

Pipeline SMS Industry Team Updates



Pipeline SMS



Agenda

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Pat Carey, Kinder Morgan
Director, Operations

API Pipeline SMS Assessments and Contractor Guidelines Highlight

Colin M. Frazier, American Petroleum Institute
Senior Manager, System Programs



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Pipeline SMS Industry Team



Industry coming together to enhance pipeline safety performance



The purpose of the Pipeline SMS Industry Team is to enhance safe pipeline operations by supporting pipeline operators in the adoption, implementation of, and conformance to API Recommended Practice (RP) 1173, *Pipeline Safety Management Systems*



2022 Focus: Expand impact and continue progress



1

Leverage industry efforts, increase transparency

Increase Industry Participation

- Melissa Lisher – AGA
- Erin Kurilla – APGA

2

Support and increase participation among small operators & contractors

Increase Stakeholder Engagement

- John Stody – LEPA

3

Oversee standards action for RP 1173, incorporate learnings from first edition

Support Operator & Contractor Journeys

- Melissa Lisher – AGA
- Colin M. Frazier – API

Provide Oversight & Governance

- Cindy Graham – Enbridge
- Patrick Carey – Kinder Morgan
- Sam Minifie – API
- John Hill – Black Hills
- Industry Trade Leads



Focus Areas



Supporting Operator and Contractor Journeys

- Published Contractor Guidance Framework in November, communications materials, and training (coming in 2023)
- Completed six (6) assessments using API's Third-Party Assessment Program in 2022.
- Prepare for 2023 Safety Culture Survey among API/LEPA/INGAA and former CEPA members

Increasing Industry Participation

- Update questions, increase participation, and conduct 2022 Annual Survey
- Support events on Pipeline SMS; host roundtable
- Stay abreast of PHMSA's approach to fulfill PIPES Act mandate for gas distribution operators
- Support development of Annex for very small operators for RP 1173, second edition



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Focus Areas, cont'd



Stakeholder Engagement

- Prepare and publish 2021 Annual Report and engage external stakeholders, including federal and state regulators, and expert public members
- Tie PSMS to ESG: integrate PSMS efforts with growing ESG requirements and reporting
- Communicate materials and tools for pipeline contractor integration

Governance and Oversight

- Oversee RP 1173 standards action process
- Develop and track metrics for Industry Team

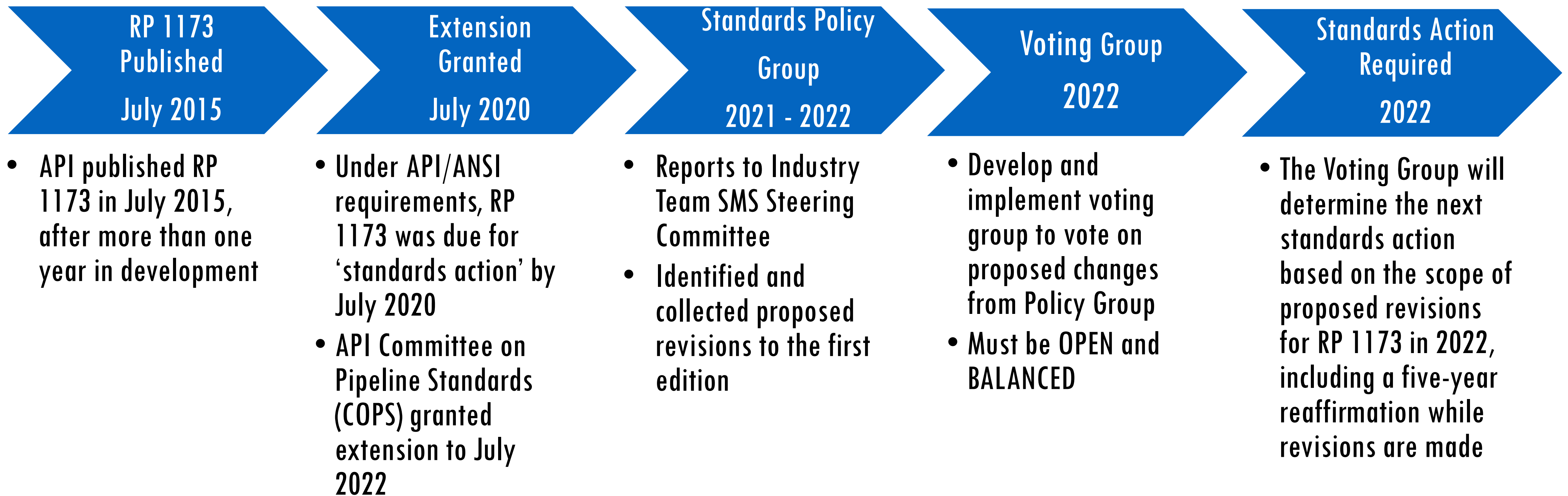


API RP 1173 Path Forward



Under API / ANSI requirements, API RP 1173 is due for a “standards action” by 2022

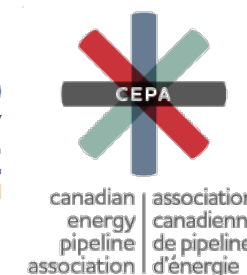
- All standards must be extended, revised, reaffirmed within 5-years of last action (RP 1173 published in July 2015)



One Industry, One Goal ... ZERO Incidents



American Petroleum Institute



API PSMS Assessment Program



Assessments Completed to Date

- 2020 – 2 Large Gas Operators
- 2021 – 2 Large Liquids Operators; 1 Large Gas Operators; 1 Small Steam Utility
- 2022 – 2 Large + 2 Small Liquids Operators; 2 Large Gas Operators
- 2023 – 6 Operators in various stages of planning

Benchmarking distributed to participants in July and ongoing as operators participate

Themes and Learnings:

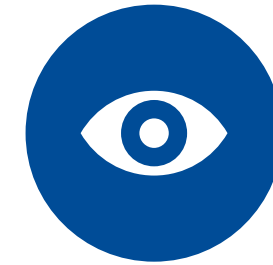
- Safety Culture and Leadership is one of the highest scoring areas with improvements to safety communications and reporting being seen across operators.
- Stakeholder Engagement can be improved – RP 1185 publication in 2023
- External Learnings incorporation can be improved
- Contractor applicability (general) a common theme



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Contractor Framework



The Vision

We believe that **contractor adoption of Pipeline SMS is essential to industry SMS maturity**. We believe there should be an industry framework that is clear, scalable and flexible for all contractors. It should leave contractors with an understanding on the value of Pipeline SMS for it's employees, business, customers, and communities in which they work.



The Mission

A 2022 industry **group goal is to increase Pipeline SMS support of contractors**. To develop a industry led contractor framework and assessment tool that guides contractors in their Pipeline SMS adoption, while providing flexibility and scale for the diversity of work contractors perform. **This may serve as a base template for small operators.**

Pipeline
Operator
RP 1173
Implementation

A Contractor's Guide

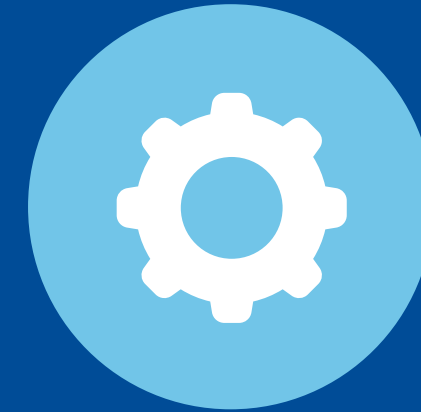
Contractor
SMS or safety
programs

Industry
improves
their
journey
towards
zero
incidents.



A framework developed
by industry for industry.

Available for free on PipelineSMS.org



One Team - One Goal

Drafted with an inclusive industry approach centered on zero incidents.



Tailored, Inclusive Content

Collaboratively sourced information from contractors, trade associations, operators and other industry sources. Framework includes a subset of 56 shall statements from RP 1173. Version 1 intention is to move from awareness to knowledge.



Scalable, Flexible

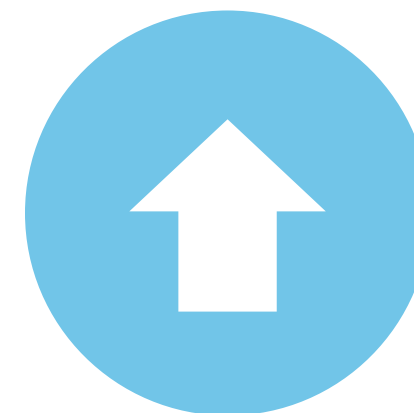
Accounts for the diverse spectrum of contractors, subsets applicable RP statements, and leads through examples.

Exploring Contractor Assessments



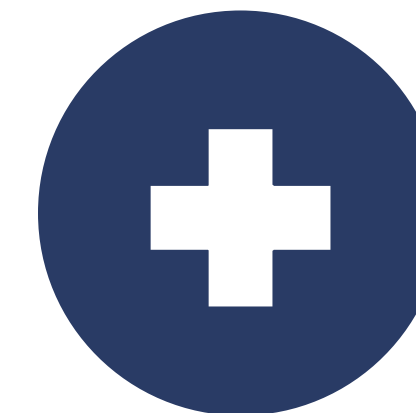
Third Party Assessment for contractors

Exploring the value of an assessment program that would provide a team of independent, third-party safety management system experts who spend time on site, working with contractor employees and leadership (across the company's service disciplines) to fully understand the current pipeline safety processes, programs and systems of the contractor.



Practices

Inform and educate contractors on notable practices.



Benchmarking

Real-time Benchmarking & Analysis (aggregate and blind.)



Experience

Access to deepen experience and industry expertise.





THANK YOU!

Visit us at: pipelinesms.org