



International Regulators' Forum
GLOBAL OFFSHORE SAFETY

19 – 20 October 2015
Washington, DC
The Liaison – Capitol Hill

2015 Offshore Safety Conference

From Desktop to Deck Plate: A Holistic Approach to Risk Management

CONFERENCE AGENDA

Day 1: Monday, 19 October

- 7:30 **On-site Check-In Opens**

- 8:30 **Safety Moment and Welcome Address**
Brian M. Salerno
Director, Bureau of Safety and Environmental Enforcement
U.S. Department of the Interior

- 9:15 **Keynote Address – Framing a Holistic Approach to Risk Reduction, “From Desktop to Deck Plate”**
Dr. Ian Thomson, Shinglespit Consultants Inc.

- 10:30 Break

- 10:45 **Session 1: Earning and Maintaining Public Trust: Social License to Operate and Regulate**

Presentations, dialogue and engagement with conference participants.

Framing Questions: *What is an acceptable level of risk? What do industry and regulators need to do to rebuild trust after significant incidents or lapses? What does industry do to secure the “social license,” and where does regulatory stakeholder engagement fit in?*

Moderator: Harry Van der Meijden, Inspector General, State Supervision of Mines (SSM), Netherlands

Robert Sussman: Principal, Sussman & Associates, Adjunct Professor of Law, Georgetown University

Stuart Smith: CEO, National Offshore Petroleum Safety and Environmental Management Authority (NOPSEMA), Australia

Bud Darr: Senior Vice President, Technical and Regulatory Affairs, Cruise Lines International Association (CLIA)

11:50 **Recap of morning sessions**

12:00 **Lunch** (on-site, provided)

12:30 **Lunch Speaker: Robin West**, Senior Adviser, Energy and National Security Program, Center for Strategic & International Studies (CSIS)

13:15 **Session 2: Identification of Hazards and Patterns of Risk**

Presentations, dialogue and engagement with conference participants.

Framing Questions: *How are different groups proactively addressing unknown risk? How do you manage patterns of risk?*

Dr. Francis Slakey: Upjohn Lecturer on Physics and Public Policy, Georgetown University

David Wichner: Senior Manager, Safety Culture, Pacific Gas & Electric Company (PG&E)

14:45 **Break**

15:00 **Session 3: Risk Reduction through Data Analysis, Modeling, and Simulation**

“Fireside chat” panel discussion.

Framing Questions: *Are we collecting the “right” data? What are we doing with the data? How are we using the data we collect to ensure continuous improvements in operations safety?*

Moderator: Anne Myhrvold, Director of Petroleum Safety Authority (PSA), Norway

David Kaplan: Johnson Space Center Safety and Mission Assurance Directorate, NASA

Brian Wodarski: Principal, Public Sector Practice, PricewaterhouseCoopers

Dr. Eric Loewen: Chief Engineer, GE Hitachi

16:15 **Summary Day 1 and Preview of Day 2.**

Day 2: Tuesday, 20 October

7:30 **Continue On-Site Check-In**

8:30 **Review of Day 1 and Set Stage for Day 2**

8:45 **Session 4: Identifying Human Risk Factors, Technological Risk Factors, and the Nexus Between the Two**
Presentation, regulatory panel discussion, followed by Q&A.

Framing Questions: *How do you distinguish and address the differences between a technological risk and a human factor issue? Can they be approached as one in the same? How do you ensure appropriate competencies for specific operating environments? How are safety alert systems being improved? How can regulators ensure safety alerts are properly heeded?*

Moderator: Dr. John Harrald, Professor Emeritus, The George Washington University

Dan Chicoyne: Chief Safety Officer, Canada-Newfoundland and Labrador Offshore Petroleum Board (CNLOPB), Canada

Carlos de Regules: Director, Agencia de Seguridad, Energía y Ambiente (ASEA), Mexico

Marcelo Mafra: General Manager of Operational Security and Environment, Agência Nacional do Petróleo, Gás Natural e Biocombustíveis (ANP), Brazil

10:15 **Break**

10:30 **Session 5: Best Practices from Risk Reduction: People and Technology**

Presentation and panel discussion

Framing Questions: To build on themes from Session 4.

Moderator: Dan Vergano, Science Reporter, BuzzFeed

Dr. Sonja Haber: Human Performance Analysis Corporation

Mike Witt, Ph.D.: Global Director, Toxicology and Environmental Research and Consulting

Mike McKeon: Senior Manager, Operational Risk, Deloitte Advisory

11:50 **Introduction of Safety Culture Scenario Assignment**

12:00 **Lunch** (on-site, provided)

12:30 **Lunch Speaker: Gary Jobson**, Vice President of the International Sailing Federation, Television Commentator and Author

13:15 **Scenario Exercise**

Distribution of scenario assignment to each table. Conference participants to work among themselves in addressing scenarios.

13:35 **Session 6: Measuring and Monitoring a Culture of Safety**

Presentation and panel discussion.

Framing Questions: *How can we determine or know when a robust culture of safety has been achieved? Is industry self-monitoring a viable means of achieving a culture of safety? What are viable metrics? What are viable organizational approaches?*

Moderator: Peter Watson, Chair & CEO, National Energy Board (NEB), Canada

Garry Moon: Principal Consultant, Lloyd's Register's Human Factors Team

Tracy Dillinger: Manager of Safety Culture, Human Factors in Mishap Investigations, and Human Reliability Assessment, NASA

14:45 **Break**

15:00 **Readout from Scenario Activity and Recap of Activity Conclusions**

Discussion with conference participants regarding the scenario activity, responses and results.

15:30 **Session 7: Addressing Risk through Organizational Shift or Development**

Presentations, dialogue and engagement with conference participants.

Framing Questions: *Is your organization a “learning organization”? Can you learn from positive experiences as well as negative ones? How can you effect meaningful change within management, financial, or political constraints? How do you promote continual improvement to an organization’s management of risk? How do you move an organization from concept to application of risk reduction?*

Earl Carnes: Former DOE Senior Advisor for High Reliability & Liaison with the Institute of Nuclear Power Operations

16:15 **Closing Remarks**

16:30 **Conclusion of Conference**