

# **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	<b>Workshop 1: Common Operating Picture (COP) – Expectations and Standards for Operational Use in CA</b> <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	<b>Workshop 2: Electronic Field Data Collection (for SCAT and Other)</b> <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.**

David Brunning  
*First Defense  
Absorbents*

**Day 3:**

**February 25**

**Morning Session**

0800-0830 **Sign-in**

**Response Technology Research and Coordination Updates**

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

**Remote Sensing and GIS**

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

**Remote Sensing and GIS, continued**

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

0800-0830 **Sign-in**

### Remote Sensing and GIS, continued

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

### Field Data Collection

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

### Common Operating Picture

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

### Agency Updates

1525-1550	<b>Interagency Coordinating Committee on Oil Pollution Research Update</b>	William Vocke ICCOPR
1550-1620	<b>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</b>	Yvonne Addassi CDFW-OSPR
1620-1630	<b>Closing Remarks</b>	<i>OSPR and Chevron</i>

**Wireless Network Info**

**Network Name: Alfred DeWitt**

**No Password Needed**