Pipeline SMS Tools Webinar

November 9, 2016
10 a.m.-11:30 a.m. EST (9 a.m.-10:30a.m. CST)

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energy API

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AOPL Association of Oil Pipe Lines

Pipeline SMS Tools Webinar

Format

- One hour presentation with 30 minutes for questions
- Use tools (and booklets) available at www.pipelinesms.org

Agenda

- Booklets overview (emphasis on booklet 3 – *How to Implement a Pipeline SMS*)
- Implementation tools
- Q&A on tools
- Q&A on API RP 1173 in general

BOOKLET 1 – WHY

What's in the booklet

- Why a Pipeline SMS will help improve pipeline safety
- Background information on API RP 1173 development
- How safety management systems have helped other industries
- The ways Pipeline SMS enhances safety culture
- Intention for Pipeline SMS to be used by operators of all sizes and experiences
- Leader's role in Pipeline SMS

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BOOKLET 2 – WHAT

What's in the booklet

- Description of the 10 Pipeline SMS Elements and their importance to improved pipeline safety performance
- How the Plan-Do-Check-Act cycle is critical to implementing the 10 Pipeline SMS Elements
- Details on the flexibility and scalability of the elements
- Ways each element strengthens an organization's safety culture

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BOOKLET 3 – HOW

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SECTION – BEGINNING THE JOURNEY

- Introduction and Background
- Industry-wide Implementation Support
- Pipeline SMS Scalability, Flexibility and Maturity
- Implementation Approaches
- Safety Culture Drives Pipelines'SMS Implementation Success

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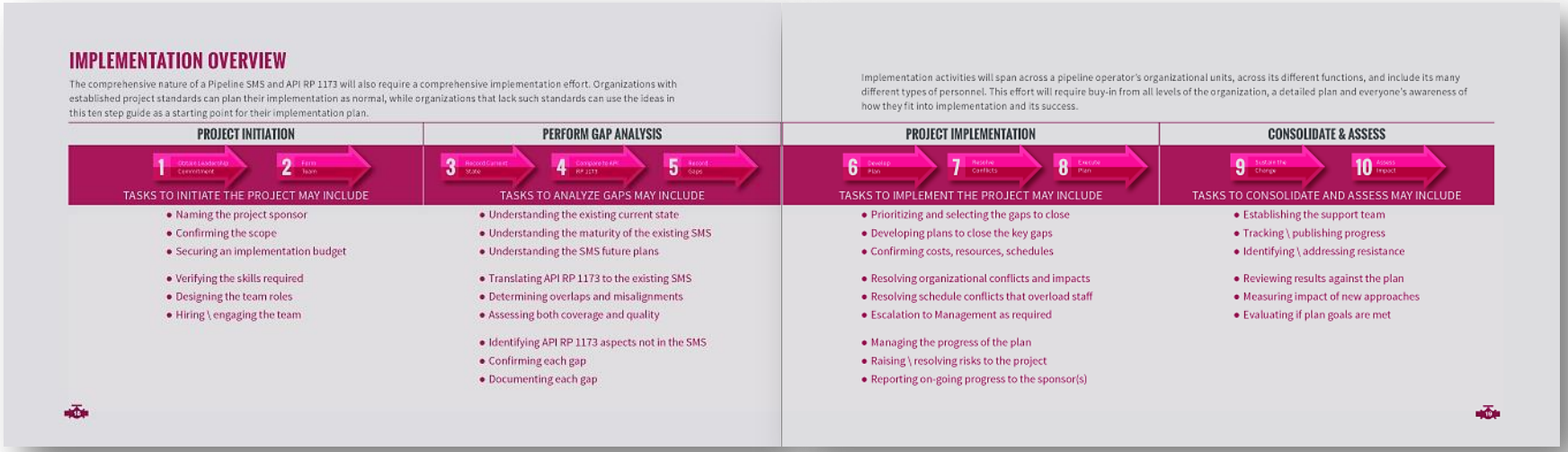
SECTION – IMPLEMENTATION BASICS

- Implementation Overview
- Gap Analysis
- Keys to a Successful Implementation



IMPLEMENTATION OVERVIEW

The comprehensive nature of a Pipeline SMS and API RP 1173 will also require a comprehensive implementation effort. Organizations with established project standards can plan their implementation as normal, while organizations that lack such standards can use the ideas in this ten step guide as a starting point for their implementation plan.

Implementation activities will span across a pipeline operator's organizational units, across its different functions, and include its many different types of personnel. This effort will require buy-in from all levels of the organization, a detailed plan and everyone's awareness of how they fit into implementation and its success.

PROJECT INITIATION	PERFORM GAP ANALYSIS	PROJECT IMPLEMENTATION	CONSOLIDATE & ASSESS
1 Obtain Leadership Commitment → 2 Form Team	3 Record Current State → 4 Compare to API RP 1173 → 5 Record Gaps	6 Develop Plan → 7 Resolve Conflicts → 8 Execute Plan	9 Sustain the Change → 10 Assess Impact
TASKS TO INITIATE THE PROJECT MAY INCLUDE	TASKS TO ANALYZE GAPS MAY INCLUDE	TASKS TO IMPLEMENT THE PROJECT MAY INCLUDE	TASKS TO CONSOLIDATE AND ASSESS MAY INCLUDE
• Naming the project sponsor • Confirming the scope • Securing an implementation budget	• Understanding the existing current state • Understanding the maturity of the existing SMS • Understanding the SMS future plans	• Prioritizing and selecting the gaps to close • Developing plans to close the key gaps • Confirming costs, resources, schedules	• Establishing the support team • Tracking \ publishing progress • Identifying \ addressing resistance
• Verifying the skills required • Designing the team roles • Hiring \ engaging the team	• Translating API RP 1173 to the existing SMS • Determining overlaps and misalignments • Assessing both coverage and quality	• Resolving organizational conflicts and impacts • Resolving schedule conflicts that overload staff • Escalation to Management as required	• Reviewing results against the plan • Measuring impact of new approaches • Evaluating if plan goals are met
	• Identifying API RP 1173 aspects not in the SMS • Confirming each gap • Documenting each gap	• Managing the progress of the plan • Raising \ resolving risks to the project • Reporting on-going progress to the sponsor(s)	

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