipeline Company

**PHMSA OQ Inspection Guidance** – Warren Miller, Operations Supervisor, Central Region, PHMSA

**Emergency Response – Plans, Drills and Communications – Commodore B**

Executing appropriate response activities in emergency situations can only be accomplished through well designed Emergency Response Planning and Training. This session is intended to communicate the proper implementation of emergency plans and the correct utilization of resources to be accomplished by conducting activity and communication drills to train personnel. An informed and well trained crisis team is imperative for the success of a business' emergency preparedness program.

**Moderator:** Gary Stratman, Director, EHS&T, Enterprise Products

**Topic/Speakers:**

**PHMSA's Oversight Plans for FRPs – Any changes and How PHMSA is Handling Reviews of ER Plans** - Alan Mayberry, Deputy Associate Administrator for Field Operations, PHMSA

**TBD** – Stephen Lloyd, Senior Manager, Emergency & Security Management, Enbridge Pipelines

**TBD** – Brett Steed, Senior Safety Specialist, Emergency Response, Enterprise Products

**Integrity Management Learnings & IMP 2.0 – Commodore C**

Now that the liquid IMP has been around for just over a decade, come in and hear what PHMSA, industry representatives, and subject matter experts have to share for next steps and continuous improvement around the regulatory agenda and specific risk considerations. A preview into PHMSA's outlook on the IM agenda, as well as a view of industry tools and experience in enhancing integrity programs involving two significant threats facing our pipeline infrastructure are the objectives for this session. The specific areas we will discuss include pipeline seam integrity and the dynamic environment associated with rivers crossing over our pipelines.

**Moderator:** David Barnes, DOT Compliance Manager, BP

**Topics/Speakers:**

**PHMSA IMP 2.0 Update** - Linda Daughterty, Deputy Associate Administrator, PHMSA

**Seam Integrity Threats and Considerations** - Richard Dalasio, Pipeline Integrity Manager, Sunoco Logistics

**Rivers Crossing: How Floods Can Affect Pipeline Integrity** – Jeff Barry, Ph.D., Principal Scientist/Technical Expert, ARCADIS U.S., Inc.



### **Legal Update – Commodore D**

An update on legal issues impacting pipeline operators including environmental advocacy group litigation against Corps permitting authority, PHMSA expansion of enforcement jurisdiction, and new legal rights in PHMSA's hearing procedures.

**Moderator:** John Stoody, Director, Government & Public Relations, Association of Oil Pipelines

#### **Topics/Speakers:**

**Sierra Club Litigation Against Corps of Engineers' Nationwide Permitting Program** – Deidre G. Duncan,

Partner, Hunton & Williams LLP

**Recent PHMSA Attempts to Expand Its Enforcement Authority and Jurisdiction** – Biz Scott, Partner, Steptoe & Johnson

**Impact of New PHMSA Procedural and Enforcement Regulations on Operators** – Vince Murchison, Member and Manager, Murchison Law Firm, PLLC

**5:00 PM – 6:30 PM**

**Welcome Reception – Poolside Marina Terrace**

### **Wednesday, April 17, 2013**

**7:30 AM - 11:00 AM**

**Registration - Atrium**

**7:30 AM - 8:20 AM**

**Speaker/Moderator Breakfast – Sunset Terrace**

**7:30 AM - 8:25 AM**

**Continental Breakfast – Commodore E**

**8:30 AM - 10:00 AM**

**Concurrent Sessions**

### **Big Cool Projects II – Commodore A**

Big Cool Projects will be an informative and educational photo montage of a diverse set of large-scale projects spanning North America. From unit trains to a pipeline expansion, to a challenging directional drill, attendees will have an opportunity to see firsthand the resources required to execute a varied set of projects. The speakers will not only provide context to the photo gallery, but will share the many challenges and obstacles one might encounter. Attendees are encouraged to share their views as well as participate in an open dialogue as the session will not only stimulate, but provoke questions.

**Moderator:** Buck Buchanan, Executive Director of Project Engineering, NuStar Energy, LP

**Topics/Speakers:** **Line 6B Replacement Project (Indiana and Michigan)** - Tom Hodge, Project Director, Enbridge Energy Company

**Unit Train Off-Loading at St. James, LA** – Mark Richeson, Engineering Advisor, EOG Resources

**HDD Near Canadian Border** – Dan Noack, Plains All American Pipeline



### **Damage Prevention Toolbox – Commodore B**

Curious to know what others in our industry are doing to prevent damage to their assets? Attend the Damage Prevention Toolbox panel discussion where members of the AOPL/API Damage Prevention Toolbox team will demo the toolbox and discuss the potential use of the compilation of shared learnings, forms, practices, letters, and other documents from contributing operators.

**Moderator:** Gweneyette Broussard, Sr. Legislative and regulatory Representative, Shell Pipeline Company

**Topics/Speakers:** **API AOPL DP Toolbox Overview** – Gweneyette Broussard, Sr. Legislative and Regulatory Representative, Shell Pipeline Company

**ROW Patrol and Response** – Devin Hotzel, Sr. Damage Prevention Specialist, Enterprise Products

**One Call Notification Screening and Management Systems** – Bobby Roye, Damage Prevention Functional Manager, BP US Pipelines & Logistics

**Excavation Monitoring and Observation** – Miriam Kuhn, Damage Prevention Supervisor, Marathon Pipe Line, LLC

**One Call Quality Assurance** – Geoff Price, HES One Call Specialist, Chevron Pipe Line Company

### **Rupture Detection – Commodore C**

In this session, attendees will first be introduced to the API/AOPL Rupture Detection Initiative, which focuses on the improved recognition, response, and reporting of ruptures. The second half of this session will provide a brief glimpse into some of the technical solutions that can help our industry improve in these areas. This session is also intended to foster critical thinking on practical solutions, so a short Q&A session will be included.

**Moderator:** Michael Wheeler, Leak Detection Engineer, BP US Pipelines & Logistics

**Topics/Speakers:**

**The 3 R's Initiative** - Robert Craig, Supervisor, Operations, Control-Applications, Magellan Midstream Partners, LP

**Rupture Detection – Technical Solutions** - Nikos Salmatanis, Leak Detection Specialist, Technology Team, Chevron Pipe Line Company

**10:00 AM – 10:30 AM**

**Break and Visit with Vendors – Commodore E**

**10:30 AM – 12:00 PM**

**Concurrent Sessions**

### **Control Room Management – Commodore A**

This session is a discussion on Control Room Management, where members of the AOPL/API and PRCI will discuss different topics related to implementation of the CRM regulation. Topics to be reviewed will be implementation of an industry workload study, development of an Alarms Management Program and an update from PHMSA.

**Moderator:** Greg Chapman, Manager Liquid Controls, Enterprise Products

**Topics/Speakers:**

**Industry Workload Analysis** – Carrie Greaney, Research Manager, Pipeline Research Council Intl.

**Alarm Management** – George Shaw, Training & Procedures Coordinator, Colonial Pipeline Company

**Review of CRM Audit Findings and PHMSA Recommendations** – Byron Coy, Director, Eastern Division, PHMSA



### **Pipeline Safety Management Systems (Repeated from Tuesday) Commodore B**

**Moderator:** T. Scott Collier, Vice President, Performance Assurance, Buckeye Partners, L.P.

**Topics/Speakers:**

**TBD** - Tom Jensen, Director of Operations, Explorer Pipeline

**TBD** - Brianne Metzger-Doran, Director, Spectra Energy

**TBD** - Robert Miller, Pipeline Safety Supervisor, Arizona Office of Pipeline Safety

### **New Technologies – Research & Development and Applying Existing Technologies - Commodore C**

Improvement in pipeline safety, efficient operations, and reliable infrastructure come through New Technologies. Research & Development is critical to the success of the pipeline industry, but only if the research and new technologies are applied. These efforts are time-consuming and step changes are more methodical than instantaneous. This session looks at what PHMSA is doing to advance technology for safe pipeline operations, and what two other companies through PRCI are doing to improve in-line inspection capabilities and non-destructive examination of pipelines.

**Moderator:** David Pearson, Director of Asset Integrity, Colonial Pipeline Company

**Topics/Speakers:**

**PHMSA Summary of Hazardous Liquid Pipeline Research & Impacts** – Steve Nanney, Project Manager, PHMSA Engineering & Research Division, PHMSA

**Inspection of Pipelines Using High-Resolution Meandering, Winding Magnetometer (MWM)-Arrays and MR - MWM Arrays**, Andrew Washabaugh, Vice President of Research and Development, Jentek Sensors

**Using Structured Light to Assess Pipeline Damage (Non-Destructive Examination)** - Matt Bellis, President, Seikowave

**Q&A – All Speakers and Mark Piazza, Director, Pipeline Programs, Pipeline Research Council International, Inc.**

### **Public Awareness at the Grassroots Level – Commodore D**

As new technologies emerge and as energy demand continues to grow, the public is more engaged about pipelines and pipeline safety. Because of this, public awareness is playing an increasingly important role for energy companies. Organizations have baseline and supplemental programs but let's go deeper and look at grassroots communication. Deryck Spooner, a respected international speaker will provide an overview of this type of communication. Collectively, we will focus on places of congregation and transient audiences. Tina Beach with Cascade Natural Gas will close the session with "Thinking Outside the Barrel".

**Moderator:** Coral Lukaniuk, PE, Public Awareness Program Manager, TransCanada

**Topics/Speakers:**

**Grassroots Communication** – Deryck Spooner, Sr. Director, External Mobilization, API

**Mini Workshop**

**Thinking Outside the Barrel** - Tina Beach, Manager of Standards and Compliance, Pipeline Safety for Cascade Natural Gas Corporation