

OSPR/Chevron Oil Spill Response Technology Workshop

Albert H. DeWitt Officers' Club, Alameda CA

February 23-26, 2015



AGENDA

Small Workshops

These informal sessions are in addition to the regular plenary days on Feb. 24-26. Some of the small workshop speakers will also be giving talks during the plenary session.

Attendees at the small workshops will primarily be those involved in field data collection or data display and management during oil spill responses. However, they are open to anyone who can drop by. No separate registration is required.

1230-1430	Workshop 1: Common Operating Picture (COP) – Expectations and Standards for Operational Use in CA <u>Includes:</u> ERMA COP (George Graettinger), Witt O’Brien’s COP (Paul Hastings), TRG COP (Kenny Rhame), ESRI COP (Mathew Davis)	(Judd Muskat of CDFW-OSPR will lead)
1430-1500	<i>Break</i>	
1500-1700	Workshop 2: Electronic Field Data Collection (for SCAT and Other) <u>Includes:</u> Chaac SCAT tool (Guillaume Nepveu), ESRI Collector App (Jeff Shaner), TRG Field Data Collection (Jeff Berg)	(Randy Imai of CDFW-OSPR will lead)

Day 2: February 24

0800-0830 **Sign-in**

0830-0850 **Welcome & Orientation**
Tom Cullen, *CDFW-OSPR*
Steve Herron, *Chevron Shipping*

Applied Response Technologies (ART)

0850-1015 **Dispersant Fundamentals and Related Research** Tom Coolbaugh
ExxonMobil

1015-1030 *Break*

1030-1200 **Oil Dispersants: To Use or Not to Use** Ron Tjeerdema
UC Davis

1200-1330 *Lunch*

1330-1355 **A Stimuli-Responsive Spontaneous Emulsifier that Prevents Oil Adherence to Keratin** Robert Lochhead
Univ. S. Mississippi

1355-1420 **Environmental & Operational Monitoring Technologies for In-Situ Burning** Alá Hamdan
MidLinX

1420-1450 **Bioremediation and Biodegradation** Alan Mearns (remote)
NOAA

1450-1515 **Multifunctional Protein-Surfactant Surface Washing Agent** Bob Chickering,
Vladimir Goren
Advanced BioCatalytics Corp.

1515-1530 *Break*

1530-1555 **Oil Solidifiers Used to Prevent and Clean Up Spills** Jamie Aderhold, Lea
Ann Chapman
CIAgent

1555-1620 **AbTech Spill Response and Hydrocarbon Harvesting Technologies** Glenn Rink
AbTech Industries

1620-1645 ~~**Utilization of Reclaimed Clean Post Manufacturing Waste (cancelled)**~~ David Brunning
First Defense Absorbents

0800-0830 **Sign-in****Response Technology Research and Coordination Updates**

0830-0855	BSEE Agency Update – Oil Spill Response Research	Jason Langteau <i>BSEE</i>
0855-0920	Recent Testing and Research Conducted at Ohmsett and Future Upgrades	Craig Ogawa <i>BSEE</i>
0920-0955	Update on USCG R&D Center (RDC) Projects	Kurt Hansen (remote) <i>USCG</i>
0955-1020	Initial Diluted Bitumen Studies	Carl Brown (remote) <i>Environment Canada</i>
1020-1035	<i>Break</i>	
1035-1100	Principles of Air Monitoring for In-Situ Burn Operations	Cory Davis <i>CTEH</i>

Remote Sensing and GIS

1100-1125	Observations and Forecasts of Surface Currents on the California Coast	Dave Anderson <i>MBARI/CenCOOS</i>
1125-1150	How Surface Currents and Wave Information Can Assist with Oil Spill Response	Julie Thomas <i>Scripps/SCCOOS</i>
1150-1215	MSRC's Remote Sensing Capabilities	Steve Benz <i>MSRC</i>
1215-1345	<i>Lunch</i>	

Remote Sensing and GIS, continued

1345-1410	Fingerprinting Oil Emulsions in Satellite Remote Sensing Imagery	Oscar Garcia <i>Water Mapping</i>
1410-1435	Oil Spill Preparedness and Response Using Space-Based Radar	Gordon Staples <i>MDA</i>
1435-1500	Emerging Remote Sensing Technologies for Detecting, Monitoring, and Mitigating Oil Spills	Bill Bernard <i>Reflected Light Science</i>
1500-1525	Considerations for Operating Small UAS in Remote Locations and from Ships at Sea in Support of Early Phase Oil Spill Quantification and Assessment, Skimming Operations and Living Marine Resource Surveys	Todd Jacobs <i>NOAA</i>
1525-1540	<i>Break</i>	
1540-1605	Evaluating Unmanned Aerial Systems for use in Natural Resources Damage Assessments	Matt Dorsey (via George Graettinger) <i>NOAA</i>
1605-1630	Risk Reduction <i>vis-à-vis</i> Early Warning Detection of Oil Leaks & Spills	Chris Chase <i>InterOcean Systems</i>
1630-1655	Enhanced Oil Spill Detection Sensors in Low-Light Environments	Toomas Allik <i>Active EO / US Army NVESD</i>

0800-0830 **Sign-in**

Remote Sensing and GIS, continued

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| 0830-0855 | Enabling Effective Interagency Oil Spill Remote Sensing - The FOSTERRS Working Group | Ira Leifer
<i>Bubbleology Research</i> |
| 0855-0920 | Evaluating the Pollution Potential of the Shipwreck M/V FERNSTREAM | Jordan Stout
<i>NOAA</i> |
| 0920-0945 | Recent Developments in Conventional Oil Spill Response and Remote Sensing at Elastec/American Marine | Paul Smith (remote)
<i>OceanSmith Services</i> |
| 0945-1010 | Surveillance and Reconnaissance Optimizing the use of TC Assets to Gain Public Confidence and Interdepartmental Recognition | Louis Armstrong
<i>Transport Canada</i> |
| 1010-1025 | <i>Break</i> | |

Field Data Collection

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| 1025-1050 | Mobile SCAT Data Management | Guillaume Nepveu
<i>Chaac Technologies</i> |
| 1050-1115 | US EPA Data Collection and COP Tools | Bill Robberson
<i>US EPA</i> |
| 1115-1140 | TRG -- Field Data Collection | Kenny Rhame
<i>The Response Group</i> |
| 1140-1205 | Highlights of Field Tools Workshop of Feb. 23 | Randy Imai
<i>CDFW-OSPR</i> |
| 1205-1330 | <i>Lunch</i> | |

Common Operating Picture

1330-1355	Good COP, Bad COP: Do You Know ERMA[®]?	George Graettinger NOAA
1355-1420	Integrating the Incident Command System (ICS) with a Common Operating Picture (COP)	Paul Hastings <i>Witt O'Briens</i>
1420-1445	TRG -- Common Operating Picture	Kenny Rhame <i>The Response Group</i>
1445-1510	Highlights of COP Workshop of Feb. 23	Judd Muskat CDFW-OSPR
1510-1525	<i>Break</i>	

Agency Updates

1525-1550	Interagency Coordinating Committee on Oil Pollution Research Update	William Vocke ICCOPR
1550-1620	A Comprehensive Oil Spill Prevention and Response Program for California: The Office of Spill Prevention and Response (OSPR) Expands to Cover Non-Marine Waters of the State	Yvonne Addassi CDFW-OSPR
1620-1630	Closing Remarks	<i>OSPR and Chevron</i>

Wireless Network Info

Network Name: Alfred DeWitt

No Password Needed