Introduction to API RP 17N

API Recommended Practice
RP17N
Subsea Production System
Reliability& Technical Risk Management

API 17N Presentation to
API/ISO meeting February 07
API RP 17N Key Elements

Purpose

Scope
Terms, Definitions and Abbreviations

Executive Summary

How to use this Recommended Practice

Reliability and Maintainability Practice Guide
Technical Risk Categorization
Implementation in Field development Projects

Annex 1 – Process Description
Annex 2 – Reliability Data Management
Annex 3 - Qualification
API RP 17N – full draft roll out

• First full draft released 15th April 2006
• Reviewed by committee mid June 2006
• Re draft October 2006
• Reviewed by committee October 2006
• Workshop at Reliability Conference in KL November 06
• Reviewed with ISO December 2006
API RP 17N – full draft roll out

• API approve funding for update January 07.

• Incorporated changes from KL workshop and ISO review January 07.

• Proposal to DeepStar for Workshop in Houston January 07 (for workshop march 07)

• Agree with Chevron for technical author January 07.

• Review by steering committee February 07.

• Pass to API for formal process 1Q07
API RP 17N – full draft roll out

• Workshop at Reliability Conference in KL 21st to 23rd November 06
  • The KL workshop was a 1 day session (preceded the previous day with an overview of API 17N). This workshop provided example field developments which the participants worked.
  • Good feedback was provided on how to use the RP and what constituted ‘compliance’.
  • A great deal of energy and enthusiasm. A keenness to adopt API 17N by the company leaders attending.

• Reviewed with ISO 4th and 5th December 2006
  • A two day meeting was held in London on the 4/5th December with the convener and technical authority of ISO 20815.
  • All the areas of discrepancy were resolved.
  • API17N is now a fully aligned superset of ISO 20815. ISO being the umbrella and API being the implementation recommended practice.

• API approve funding for update January 07.
  • API approved funding for a scope more limited than proposed. Additional funding has since been sought (see below) to fill the gaps.
• Proposal to DeepStar for Workshop in Houston planned 6th March 07
  • DeepStar have now agreed to support the workshop in Houston and in particular this will assist with the preparation of the case studies.
  • This workshop is planned for the first week in March

• Agree with Chevron for technical author January 07.
  • Chevron have agreed to fund a technical author to read the RP in total and
  • Give comments on the possible improvements.
  • This will be reviewed by the steering committee.
  • Approved changes will be made.
  • This is aimed at improving the readability of the RP for people not already familiar.

• Pass to API for formal process 1Q07
  • The current pre ‘authored’ version is included in this report.
  • An authored version should follow in a few weeks.
  • It is assumed API will DISTRIBUTE this improved version as an API issue and
  • API distribution having read the draft RP will be invited to the workshop in Houston.