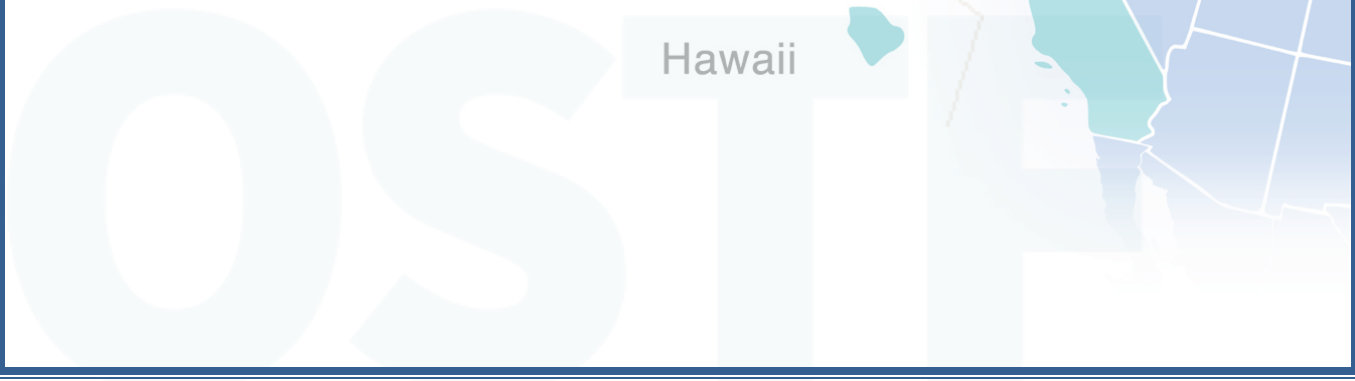
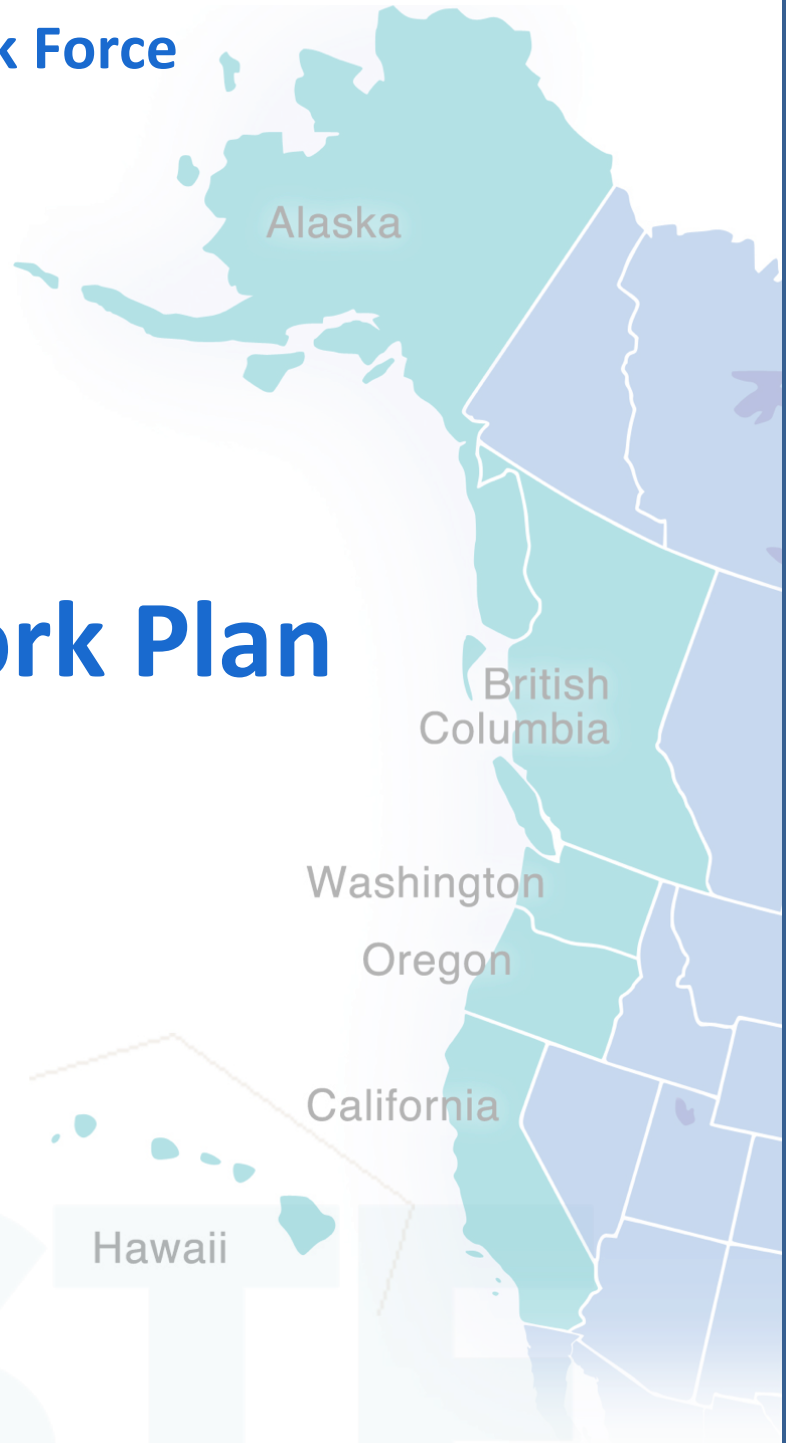




**The Pacific States/British Columbia
Oil Spill Task Force**

**2013-2014
Annual Work Plan**

September 2013



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STATEMENT OF AUTHORITY

This document represents a consensus of the Pacific States/British Columbia Oil Spill Task Force Members in support of activities identified for the upcoming year, September 2013 through August 2014. This Annual Workplan is pursuant to the Pacific States/British Columbia Oil Spill Memoranda of Cooperation of 1989 and 2001 and the 2009-2014 Strategic Plan, and is endorsed by the following members:

[NOTE: Signatures are on file at the Task Force office]

Larry Hartig, Commissioner
The Alaska Department of Environmental Conservation

Date

Wes Shoemaker, Deputy Minister
The British Columbia Ministry of Environment

Date

Thomas M. Cullen Jr., Administrator
Office of Spill Prevention and Response
California Department of Fish and Wildlife

Date

Gary Gill, Deputy Director for Environmental Health
Hawaii Department of Health

Date

Dick Pedersen, Director
Oregon Department of Environmental Quality

Date

Dale Jensen, Spills Program Manager
Washington Department of Ecology

Date

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INTRODUCTION

Welcome to the 2013-2014 Annual Workplan presented by the Pacific States/British Columbia Oil Spill Task Force (Task Force). The plan contains the goals and associated activities that the Task Force will carry out in 2013-2014 including the key tasks, deliverables and target dates for accomplishing the work. In the course of the year we may add additional goals and tasks as-needed; this workplan is not a static document rather a roadmap for a year's work ahead with flexibility to address new and emerging issues as they arise.

This year, one of our focused efforts will be to undertake a strategic planning process to re-evaluate the strategies, goals and tasks laid out in 2008-2014 Strategic Plan. As part of this process, we will explore how best to integrate the strategic plan with our annual workplan and reporting tools we use to share the progress and results of our work.

The workplan tasks are executed by the Task Force's Coordinating Committee and project-specific workgroups made up of member agency staff, topical experts and stakeholders. Project coordination, facilitation and organizational support are provided by the Executive Coordinator. We report on our workplan activities by regularly posting project progress reports and meeting notes on the Task Force website, presenting updates at our Annual Meeting, and summarizing project milestones and accomplishments in our Annual Report.

For additional information on the Task Force and our programs, please visit our website:
www.oilspilltaskforce.org

SPILL PREVENTION OBJECTIVE

TO PREVENT OIL SPILLS FROM A VARIETY OF SOURCES,
INCLUDING VESSELS, PIPELINES, FACILITIES, VEHICLES AND RAILROADS.

GOAL 1: Track changing trends in oil movement on the West Coast

The Task Force is tracking the changes in how oil is being moved throughout the West Coast states and British Columbia. A number of proposed projects in the region will change the landscape for how oil is moved in and out of the region including pipeline expansion projects and rail facility projects. These projects may have an impact to the region specifically since the changes bring concerns regarding the type of oils produced, a shift in the methods of shipment, response and preparedness gaps along railways, and port facility capacities.

The Task Force will gather information that will help each jurisdiction address the changing landscape to ensure prevention, preparedness and response measures are adequate.

2013-2014 TASKS

Task 1. Develop map to depict oil movement in West Coast and British Columbia region to be used for communication purposes.

Target date: Winter 2014

Deliverable: Conceptual map depicting how oil is moved throughout the region.

Task 2. Expand data collection project to include tracking data on the type of oil moved and volume. This may include updating the data dictionary.

Target date: Spring 2014

Deliverable: List of products and volumes

Task 3. Conduct funding analysis of each jurisdiction to identify how each state is currently funded and where there may be revenue challenges as part of the new oil movement throughout the region.

Target date: Spring 2014

Deliverable: Funding Mechanism Issue Paper

Responsibilities:

Coordinating Committee Members: Work with appropriate state agencies to procure relevant data on transportation and facilities, and lead drafting of issue paper. WA and OR Co-leads.

Executive Coordinator: Support Coordinating Committee in developing a map based on the energy transport and facilities data, and coordinate writing and producing the Issue Paper.

GOAL 2: Maintain a regional database of spills in our member jurisdictions

The Task Force's regional oil spill database, which was launched in 2003, is a unique and valuable resource that enables us to track trends in spills and related causal factors. Using a standardized data dictionary to ensure uniform entries, we collect data on all spills of a barrel or larger. It remains an ongoing challenge to refine the information entered to a level of specificity that supports effective analysis while also taking into account the varied collection capabilities of member agencies. The database is defined by the Task Force's data dictionary, which was created in 2007 and most recently revised in 2012.

2013-2014 TASKS:

Task 1. Convene Data Workgroup Scoping Meeting

In this meeting, the workgroup will scope out the data project review process. The scoping effort will identify an approach to answering the following questions:

1. How is the data being used?
2. Is there still a need for all of the data being collected?
3. Is there new data that should be included such as spills from pipelines, rail and trucks?
4. What analysis of the data would be useful for Task Force jurisdictions to improve their prevention strategies?
5. Is the data dictionary up-to-date?

Target Date: Fall, 2013

Deliverable: Draft strategy and schedule for data project review including objectives of the review, timeline, target dates and description of products.

Task 2. Convene a day-long Data Workgroup Session

During this day-long working session, the data workgroup will revisit and refine objectives of the data project, identify data needs, define analysis required, and revise data dictionary as-needed.

Target date: Spring, 2014

Deliverable: Draft report summarizing revised goals and scope of the data project; analysis approaches; revised data dictionary.

Responsibilities:

Coordinating Committee: A Coordinating Committee member or designated member agency staff will serve on Database Workgroup. Current Chair: Cathy Conway (OSPR).

Executive Coordinator: Support Database workgroup by scheduling conference call and workgroup session meeting dates, preparing meeting and background materials, facilitating the meetings and collaborating with workgroup on preparing meeting summaries and next steps.

GOAL 3: Conduct a 5-year implementation status review of the West Coast Offshore Vessel Risk Management (WCOVTRM) Project.

The West Coast Offshore Vessel Traffic Risk Management (WCOVTRM) Project took place from 1999-2002 and was a collaboration between the Pacific States/British Columbia Oil Spill Task Force and the U.S. Coast Guard Pacific Area. The goal of the project was to reduce the risk of collisions or drift groundings caused by vessel traffic transiting 3 to 200 nautical miles off the West Coast between Aleutian Islands and western Alaska in the North, and San Diego in the South. The initial 5-year review took place in 2008, and the second WCOVTRM Project review will take place 2013-2014.

2013-2014 TASKS:

Task 1: Scope WCOVTRM 5-year review with workgroup

The WCOVTRM workgroup will meet via conference call to develop an approach, assignments, schedule, and timeline for the 5-year review process.

Target date: Fall 2013

Deliverables: A WCOVTRM project review workplan including schedule, list of assignments and identified deliverables for the review process.

Task 2: Launch WCOVTRM review of recommendations

The WCOVTRM workgroup will commence their review of the 2008 recommendations per the workplan developed in step 1. Periodic check-in meetings via conference calls or webinar will take place during the approximately 5-month project review period.

Target date: November 2013-March 2014

Deliverables: Updates on evaluation of recommendations shared with workgroup during conference calls.

Task 3. Prepare summary report of 2013-2014 WCOVTRM review

The workgroup will compile a draft summary of findings from the evaluation of the implementation of recommendations since the 2008 review. This draft will be circulated to Task Force members for comment and review, as well review by the public. The draft will include new recommendations by the workgroup, if applicable. Final version will be presented at the 2014 Annual Meeting.

Target date: April-September, 2014

Deliverables: Final report of 2014 WCOVTRM 5-year review.

Responsibilities:

Coordinating Committee: Convene a WCOVTRM workgroup (consisting of former WCOVTRM workgroup members, if possible plus CC members) to develop an approach, timeline and scope of work for the 5-year review process.

Executive Coordinator: Support Coordinating Committee and WCOVTRM workgroup in preparing for and executing the review process. Coordinate and facilitate meetings and conference calls, and work with WCOVTRM workgroup on developing the Final Report.

GOAL 4: Support the Pacific Oil Spill Prevention Education Team's prevention education campaign.

The Pacific Oil Spill Prevention Education Team (POSPET) has been successfully targeting outreach at marinas and harbors where small spills from recreational vessels are the major concern. The Clean Harbor and Clean Marina programs continue to certify new facilities, pointing to POSPET's member's success at targeted outreach and education.

2013-2014 TASKS:**Task 1: Conduct twice-yearly POSPET workgroup meetings**

During these meetings, the POSPET workgroup will report out on progress in outreach activities and update on Clean Harbor and Clean Marina facility certification to-date. In addition, the group will share information on new and emerging approaches to reach the public using electronic media and other outreach strategies.

Target date: Fall 2013 and Spring 2014

Deliverables: Meeting summaries containing updates on outreach efforts, recommendations for expanded outreach approaches, and data on the year's certification program.

Task 2. Implement changes to POSPET website and Annual Report

Expand the POSPET page on the Task Force website to include social media links from POSPET member's programs, information on how to obtain Clean Marina/Harbor certification; photos of outreach activity; and lessons learned from member jurisdictions or efforts underway in other parts of the country.

Target date: September 2013– Marh 2014

Deliverables: Updated POSPET page on the OSTF website

Task 3. Incorporate Alaska into the 800-OILS-911 call line

The AT&T call-in number for spills currently does not include Alaska. The Task Force will pursue feasibility of expanding the 800-OILS-911 to part or all of Alaska.

Target date: Fall 2014

Deliverable: Activated 800-OILS-911 call number across portions or all of Alaska.

Responsibilities:

Coordinating Committee: A Coordinating Committee Member or designated staff will serve on the POSPET Workgroup and participate in developing and implementing outreach activities and programs. Current Chair: Eric Olssen (WA Sea Grant).

Executive Coordinator: Maintain OILS-911 call log, distribute outreach materials, maintain POSPET web page and facilitate twice-yearly meetings.

GOAL 5: Track oil spill risks from sunken and derelict vessels

Derelict vessels continue to pose a threat to the public and environment as well as a challenge for local, state and federal governments. Ongoing issues include lack of sufficient funding to remove and deconstruct derelict vessels, permitting challenges and tracking the location of abandoned and derelict vessels. Task force will explore collaborating with NOAA to incorporate existing derelict vessel data into West Coast ERMA.

Task 1. Write letter to United States Senator Maria Cantwell to support Washington and Oregon Governor's letter requesting federal funding for derelict vessel removal.

Target Date: February 2014

Deliverable: Joint Task Force letter to Senator Cantwell

Task 2. Incorporate state's GIS data projects for mapping location of derelict vessels with NOAA's ERMA mapping project.

Target Date: Spring 2014

Deliverable: Shared database with GIS layer for derelict vessels.

Task 3. Continue to address vessel deconstruction permitting challenges in each jurisdiction.

Target Date: 2014 Legislative Session

Deliverable: Legislative outcome

Responsibilities:

Coordinating Committee: Work with appropriate state agencies to procure relevant data on transportation and facilities. WA and OR Co-lead project.

Executive Coordinator: Support Coordinating Committee in drafting letter of support for federal funding, and Coordinate with NOAA on integrating derelict and sunken vessel data into West Coast ERMA mapping tool.

SPILL PREPAREDNESS AND RESPONSE OBJECTIVE

TO ENHANCE OIL SPILL PREPAREDNESS AND RESPONSE CAPABILITIES THROUGHOUT OUR REGION

GOAL 1: Review and update Volunteer Planning and Management Guidelines

The *Cosco Busan* spill in 2007 highlighted the necessity and importance of training and organizing citizen volunteers on oil spill clean-up activities while ensuring that their health and safety are not at risk. California and Washington are working on volunteer planning and management approaches that utilize existing volunteer programs. The intention of these programs is to harness the public's keen interest in helping during spill incidents without jeopardizing citizen's safety and the environment.

2013-2014 TASKS:

Task 1: Review and update Task Force's guidance for volunteer management.

Target date: Winter 2014

Deliverable: Revised guidelines and sample training protocol/templates for volunteer planning and management programs.

Task 2. Support the implementation of volunteer management program in WA, CA and development of similar programs in other member jurisdictions.

Target date: Summer 2014

Deliverable: Guidelines and templates for use in each jurisdiction.

Responsibilities:

Coordinating Committee: Select a sub-committee to review and update guidance on volunteer management, and coordinate with appropriate volunteer organizations and agency staff to implement programs in member jurisdictions.

Executive Coordinator: Support Coordinating Committee in crafting guidance, organize and facilitate conference calls and meetings as-needed, and finalize and distribute guidelines, templates and protocols to member jurisdictions

GOAL 2: Compile and share information on characteristics, fate and transport, and response approach for oil sands products and other new 'heavy oil' materials.

In April 2012, the Task Force co-hosted with the WA Dept. of Ecology a 2-day workshop in Seattle on Oil Sand Products for spill program managers, response practitioners, industry representatives and other stakeholders. The workshop provided an overview of the characteristics of oil sands products and offered participants an opportunity to engage in mock response scenarios involving spills of diluted bitumen and other oil sand products in marine, facility and on-land environments. This workshop was the first of its kind on the west coast and was intended to provide an opportunity for the response community to learn more about the issues surrounding this rapidly expanding resource.

2013-2014 TASKS:

Task 1. Continue to monitor and collect information on oil sands products and other 'heavy fuels'; how are they being processed and transported as well as their behavior when spilled in water or on land.

Timeline: Sept 2013-Aug 2014

Deliverables: Memos, update and other communications as-available.

Responsibilities:

Coordinating Committee: Share information across Coordinating Committee about new findings in reports, scientific studies and white papers on oil sands products and other heavy oil products.

Executive Coordinator: Support Coordinating Committee tracking information and facilitating round-table discussions. Participate in external information exchange opportunities, when possible.

GOAL 3: Research and Development (R&D); Share information on new and emerging technologies.

The Task Forces' Research and Development (R&D) workgroup consists of agency representatives and stakeholders from industry and other sectors involved in the design and application of new technologies to aid in oil spill response. The workgroup shares information on new and emerging technologies via an annual half-day conference call as well as through on-going information exchange.

2013-2014 TASKS**TASK 1: Organize and host webinar on new and emerging technology.**

Invite 3-4 speakers to participate in a 2-hour webinar on emerging science and technology related to oil spill prevention and response.

Target Date: Winter, 2014

Deliverable: Presentations and overview summary posted on Task Force website following webinar.

TASK 2: OSPR biannual Prevention and Response Technology Workshop

Support and actively participate in California's biannual Prevention and Response Technology Workshop.

Target Date: 2013 and 2015

Deliverables: Summary of technology advances reported to Task Force Members.

Responsibilities:

Coordinating Committee: Decide on webinar topic(s), invite speakers and spread the word to agency staff and other member agency contacts.

Executive Coordinator: Work with WA Dept. of Ecology to schedule and arrange the webinar, coordinate with presenters, and host the webinar. Attend OSPR Technology workshop and brief Task Force and Coordinating Committee on highlights of new research and technology that is reported.

GOAL 4: Track non-petroleum spills across the Task Force Jurisdictions and review existing laws for managing non-petroleum product spills

On September 8, 2013, 233,000 gallons of molasses spilled into Honolulu Harbor causing instant die-off of fish and coral in the vicinity of the spill. This incident brings to the forefront the questions of how jurisdictions respond to and pay for non-petroleum spills and what laws are in place to address such spills. Compiling an inventory of current laws in place across the Task Force jurisdictions will allow states and provinces to address shortcomings in regulatory and financial mechanisms to address non-petroleum spills in the future.

2013-2014 TASKS

Task 1: Compile a summary of the existing laws across Task Force jurisdictions in place to respond to non-petroleum spills.

Summarize all spilled products that are tracked by the Task Force jurisdictions (number and size of spill by product) and laws in place to respond to those spills. This effort will result in a gap analysis of non-petroleum products spilled and regulatory authority in place (or lacking) to respond to those spills.

Target date: Summer, 2014

Deliverables: A report containing: a) summary of spills by product; b) inventory of existing laws across the Task Force jurisdictions for addressing non-petroleum spills.

GOAL 5: Identify policies, communication strategies and state of the science of dispersants

There many questions surrounding the use of dispersants that are of interest to the Task Force jurisdictions: What is the current state of the science on dispersants? How is regulatory authority approved for use of dispersants? What policies are in place to dictate use or non-use of dispersants? How do dispersants affect human and environment health? In an effort to begin answering these questions, the Task Force will compile sources of information on dispersants including (but not limited to) new and emerging science on dispersants from NOAA, EPA, BSEE and other federal agencies. In addition, regulations regarding the use of dispersants across the west coast jurisdictions will be summarized. The Task Force will also review communications strategies utilized in the Deep Water Horizon spill and (OTHER EXAMPLES) and develop case studies for lessons learned from dispersant use during these events.

2013-2014 TASKS

Task 1. Research and summarize the state of the science on dispersants and their effects on the environment and human health.

Summarize current knowledge on the state of the science on dispersants to help distinguish between accurate and misinformation in the scientific and oil spill management literature. Source information will be drawn from peer-reviewed and scientifically valid sources.

Target date: Spring, 2014

Deliverables: Summary report on dispersant science research.

Task 2. Inventory the laws in place across the Task Force jurisdictions to permit the use of dispersants during a spill event.

Create a table of laws, regulations and guidelines for use of dispersants by jurisdiction.

Target date: Summer, 2014

Deliverables: Summary table of dispersant policies and laws across Task Force jurisdictions.

Task 3. Summarize communication strategies that effectively inform stakeholders and the public of dispersants use and their effects on the environment and human health.

Develop several case-studies on communication challenges and lessons-learned from the Deep Water Horizon spill and other incidents (OTHER EXAMPLES) where dispersants have been used during a spill event. ,

Target date: Fall, 2014

Deliverables: Case study reports on 2-3 incidents highlighting lessons learned from communications approaches used to inform public and stakeholders on dispersant use.

COMMUNICATIONS OBJECTIVE

TO CONTINUOUSLY IMPROVE COMMUNICATIONS WITHIN THE TASK FORCE,
WITH KEY STAKEHOLDERS AND THE GENERAL PUBLIC, AND TO MAINTAIN
A HIGH LEVEL OF PUBLIC AND STAKEHOLDER INVOLVEMENT

GOAL I: Communicate with key stakeholders and the general public in Task Force activities

The Task Force is committed to regular and clear communications to stakeholders and the public on the activities, progress and accomplishments of our work. In addition, the Task Force seeks to provide timely and relevant information to our member agencies and industry partners on new guidance on federal and state policies, emerging science and technology, and planning tools and approaches.

2013-2014 TASKS

TASK 1: Plan the 2014 Annual Meeting in Oregon

The Coordinating Committee and EC will develop an agenda for the day-long Annual Meeting, as well as agendas for the Task Force Executive meeting, field trip, Federal Partner and Fall Coordinating Committee meetings (all taking place in association with the Annual Meeting). Solicit speakers to present on the meeting's theme/topics and invite the public and stakeholders to attend.

Target Date: May-September, 2014

Deliverables: Meeting announcements, agendas, registration, meeting venue contract and all other associated Annual Meeting documents and products.

TASK 2: Launch new Task Force website

The new Task Force website will be finalized and ready for posting in the fall of 2013. The new site will provide easier access to information, reports and Task Force programs. The website will incorporate the annual detailed jurisdictional reports formerly provided in the Annual Report. It will also post the twice-weekly web news that and links to member agency's social media tools as well as a calendar of events and announcements.

Target Date: September 30, 2013

Deliverables: Listserv announcement of new website; new website launched

TASK 3. Produce an Annual Report in 2014

The Annual Report will be produced as a printed document containing highlights of the Task Force's 2013 accomplishments and an overview of programs and projects. This will serve as a high-level summary document for distribution to key stakeholders and the public. The jurisdictional updates and other details of the Task Force's activities in 2013 will be updated on a regular basis on the Task Force website.

Target Date: August 30, 2014

Deliverables: Printed Annual Report plus website updates

TASK 4. Produce the 2014-2015 Annual Workplan

The Coordinating Committee will convene via conference call in July 2013 to review tasks and activities in the current work plan and discuss new tasks or additional project steps to include in the 2013-2014 workplan. The draft Annual Workplan will be reviewed by Task Force members and signed for approval at the 2014 Annual Meeting.

Target Date: August 30, 2014

Deliverables: 2014-2015 Annual Workplan

TASK 5. Strategic Planning Process

The Task Force Executive and Coordinating Committee members will meet for a 1-day Strategic Planning Meeting on January 14th to draft the 2014-2017 strategic plan. As part of this strategic planning effort, the Task Force will consider how best to link both the Annual Work Plan and the Annual Report with the Strategic Plan. The EC will facilitate the meeting and a final plan will be prepared by spring 2014.

Target Date: Spring 2014

Deliverables: 2014-2017 Strategic Plan

Responsibilities:

Coordinating Committee: The Coordinating Committee will identify themes, topics and speakers for 2014 Annual Meeting, provide quarterly jurisdictional updates for website, develop preliminary draft Annual Report and Annual Workplan, and participate in the Strategic Planning process. The Coordinating Committee will serve as liaison to Task Force Executives to solicit their input, review and comments on all communications products.

Executive Coordinator: The EC will organize and coordinate all communications activities, with guidance and direction from the Coordinating Committee and Task Force Members.

2013-2014 WORKPLAN TIMELINE

Work Product

Primary Responsibility

AT/BY FALL COORDINATING COMMITTEE 2013 (Sept)

Collect January – June 2013 data
 Host Fall POSPET Meeting
 Support Pacific Harbor Safety Committee Summit

C. Conway, Data Workgroup & EC
 EC & Oregon DEQ
 EC & OSPR

AT/BY WINTER COORDINATING COMMITTEE 2014 (Jan)

Produce Mid-Term report to Task Force Members
 Conduct R&D Workgroup Conference Call
 Collect July – December 2012 data
 Strategic Planning exercise; draft strategic plan
 Host Annual R&D Workgroup meeting
 Oil movement map in Pacific Northwest

EC
 EC & Ellen Faurot-Daniels
 C. Conway, Data Workgroup, & EC
 EC, CC and TF
 EC
 EC and CC

AT/BY SPRING COORDINATING COMMITTEE 2014 (March)

Host Spring POSPET meeting
 Finalize Strategic Plan
 Task Force technology webinar
 Produce 2013 Data report
 Develop draft content for 2014 Annual Report
 Plan 2014 Annual Meeting, OR host
 Task Force Volunteer Management and Planning Guidelines

EC
 EC & CC
 EC, R&D workgroup, CC
 C. Conway, Data Workgroup & EC
 EC & C
 EC and CC
 EC and CC

AT/BY SUMMER COORDINATING COMMITTEE 2014 (June)

Host Investigator Training Course, if needed
 Organize Annual Meeting in OR
 Develop content for Annual Report
 Draft outline of 2014-2015 Annual Workplan
 WCOVTRM Review

Ecology or OSPR
 EC and CC
 EC and CC
 EC and CC
 EC, WCOVTRM Workgroup and CC

SCHEDULE OF TASK FORCE MEETINGS, 2013-2014

	Coordinating Committee Quarterly Meetings	Annual Meeting	Clean Pacific Conference
September 2013	Seattle – 9/27	Seattle – 9/24-9/25	
January 2014	San Diego, CA – 1/14-16 Strategic Planning Meeting plus CC meeting		
March 2014	British		
June 2014	Alaska		
September 2014	Oregon	Oregon - September	
January, 2015	Hawaii		
March 2015	Washington		
June 2015	California		
September, 2015	British Columbia		British Columbia
September 2016	Hawaii	Hawaii	

TASK FORCE MEMBER AGENCY POINTS OF CONTACT

Spill Prevention Projects

PROJECT	ALASKA	BC	WASHINGTON	OREGON	CALIFORNIA	HAWAII
Database	Neil Huddleston 907-269-7542 Neil.Huddleston@alaska.gov	Doug Carter 250- 387-2049 Doug.Carter@gov.bc.ca	Jack Barfield 360-407-7483 jacb461@ecy.wa.gov	Mike Zollitsch 503-229-6931 ZOLLITSCH.Michael.J@deq.state.or.us	Cathy Conway Cathy.Conway@wildlife.ca.gov 916-341-6957 Damon Williams 916-322-1908 Damon.Williams@wildlife.ca.gov	Marsha Graf 808-586-4249 marsha.mealey@doh.hawaii.gov
WCOVTRM 2008 Recommendations	Sharry Miller 907-835-1471 Sharry.Miller@alaska.gov	D'Arcy Sego 250-387-6789 D'Arcy.Sego@gov.bc.ca	Jon Neel 360-407-6905 Jnee461@ecy.wa.gov	Mike Zollitsch 503-229-6931 ZOLLITSCH.Michael.J@deq.state.or.us	Ted Mar 916-323-6281 Ted.Mar@wildlife.ca.gov	Curtis Martin 808-586-4249 clarence.martin@doh.hawaii.gov
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Sunken & Derelict Vessel Spill Risks	Sarah Moore 907-465-5239 Sarah.Moore@alaska.gov	Graham Knox 250-356-8383 Graham.Knox@gov.bc.ca	Dave Byers 360-407-6974 dbye461@ecy.wa.gov	Scott Smith 503-229-5370 Smith.scott@deq.state.or.us	Ted Mar 916-323-6281 Ted.Mar@wildlife.ca.gov	Curtis Martin 808-586-4249 clarence.martin@doh.hawaii.gov
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