

Progress Report to PAME I 2013 on the project “Health Safety and Environmental Management Systems for Arctic Offshore Oil and Gas Operations”

Project History

February 2011	Project Proposed to PAME I 2011
September 21-24, 2011	Project Approved for the 2011-2013 Workplan at PAME II 2011
May 12, 2011	PAME Workplan Plan approved at the Ministerial
March 26-27, 2012	Project Started at PAME I 2012 with the compilation and comparison of Arctic HSE Management Systems/list of DWH investigations
June 10-12, 2012	HSE Workshop with RP3
July 2012	Draft Report Outline and Preliminary Recommendations Developed
September 16, 2012	Safety Culture Workshop
September 18-20, 2012	Discussions on Report content and recommendations PAME II 2012
February 7, 2013	HSE and Safety Culture Workshop Transcripts completed and circulated
February 12-14, 2013	Report findings and recommendations discussed

Progress since PAME II 2012

The full transcripts of the HSE and Safety Culture Workshops have been completed, resulting in two documents over 60 pages each. These capture not only the visual material presented but the narrative and following discussions. Conclusions and possible recommendations or information to support possible recommendation is being distilled from the workshop reports and other sources. The appendices and workshop reports will be loaded to the MRE Web Page and be available publically by the Ministerial meeting. These workshop reports will be appendices to the Final HSE Report.

Work on the Appendices still needs to be done by some countries. This is needed for the HSE Element Comparison Table where the United States Coast Guard and perhaps EPA need to add specific regulations, and by Norway from Klif and a check by PSA to make sure their information is correct. We have never received any information from Russia. Also the appendix with Arctic Considerations for HSE Elements should be reviewed and comments received soon.

At the PAME I 2013 meeting the Oil and Gas Contact group will be discussing possible recommendations and setting up a correspondence group to draft and circulate these for comment. The Oil and Gas Contact Group will also review findings and recommendations from the EPPR RP3 Report, both the DnV and the Policy Summary with Recommendations, for possible issues to tier-off from or build upon in the HSE findings and recommendations.

Draft Outline for the HSEMS Report

Table of Contents

I. Introduction

II. Project Background

III. Existing Guidance

IV. HSE Management Systems Project

Systems Failure Accident Investigations

Workshops

Summary of HSE Management Systems Workshop, Keflavik Iceland June 10-12, 2012

Summary of Safety Culture Workshop, Halifax Canada, September 16, 2012

Findings and Recommendations

HSE Management Systems

Common HSE Management Systems Elements

Elements common in systems failure accidents

- Communications,
- Documentation
- Management of Change
- Hazard Analysis
- Operating Procedures
- Quality Assurance/Mechanical Integrity
- Training and Competence

Safety Culture

- Common Cultural Elements in Systems Failure Accidents
- Near-Miss Reporting
- Prescriptive vs Performance Based Regulation
- Training

V. Appendices

Appendix: Glossary of Terms

Appendix: Comparisons of HSE Management Systems in the Arctic

Appendix: Arctic Considerations for Selected HSE Elements

Appendix: Major HSE Management System Element Categories

Appendix: HSE and Safety Culture Workshop Transcripts

Appendix: HSE Guidance from the AOOOG, 2009

Appendix: List of and links to HSE Guidance

Appendix: List of and links to Deepwater Horizon and Other Accident Investigations

Appendix: HSE Management Systems Project Plan

Updated Possible Timelines for completion of the HSE MS Report:

February 2013:

Discussion at PAME I 2013 of main findings and begin deciding which recommendations or guidance to make

February-June 15, 2013:

Intersessional work on drafting the report and recommendations or guidance.

June 15-July 15:

National review and comment

July 15-August 1

Incorporation of comments and information via electronic communications

August 1-September 1:

Final Review by PAME

September PAME II 2013:

Approval by PAME