**2013 Oil Spill Response Technology Workshop Presentations**

The California Department of Fish and Wildlife, Office of Spill Prevention and Response and Chevron Corporation presented their fifth Oil Spill Response Technology Workshop February 26-28, 2013. The intent of the workshop was to bring together the government, industry and commercial oil spill response community for training, presentations and discussions on current and cutting-edge technologies in the field of oil spill prevention and response.

|  |  |
| --- | --- |
| **Agenda****Abstract/Speaker Biographies and Contacts** | 67754*59700* |
| **Dispersant Chemicals: Understanding the Conventional and the New** Dispersant Fundamentals and ExxonMobil Product Update (Tom Coolbaugh) Oil Anti-Deposition Agent for Nearshore and Inland Water Treatment (Lisa Kemp) | *67755**67756* |
| **Other Applied Response Technologies (ART): Non-Dispersant Approaches**Operational Lessons Learned During Macondo In-Situ Burning Operations (Paul Smith) Offshore Controlled *In-Situ* Burning Operations and R&D Highlight Update (Nere Mabile) Capion Global: Petrochemical Technology Solutions (Christopher Noël) OSCAR and PetroGuard-D Solidifiers (Luis Vargas) Spill Response and Hydrocarbon Harvesting Technologies (Jonathan Thatcher) Solidifiers – From Spill Response to Spill Prevention (Jamie Aderhold)*Not Available:*Organic Bio-Microbial Enzyme to Clean Oil Spill & Dispersants-"Advanced Biotechnical Recovery Treatment" (Ram Ramachandran) The Use of Herders to Enable *In-Situ* Burning Without Boom (David Palandro) | *67757**67758**67759**67760**67761**67763* |
| **Advances in conventional/mechanical spill recovery technologies** Bureau of Safety and Environmental Enforcement Oil Spill Response Research Program Update (Craig Ogawa) Testing and Research of Spill Recovery Technology Conducted at the Ohmsett Facility (Bill Schmidt) Coated Skimmer Development (Wally Landry) OSBORS: Adapting a Unique Dredging Technology for Sunken Oil Recovery (*Leo Guidroz)*Submerged Oil Detection and Recovery Using a Manned Submersible (*Bill Hazel)**Not Available:* Recent Developments in the Application of Grooved Disc Skimming Technology (Paul Smith) Boom Vane – River and Near Coastal Deployment and Applications (*Paul Smith)* Underwater Inspection Systems (Brian deMunnik) | *67764**67765*67767*67768*67769 |
| **Information acquisition and presentation** Oil Spill Remote Sensing after Deepwater Horizon – Learning from Successes, Limitations and Developing Capabilities (Jan Svejkovsky) Detection of Thick Patches of Oil Emulsions Uusing Synthetic Aperture Radar (Oscar Garcia) Characterization of Oil Slicks Using RADARSAT-2 Quad-polarized Data (Gordon Staples) Airborne and Satellite Oil Spill Remote Sensing in Support of Disaster Response (Ira Leifer) Using Smartphones, Cameras and Commercial Networks to Improve and Enhance Oil Spill Response (Kate Bland) ERMA Introduction and Update (Matt Dorsey) Geospatial Approach to Response Data Management and SCAT Decision-Making (Bill Robberson) The Future of e-SCAT: Lessons Learned from the Trenches (Alain Lemarche) Mobile GIS in Emergency Response: Technology Primer and Case Study (Andrew Milanes) Mobile Field Data Collection and Analysis (Josh Bresette) UAV Remote Sensing Platforms for Emergency Response and Management (Vince Ambrosia) 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) SMART – A Progress Report (Brian Parscal)*Not Available:* The Expanding Capability of Measuring Surface Currents in Near-Real Time Along the US Coast (Toby Garfield) The California Coastal Ocean Observing Systems: What Do They Have to Offer?? (Julie Thomas: Toby Garfield presenting) Small UAS: Operational Capabilities (Matt Ziska) Small USA Utility Assessment for Maritime Oil Spill Response (Todd Jacobs) SMART Deliverables and General Timing (Jordan Stout) | 67775677766777867779677806778467785677866778767791677926779367794 |
| **Other response organization and agency updates** MSRC, Post-Deepwater Horizon (Scott Morris) Clean Seas LLC 2013: The New Look in Fast Oil Spill Response (Ike Ikerd)*Not Available:* Research Updates for the Interagency Coordinating Committee on Oil Pollution Research (ICCOPR) and the US Coast Guard Research and Development Center (Eric Miller) | 6778167782 |