

OSPR/Chevron Oil Spill Response Technology Workshop

Chevron Park, San Ramon, California
February 26 – 28, 2013

AGENDA

Day 1:

February 26

Morning Session

0830

Welcome & Orientation

Jeff Williams, Chevron

Tom Cullen, DFW/OSPR

**Chemical dispersants:
Understanding the conventional and the new**

0900-1000

Dispersant fundamentals

Tom Coolbaugh, ExxonMobil

1000-1015

Break

1015-1100

Dispersant fundamentals, continued

1100-1120

ExxonMobil product update

Tom Coolbaugh, ExxonMobil

1130-1200

Oil anti-deposition agent for near-shore and inland water treatment

Lisa Kemp, U. Southern Mississippi

1200-1300

Lunch

On your own (see suggestions on handout)

Day 1: February 26 Afternoon Session

1300-1330 *Group introductions*

**Other Applied Response Technologies (ART):
Non-dispersant approaches**

1330-1350 **Operational lessons learned during Macondo *in-situ* burning operations**

Paul Smith, Elastec/American Marine

1355-1425 **Offshore controlled *in-situ* burning operations and R&D highlight update**

Néré Mabile, BP

1430-1450 **Capion Global: Petrochemical technology solutions**

Christopher Noël, Capion Global

1455-1515 **OSCAR and PetroGuard-D solidifiers**

Luis Vargas, Guardian Environmental

1515-1530 *Break*

1530-1550 **Spill response and hydrocarbon harvesting technologies**

Jonathan Thatcher, AbTech Industries

1555-1615 **Solidifiers – From spill response to spill prevention**

Jamie Aderhold, CIAgent

1620-1640 **Organic bio-microbial enzyme to clean oil spill & dispersants- "Advanced Biotechnical Recovery Treatment"**

Ram Ramachandran, Ergofit USA

1645-1700 *Day 1 parting shots*

1700-1730 *Product displays/demos*

0815 *Day 2 Announcements*

**Other Applied Response Technologies (ART):
Non-dispersant approaches, continued**

0830-0850 **The use of herders to enable *in-situ* burning without boom**
David Palandro, ExxonMobil

Advances in conventional/mechanical spill recovery technologies

0855-0915 **Bureau of Safety and Environmental Enforcement oil spill response research program update**
Craig Ogawa, BSEE

0920-0940 **Testing and research of spill recovery technology conducted at the Ohmsett facility**
Bill Schmidt, Ohmsett

0945-1005 **Recent developments in the application of grooved disc skimming technology**
Paul Smith, Elastec/American Marine

1010-1030 **Coated skimmer development**
Wally Landry

1030-1040 **Boom Vane – River and near coastal deployment and applications**
Paul Smith, Elastec/American Marine

1040-1050 *Break*

1050-1110 **OSBORS: Adapting a unique dredging technology for sunken oil recovery**
Leo Guidroz, Oil Stop

1115-1135 **Submerged oil detection and recovery using a manned submersible**
Bill Hazel, Marine Pollution Control

1140-1200 **Underwater Inspection Systems**
Brian deMunnik

1200-1300 *Lunch*
On your own (see suggestions on handout)

Information acquisition and presentation

- 1300-1320 **Oil spill remote sensing after Deepwater Horizon – Learning from successes, limitations and developing capabilities**
Jan Svejksky
- 1325-1345 **Detection of thick patches of oil emulsions using Synthetic Aperture Radar (SAR)**
Oscar Garcia-Pineda
- 1350-1410 **Characterization of oil slicks using RADARSAT-2 quad-polarized data**
Gordon Staples, MDA
- 1415-1435 **Airborne and satellite oil spill remote sensing in support of disaster response**
Ira Leifer
- 1440-1500 **Using smartphones, cameras and commercial networks to improve and enhance oil spill response**
Kate Bland, Reality Mobile
- 1500-1515 *Break*
- 1515-1545 **1) The expanding capability of measuring surface currents in near-real time along the US coast**
Toby Garfield, SFSU
2) The California Coastal Ocean Observing Systems: What do they have to offer??
Julie Thomas, Scripps (Toby Garfield presenting)
- 1545-1600 *General Q & A on afternoon topics*
- 1600-1615 *Day 2 parting shots*
- 1615-1700 *Product displays and outdoor demos*

0815 *Day 3 Announcements*

Information acquisition and presentation, continued

- 0830-0900 **ERMA introduction and update**
Matt Dorsey, NOAA
- 0905-0935 **Geospatial approach to response data management
and SCAT decision-making**
Bill Robberson, EPA
- 0940-1000 **The future of e-SCAT: Lessons learned from the
trenches**
Alain Lemarche, EPDS / TRIOX
- 1005-1025 **Mobile GIS in emergency response: Technology
primer and case study**
Andrew Milanese, ES²
- 1030-1055 **Mobile field data collection and analysis**
Josh Bresette, Global Relief Technologies
- 1100-1120 **UAV remote sensing platforms for emergency
response and management**
Vince Ambrosia, NASA/CSUMB
- 1125-1145 **Small UAS: Operational capabilities**
Matt Ziska, AeroVironment
- 1150-1210 **Small USA utility assessment for maritime oil spill
response**
Todd Jacobs, NOAA
- 1210-1300 *Lunch*
On your own (see suggestions on handout)

Information acquisition and presentation, continued

- 1300-1320 **Detection and characterization of subsurface dissolved hydrocarbon plumes by in situ mass spectrometry – a demonstration in the natural laboratory of the Coal Oil Point seep field**
Ira Leifer
- 1325-1355 **1) SMART deliverables and general timing**
Jordan Stout, NOAA
2) SMART – A progress report
Brian Parscal, Parscal Pacific

Other response organization and agency updates

- 1400-1420 **Research updates for the Interagency Coordinating Committee on Oil Pollution Research (ICOPR) and the US Coast Guard Research and Development Center**
Eric Miller, USCG
- 1425-1445 **MSRC, post-Deepwater Horizon**
Scott Morris, MSRC
- 1450-1510 **Clean Seas LLC 2013: The new look in fast oil spill response**
Ike Ikerd, Clean Seas

Group discussion: The Way Forward

- 1510-1530 *Please complete the handout questions and/or participate in discussion*
- 1530 *Closing messages and wrap-up*

