

# Technology Exhibition

EXHIBIT HOURS  
Tuesday, October 7  
Open 8 a.m. to 7 p.m.

EXHIBIT HOURS  
Wednesday, October 8  
Open 8 a.m. to 4 p.m.

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\*Exhibitors as of June 18, 2014

The California State Lands Commission invites you to attend Prevention First 2014, an Onshore & Offshore Pollution Prevention Symposium and Technology Exhibition. Eminent experts and professionals from academia, industry, and government from around the country will gather at this important Symposium to share information and introduce concepts in pollution prevention focusing on: Marine Invasive Species Management, Alternative and Renewable Energy, Root Cause in Maritime Incident Investigation, Offshore Facility and Process Safety, LNG Bunkering, Marine Oil Terminal Engineering and Maintenance Standards- Revision and Compliance, Marine Oil Terminal Infrastructure, Pipeline Integrity Management, Safe Transport of Crude Oil by Rail, Hydraulic Fracturing, Risk Analysis and Process Safety at Marine Oil Terminals, Drilling and Completion Methods and others. The Technology Exhibition will feature exhibits showcasing products and services by vendors facilitating pollution prevention in California's marine waters.

## Lodging

Westin Long Beach  
The Official Hotel for Prevention First 2014  
333 E. Ocean Boulevard  
Long Beach, CA 90802

Attendees are responsible for making their own hotel reservations.

A limited number of rooms at \$159 per night plus tax for single or double occupancy have been reserved at the Westin Long Beach for conference attendees. (There is a \$25 charge per night for an additional person.) Rooms at this rate are available from October 2 to October 12, 2014, depending on availability. The cut-off date for these rooms is 5:00 P.M. Monday, September 15, 2014.

Make your reservations online at  
[www.slc.ca.gov](http://www.slc.ca.gov)  
or contact the hotel directly  
at (562) 436-3000  
and reference Prevention First 2014

## Parking

The Westin Long Beach is offering the following discounted parking rates for Prevention First attendees: Daily Self-Parking-\$10; Daily Valet Parking-\$12; Overnight Self-Parking-\$17 ; Overnight Valet Parking-\$20. (These rates are subject to change.) Bring your parking ticket to the event for validation.

## Travel and Ground Transportation

Attendees are responsible for their own travel and ground transportation arrangements.

Long Beach is accessible through many airports including Los Angeles International (LAX), Long Beach (LGB), and Orange County/John Wayne (SNA). There are numerous options for ground transportation.

## General Information

For things to do in Long Beach, see the Long Beach Area Convention and Visitor's Bureau website at [www.visitlongbeach.com](http://www.visitlongbeach.com).

For additional information, contact the Symposium Coordinator at (562) 985-2876. Hotel reservations, event registration, and updated event information are also available at [www.slc.ca.gov](http://www.slc.ca.gov).



# California State Lands Commission

presents

# Prevention First 2014

An Onshore & Offshore Pollution Prevention  
Symposium & Technology Exhibition

October 7-8, 2014

The Westin Long Beach Hotel  
Long Beach, California



## Commissioners

Gavin Newsom, *Lieutenant Governor*  
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8:00 - 9:00	REGISTRATION & CONTINENTAL BREAKFAST	<i>Day One</i>	TUESDAY, OCTOBER 7	<i>Day One</i>	
9:00 - 10:00	GENERAL SESSION and WELCOMING REMARKS				
	Laura Kovary, <i>Chief</i> <i>Marine Facilities Division, California State Lands Commission</i>			Thomas Cullen, <i>Administrator</i> <i>Office of Spill Prevention and Response (OSPR)</i> <i>California Department of Fish and Wildlife</i>	Jennifer Lucchesi, <i>Executive Officer</i> <i>California State Lands Commission</i>
10:00 - 10:30	NETWORKING BREAK (Coffee in the Exhibit Hall)				
10:30 - 11:30	KEYNOTE — Environmental Stewardship Through Chevron's Operational Excellence Management System (OEMS), Wes Lohec, <i>Vice President, Health Environment and Safety, Chevron</i>				
11:30 - 1:00	BUFFET LUNCH				
1:00 - 3:00	AFTERNOON BREAKOUT SESSIONS				
	<b>Tsunami Preparedness: An Operational Discussion</b> Moderator: Laura Kovary, <i>California State Lands Commission</i> Crescent City: Lessons Learned Ted Trenkwalder, S.E., <i>Ben C. Gerwick, Inc.</i> Tsunami Hazard Assessment in California Ports and Harbors Patrick J. Lynett, Ph.D., <i>University of Southern California</i> Dispersal of Vessels from Southern California in the Event of a Tsunami Kip Loutitt, <i>Marine Exchange of Southern California</i> Dispersal of Vessels from Northern California in the Event of a Tsunami TBD, <i>United States Coast Guard</i> Tug & Pilot Availability in the Event of a Tsunami CAPT Mark P. Coynes, <i>Jacobsen Pilot Service</i>	<b>MOTEMS Compliance</b> Moderator: Kendra C. Oliver, P.E., <i>California State Lands Commission</i> IMTT Richmond Terminal: MOTEMS Wharf Re-build; Concept to Completion John Barrella, <i>International-Matex Tank Terminals</i> Chevron Richmond Long Wharf—A MOTEMS Journey Karen Boven, <i>Chevron</i> New Point Loma Fuel Pier Stephen Frey, <i>NAVSUP Fleet Logistics Center San Diego</i> ; Alberto Sanchez, P.E. and Nam Nguyen, P.E., <i>Naval Facilities Engineering Command SW</i>	<b>Preparing for Response</b> Moderator: Ted Mar, <i>California Department of Fish and Wildlife, OSPR</i> Spill Response—The First 96 Hours... CDR Lexia M. Littlejohn, <i>United States Coast Guard, San Francisco Sector</i> Overview of Environmental Regulations (USCG) Jonathan K. Waldron, <i>Blank Rome LLP</i> Managing an Incident in the United States Joe Walsh, <i>Clyde &amp; Co US LLP</i>	<b>Oil and Gas Development—Current Topics</b> Moderator: Steve M. Curran, <i>California State Lands Commission</i> What is the Monterey Formation and Why Is Everyone So Excited About It? Professor Richard J. Behl, <i>California State University, Long Beach</i> Revitalizing the Giant Oil Fields of the LA Basin: New Opportunities/New Challenges Donald L. Paul, <i>University of Southern California</i> Well Stimulation in California: Updates on Implementation of Senate Bill 4 (Pavely) Jason Marshall, <i>California Department of Conservation</i> Cement Durability in Oil and Gas Wells Applications Alfred Santos, <i>Cemex U.S. Operations</i>	
3:00 - 3:30	BREAK				
3:30 - 4:30	AFTERNOON BREAKOUT SESSIONS, continued				
	<b>Bunkering</b> Moderator: Laura Kovary, <i>California State Lands Commission</i> LNG Bunkering on Ships Herman de Jong, <i>Det Norske Veritas/Geminischer Lloyd, Long Beach</i> Bunkering Incidents and Accidents at Container Terminals Deborah Franco, <i>Harley Marine</i> West Coast Bunkering Best Practices/Update Mike Coyne, <i>California Department of Fish and Wildlife, OSPR</i>	<b>Beyond MOTEMS Compliance</b> Moderator: Helen Galope, P.E., <i>California State Lands Commission</i> Procurement & Design of Composite Fender Piles to Meet MOTEMS Marc Percher, P.E., <i>Moffatt &amp; Nichol</i> Vessel Traffic Analyses in the Carqueinez Straits Jean Toilliez, Ph.D., P.E., <i>Ben C. Gerwick, Inc.</i> Seismic Flex Product Pipeline System William Bruin, P.E., <i>Simpson Gumpertz &amp; Heger</i>	<b>Crude by Rail/Pipeline</b> Moderator: Ted Mar, <i>California Department of Fish and Wildlife, OSPR</i> Rail Transport of Crude Oil—Crude Oil Transport and Its Hazards Ernie Sirotek, <i>Federal Railroad Administration</i> California Transportation Fuel and Crude Oil Trends Gordon Schremp, <i>California Energy Commission</i> Petroleum Pipeline Awareness/Operations/Dangers/Location Pete Murphy, <i>Kinder Morgan</i> Rail Ramps Up Oil Delivery: Get It to the Coast Brent Moore, <i>TRC</i>	<b>Platforms, Facilities, and Process Safety</b> Moderator: Mark B. LeClair, <i>California State Lands Commission</i> Safety and Environmental Management Systems (SEMS)—Current Issues & Updates Staci King and Jaron Ming, <i>BSEE</i> The Importance of Platform Process Safety Audit Updates—Data Collection and Documentation Needs Greg Marsh and Jeff Hall, <i>InterAct</i> CSLC Safety and Pollution Prevention Program Mark Steinhilber and David Rodriguez, <i>California State Lands Commission</i>	
4:30 - 6:30	EVENING RECEPTION				
7:30 - 8:30	CONTINENTAL BREAKFAST				
8:30 - 10:00	MORNING BREAKOUT SESSIONS				
	<b>Ballast Water Management Compliance: Assessment Methods, Trends, and Tools</b> Moderator: Christopher Brown, <i>California State Lands Commission</i> Assessing Compliance with California's Ballast Water Management Laws: From Exchange to Performance Standards Christopher Brown, <i>California State Lands Commission</i> Ballast Water Compliance Assessment Research and Development Activities Richard Everett, Ph.D., <i>United States Coast Guard (invited)</i> Minimizing Risk Through Compliance Monitoring and Contingency Treatment Kevin Reynolds, P.E., <i>The Glosen Associates</i> Viruses in Ballast Water: What Are They and Why Do We Care? Joan Rose, Ph.D., <i>Michigan State University</i>	<b>Next Generation Standards—Piers &amp; Wharves</b> Moderator: Alex Augustin, <i>California State Lands Commission</i> MOTEMS Goes International—Overview of New PIANC Guidelines Currently in Development Ron Heffron, P.E., <i>Moffatt &amp; Nichol</i> MOTEA SCE 61-14: A New Seismic Design Standard for Piers and Wharves Gayle S. Johnson, P.E., <i>Simpson Gumpertz &amp; Heger</i> Passing Vessel Analysis: Overview of ROPES JIP Software Rod K. Iwashita, P.E., <i>Moffatt &amp; Nichol</i> Philosophy Behind New PIANC Methodology for Design of Mooring Hooks and Support Structures Martin L. Eskjijan, P.E., <i>Independent Consultant</i>	<b>OCIMF's Trifecta—The Marine Terminal Information System—MTMSA, MTPQ, and MTOCT</b> Moderator: Laura Kovary, <i>California State Lands Commission</i> Terminals Overview of OCIMF—Marine Terminal Information System, Marine Terminal Management and Self Assessment, and Marine Terminal Particulars Questionnaire CAPT William Crabbs, <i>Phillips 66 Company</i> Offshore Vessel Inspection Database and Vessel Management and Self Assessment CAPT Marta Krogstad, <i>Chevron Shipping</i> Tank Vessel Safety and the MTMSA, VPQ, and SIRE CAPT Aled Roberts, <i>BP Shipping</i>	<b>Pipelines Safety</b> Moderator: Chandrashekar Basavalinganoddi, P.E., <i>California State Lands Commission</i> Updates of Pacific OCS Region's Pipelines Theresa P. Bell, <i>BSEE</i> Tidelands Pipeline Corridor Project Rick Cassinis, <i>Oxy</i> Development and Evaluation of a Steel-Composite Hybrid Composite Repair System Carl Brooks, <i>Western Specialities</i> Platform Holly Power Cable Project Bruce Carter, Bob Manning, Jerry Jeffreys, and Mary Neher, <i>Venoco</i>	
10:00 - 10:30	BREAK				
10:30 - 11:30	MORNING BREAKOUT SESSIONS, continued				
	<b>Marine Invasive Species Program Update</b> Moderator: Nicole Dobroski, <i>California State Lands Commission</i> Patterns of Vessel Traffic and Ballast Water Management in California Raya Nedelcheva, <i>California State Lands Commission</i> The Status of California's Ballast Water Performance Standards and an Update on Available Ballast Water Treatment Technology Jonathan Thompson, <i>California State Lands Commission</i> Vessel Biofouling Management in California: Current Practices and the Development of Comprehensive Policies Chris Scianni, <i>California State Lands Commission</i>	<b>Next Generation Standards—Environmental</b> Moderator: Michael Edwards, P.E., <i>California State Lands Commission</i> ASCE/SEI 7-16: New Chapter 6 Tsunami Loads & Effects Ian Robertson, Ph.D., P.E., <i>University of Hawaii at Manoa</i> Adaptive Measures for Sea Level Rise and Climate Change Jack Gerwick, P.E., <i>Ben C. Gerwick, Inc.</i>	<b>Marine Salvage and Firefighting</b> Moderator: John W. Albrough, <i>United States Coast Guard, LA-LB Sector</i> Municipal Fire Departments & the USCG: Defining Roles and Responsibilities Steve Raganold, <i>Long Beach Fire Department</i> Update on Marine Firefighting & Salvage Regs TBD, <i>United States Coast Guard</i> Firefighting Response Gone Wrong—Lessons Learned TBD, <i>Salvage Company Representative</i>	<b>Offshore Platforms/Special Topics</b> Moderator: Mark Steinhilber, <i>California State Lands Commission</i> Platform Emmy Deck Extension Project Robert SchAAF, <i>Oxy</i> Safe Replacement of Platform Cranes in the Cook Inlet—Challenges and Lessons Jeff Hall, <i>InterAct</i> Reduction in Natural Oil and Gas Seeps Due to Hydrocarbon Production at South Ellwood Field—Platform Holly Chris Peltonen, Ph.D., <i>Venoco</i>	
11:30 - 1:00	BUFFET LUNCH				
1:00 - 3:00	AFTERNOON BREAKOUT SESSIONS				
	<b>A Collaborative Panel Discussion on The Present and Future of Regulating In-Water Hull Cleaning in California</b> Moderator: Chris Scianni, <i>California State Lands Commission</i> Paul Hann, <i>California State Water Resources Control Board</i> Jenny Newman, <i>Los Angeles Regional Water Quality Control Board</i> David Elias, <i>San Francisco Bay Regional Water Quality Control Board</i> Dylan Porter, <i>Port of Long Beach</i> Richard Barta, <i>Muldoon Marine Services</i> TBD, <i>United States Environmental Protection Agency</i>	<b>Next Generation Standards—2016 MOTEMS</b> Moderator: Avinash Nafday, Ph.D., P.E., <i>California State Lands Commission</i> MFD Proposals for 2016 MOTEMS Avinash Nafday, Ph.D., P.E., <i>California State Lands Commission</i> Kendra C. Oliver, P.E., <i>California State Lands Commission</i> Hosny Hakim, P.E., <i>California State Lands Commission</i> Michael Edwards, P.E., <i>California State Lands Commission</i> Helen Galope, P.E., <i>California State Lands Commission</i> Alex Augustin, <i>California State Lands Commission</i> Rakesh K. Goel, Ph.D., P.E., <i>California State Polytechnic University, San Luis Obispo</i> Open Discussion	<b>Oil and Gas Related Topics</b> Moderator: Laura Kovary, <i>California State Lands Commission</i> Escalating Hydrogen Sulfide in Cargos: Why? What Can We Do? TBD, <i>Affiliation</i> Hydrogen Sulfide and Pipeline Corrosion TBD, <i>Affiliation</i> Performing Well Integrity Reviews for Injection and Hydraulic Fracturing Permit Approval Uliana Micovic, <i>InterAct</i> Induced Seismicity TBD, <i>Affiliation</i>	<b>Offshore Projects</b> Moderator: Richard B. Greenwood, <i>California State Lands Commission</i> High Energy Seismic Surveys Offshore of California's Nuclear Power Plants—Permitting Challenges and Lessons Learned Simon A. Poulter, <i>Padre Associates, Inc.</i> Health and Safety Experience and Planning for Conducting Offshore Surveys Jessica Ward, <i>ERM</i> Application of Geoinformatics for Offshore Pollution Management Sampath Kumar, Ph.D., <i>BMS College of Engineering, India</i> High- and Low-Energy Marine Surveys: Making Sense of the New Geophysical Survey Permit Requirements Denise Toombs, <i>ERM</i> , and Jennifer DeLeon, <i>California State Lands Commission</i>	
3:00 - 4:00	DOOR PRIZE DRAWING IN TECHNOLOGY EXHIBITION AREA				

◆ Indicates Breakout Session # as of June 18, 2014

# Symposium Registration

## Symposium Registration Fees

Early Registration Fee (by September 5) .....\$225  
 Late Registration Fee (starting September 6) .....\$275  
 Registration fee includes two continental breakfasts, refreshments for AM/PM breaks, two lunches, an evening reception, and Symposium materials.

Register by credit card online at:  
[www.slc.ca.gov](http://www.slc.ca.gov)

or  
 Mail payment and form below to:  
 Prevention First 2014  
 c/o CSULB/CITT  
 1000 Studebaker Road, Suite 3  
 Long Beach, California 90815  
 General Information: (562) 985-2876

## Symposium Registration Form

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Cancellation Policy: Cancellations received in writing by September 5, 2014 are subject to a \$25 fee. After September 5, 2014, substitutions will be accepted but no refunds will be provided.