
*Public
Technology Assessment Program
(TAP) Forum*

17 February 2017

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Facility Safety Information

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Welcome

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Safety Moment

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Downed Power Lines

Courtesy of PG&E

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Downed Power Lines are Dangerous

- Avoid touching the downed line
- Avoid touching anything in contact with the downed line
- Keep children and pets away from fallen lines
- Avoid driving over a fallen power line
- Call 911 immediately

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Stay safe if a fallen line touches your car

- Stay inside your car. The ground around your car could be energized
- Warn others to stay away.
- Call 911
- Wait until 'qualified' help arrives

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Agenda

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Agenda

- Emerging Technologies Branch Overview
 - Olivia Adrian
- Loss of Well Control Occurrence and Size Estimators
 - Per Holland
- Break
- Wellbore Surveying Technology
 - James Rice
- Modeling Subsea BOP Capability under Deep Water Loss of Well Conditions
 - Steven Green
- Freeze-up Studies of the Alaskan Beaufort and Chukchi Seas
 - Craig Leidersdorf

Agenda (cont)

- Lunch (Buffet and coupons)
- Oil Spill Response Research Branch Overview
 - Karen Stone
- ROV Video Analysis Tool for Rapid Measurement of Submerged Oil/Gas Leaks
 - Frank Shaffer
- Acoustic Methods to Measure Oil Droplet size and Slick Thickness on ROV and AUV
 - Paul Panetta
- Estimating an Oil Spill Response Gap for the U.S. Arctic
 - Tim Robertson

Emerging Technologies Branch Overview

Ms Olivia Adrian
BSEE

Loss of Well Control Occurrence and Size Estimators

Dr Per Holland
EXPROSOFT AS

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Break

0925 please...

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Wellbore Surveying Technology

Mr James Rice
ICF Incorporated, LLC

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Subsea BOP Stack Shear/Seal Capability Modeling Tool

Mr Steven Green

Southwest Research Institute

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Freeze-up Studies of the Alaskan Beaufort and Chukchi Seas

Mr Craig Leidersdorf
Coastal Frontier Corporation

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Morning Closing Remarks

Jim Pettigrew
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Lunch

See you at 1215!

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Afternoon Opening Remarks

Jim Pettigrew
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Oil Spill Response Research Branch Overview

Ms Karen Stone
BSEE

*Development of a ROV Deployed
Video Analysis Tool for Rapid
Measurement of Submerged Oil/Gas
Leaks*

Mr Frank Shaffer
NETL

*Development of Acoustic Methods to Measure
Oil Droplet Size and Slick Thickness on
Remotely Operated Vehicle (ROV) and
Autonomous Underwater Vehicle (AUV)
Platforms*

Mr Paul Panetta

Applied Research Associates

Virginia Institute of Marine Science

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*Estimating an Oil Spill
Response Gap for the U.S.
Arctic Ocean*

Ms Sierra Fletcher
Nuka Research

Closing Remarks

Jim Pettigrew
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Ms Olivia Adrian
BSEE

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Future OESI/BSEE Events

- April 2017
 - BSEE BAST Candidate Presentation (MGD, EKD)
 - Real-Time Monitoring Policy and Process
- 5 May 2017
 - BSEE and IRF Standards Forum
- 14 June 2017
 - OESI/HFES Human Factors Engineering Forum
- Late 2017
 - Cyber in the Ocean Energy Realm

*Thanks and Be Safe Out
There...*

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