

ASME / Texas A&M University

Subsea & Arctic Leak Detection Symposium

September 9-10, 2002

George Bush Presidential Library – Conference Center
College Station, Texas

MONDAY

- 2:00 Welcome & Introduction
Stuart L. Scott, Texas A&M University
- 2:15 Subsea & Arctic Leak Detection – The Challenges and Emerging Solutions
Stuart L. Scott, Texas A&M University
- 2:45 **KEYNOTE ADDRESS: Improving Offshore Pipeline Leak Detection**
Alex Alvarado, U.S. Dept. of Interior – Minerals Management Service (MMS)
- 3:30 **BREAK**
- 3:45 Subsea & Arctic Case History – The NorthStar Development, Alaska
Glenn Lanan, Intec Engineering
- 4:30 Environmental Concerns & Arctic/Subsea Installation Issues for NorthStar Project
Peter Bryce, Brytech Consulting, Inc.
- 5:00 **COCKTAIL RECEPTION** (*Welcome by Rick Mercier – Director, OTRC*)
- 7:00 **ADJOURN**

TUESDAY

- 8:00 Assessment of Leak Detection Technology for Subsea & Arctic Applications
Stuart L. Scott, Texas A&M University
- 8:45 Simulation Results for Multiphase Pipeline Leakage: Subsea & Arctic
Sandeep Patni, Granherne-Halliburton
- 9:15 Experience with Arctic and Subsea Leak Detection
Diane Hovey, EFA Technologies
- 10:00 **BREAK**
- 10:30 Reliability of PSL's in Offshore Pipeline Leak Detection
Shari Dunn-Norman, University of Missouri – Rolla
- 11:15 Subsea Multiphase Leak Detection
Sonny Llave, Multiphase Solutions, Inc.
- 12:00 **LUNCH**
- 1:00 Use of Clamp-On Ultrasonic Meters for Leak Detection
Dean Sylvia, Controlotron Corporation
- 1:45 Optic Fibre Monitoring of Pipelines Using Optical Time Domain Reflectometry
David Smith, Schlumberger-Sensa
- 2:30 **BREAK**
- 2:45 Deepwater Joint Industry Program - Remote Monitoring of Deep Water Pipelines
Dawn C Eden, Intercorr
- 3:15 LEOS Distributed External Leak Detection System Applied to Subsea Pipeline
Peter Jax, Siemens/Framatome ANP
- 4:00 Wrap-up & Action Items
Stuart L. Scott, Texas A&M University