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### STATEMENT OF AUTHORITY Signed 12/20/17

This document represents a consensus of the Pacific States/British Columbia Oil Spill Task Force Members in support of activities identified for the upcoming 18 months, from January 1, 2018 through June 30, 2019. This annual work plan is pursuant to the Pacific States/British Columbia Oil Spill Memoranda of Cooperation of 1989 and 2001 and the 2014-2019 Strategic Plan, and is endorsed by the members:

Larry Hartig, Commissioner Alaska Department of Environmental Conservation

Mark Zacharias, Deputy Minister British Columbia Ministry of Environment

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

Fawaoka

Keith Kawaoka, Deputy Director for Environmental Health Hawaii Department of Health

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## **Table of Contents**

STATEMENT OF AUTHORITY	iii
INTRODUCTION	
SPILL PREVENTION OBJECTIVE	
SPILL PREPAREDNESS OBJECTIVE	
SPILL RESPONSE OBJECTIVE	11
SPILL RECOVERY OBJECTIVE	13
COMMUNICATIONS OBJECTIVE	14
TASK FORCE MEMBER AGENCY POINTS OF CONTACT	19

## **INTRODUCTION**

Welcome to the 2018-2019 Annual Work Plan presented by the Pacific States/British Columbia Oil Spill Task Force (Task Force). This plan contains the oil spill prevention, preparedness, response, restoration and communication activities that the Task Force intends to carry out from January 1, 2018 through June 30, 2019. This plan includes the key tasks, specific actions, deliverables and estimated target dates for accomplishing the work. In the course of the 18 months, we may add additional tasks and actions as issues arise, or scale back tasks as time and budget dictate. Therefore, this work plan is not a static document, but rather a roadmap for the year's work ahead with flexibility to address new and emerging issues as they arise.

The 2018-2019 Annual Work Plan is 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 (EC) Team, Sarah Brace and Hilary Wilkinson. The project work contained within this work plan is executed via the Task Force's biennial budget, however additional resources will be necessary to coordinate distinct pieces of this work plan (as noted in the plan) that exceed the EC's staffing budget and capacity.

In 2018-2019, our new efforts in *prevention* will include exploring the scope and scale of the abandoned and derelict vessels on the West Coast. We will characterize the problem and also develop messaging and other prevention strategies to help reduce the number of these potential pollution sources and threats to navigation from occurring across our waterways.

A new project in *preparedness* will examine the requirements for oil spill drills and exercises for plan holders across the jurisdictions, and identify where requirements and evaluations vary by state/province. Our goal is to develop common, cross-jurisdictional requirements, and begin sharing information on the outcome of drills and exercises among the member jurisdictions.

We will continue our work in *response* planning focused on the transboundary CANUSDIX and CANUSPAC areas by following up on recommendations of the Five-Year Review of the 2011 Transboundary Oil Spill Response Capability Report. Much of this work will involve engaging stakeholders on implementing recommended actions, and tracking progress on those efforts in place.

This is just a sample of our projects for 2018-2019. Read through our entire work plan to find out more about our projects and activities.

We report on our work plan activities by regularly posting project progress reports and meeting notes on the Task Force website. We also present updates at our Annual Meetings, Clean Pacific Conferences, and other forums. Our Annual Reports capture project milestones and accomplishments on work plan tasks. For additional information on the Task Force and our programs, please visit our website: <u>www.oilspilltaskforce.org</u>

## **Task Force Members**

#### **Executive Members**

Thomas M. Cullen Jr., CA Department of Fish and Wildlife, Office of Spill Prevention and Response Larry Hartig, AK Department of Environmental Conservation Keith Kawaoka, HI Department of Health Dale Jensen, WA Department of Ecology, Spills Program Richard Whitman, OR Department of Environmental Quality Mark Zacharias, B.C. Ministry of Environment and Climate Change Strategy

#### **Coordinating Committee Members**

Pader Brach, B.C. Ministry of Environment and Climate Change Strategy Elizabeth Galvez, HI Department of Health Linda Pilkey-Jarvis, WA Department of Ecology, Spills Program Kristin Ryan, AK Department of Environmental Conservation Ryan Todd, CA Department of Fish and Wildlife, Office of Spill Prevention and Response Mike Zollitsch, OR Department of Environmental Quality

## SPILL PREVENTION OBJECTIVE

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

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

The Task Force is tracking the changes in how oil is being moved across 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, the methods of shipment, response and preparedness gaps such as along railways.

The Task Force will continue to gather information on oil transport via rail, pipeline, tanker ship, and barge that will help each jurisdiction address the changing landscape to ensure prevention, preparedness, and response measures are adequate.

The Task Force will also seek opportunities to provide comments and input into future state and federal rulemaking processes aimed at improving rail oil spill response planning.

#### 2018-2019 ACTIONS

## Action 1. Collect and summarize data on types and volumes of crude transported by rail, pipeline and vessel in 2017 and 2018

Target date: March 2018 and March 2019

**Deliverable:** Update Task Force database and graphics on status and trends of crude movement across jurisdictions. Include in information in the 2018 and 2019 Annual Reports and on Task Force website.

Action 2. Maintain and update web pages, crude transport map and other Task Force products addressing crude transport. Continue to coordinate and share jurisdictions' efforts in oil spill prevention planning. Update Task Force crude transport map, web pages with policy information, and other resources as they become available.

Target date: January 2018-June 2019

**Deliverable:** Update crude transport information on Task Force website pages with relevant information from each jurisdiction. Maintain current products and update as needed.

#### Task 1. Responsibilities:

<u>Coordinating Committee Members</u>: Work with appropriate state agencies to procure 2017 volume data of crude oil transported via rail, pipeline, barge and tanker ship. Provide updates to tracking and reporting tools as needed. Provide reports, studies, policy initiatives, and other documents and materials for sharing on Task Force website.

<u>Executive Coordinator</u>: Maintaining database of volumes of transported crude oil; regularly update oil transport web pages with relevant information and tools.

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

The Task Force's regional oil spills database, 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 one barrel or larger. We also track the number of small spills (less than a barrel), where this information is available. 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 Tasks Force's data dictionary, which was created in 2007 and revised in 2014. At present, British Columbia does not collect and track oil spill data.

In 2016, the Task Force shared its oil spill database with NOAA, to incorporate into the Environmental Response Management Application (ERMA). The Task Force's oil spill data is now available on ERMA and we will provide NOAA with our spill data for this purpose on an on-going basis.

#### 2018-2019 ACTIONS:

Action 1. Collect the 2017 and 2018 oil spills data for AK, CA, HI, OR and WA using data dictionary template Target date: February 2018 and February 2019 Deliverable: Oil spill data from each jurisdiction listed above.

## Action 2. Coordinate with contractor (Camille Stephens) to summarize and analyze 2017 and 2018 oil spills data

Summary report will be posted in the Task Force website and data will be made available to NOAA for incorporating into ERMA.

Target date: April 2018 and 2019

**Deliverable**: Report containing complete 2017 and 2018 oil spills data and summary graphics for inclusion in 2018 and 2019 Annual Reports.

#### Task 2 Responsibilities:

<u>Coordinating Committee</u>: A Coordinating Committee member or designated agency staff member will serve on Database Workgroup and compile oil spill data on an annual basis. He/she will participate on conference calls to discuss data template and other database issues as-needed.

<u>Executive Coordinator</u>: Work with contractor to obtain Task Force jurisdiction's oil spills data and develop graphics and figures for reporting on the Task Force website. Also collaborate with NOAA to share Task Force data for ERMA.

#### TASK 3: Support the Pacific Oil Spill Prevention Education Team's prevention education campaign

Since 2003, the Pacific Oil Spill Prevention Education Team (POSPET) has been successfully targeting outreach at marinas and harbors, where small spills from recreational vessels are a main concern. The Clean Harbor and Clean Marina programs continue to certify new facilities, pointing to POSPET member's success at targeted outreach and education.

In 2016, POSPET members created their first <u>Biennial Work Plan</u>, which included priority activities such as developing more coordinated marina manager training across the POSPET jurisdictions and improving resource sharing among POSPET workgroup members. In 2018-2019, POSPET members will continue to implement actions identified in their 2016-18 work plan, including establishing digital information sharing platforms to enhance member communication and collaboration; updating OILS 911 outreach materials, and expanding the Clean Marina/Clean Harbor programs across the jurisdictions. Additionally, POSPET will work to fill holes in its workgroup membership, including from Oregon and Alaska.

#### 2018-2019 ACTIONS:

#### Action 1: Conduct quarterly meetings via conference call of the POSPET workgroup

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**: Winter, spring, summer and fall, 2018; winter and spring 2019

**Deliverables**: Meeting summaries containing updates on outreach efforts, recommendations for expanded outreach approaches, and updated data on the year's Clean Marina/Clean Harbor certification program.

# Action 2. Update POSPET pages on Task Force website and provide accomplishments summary in the 2018 and 2019 Annual Reports

Continue to expand the POSPET page on the Task Force website to include member profiles, 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: January 2018 – June 2019

**Deliverables**: Updated POSPET page on the Task Force website and POSPET section of 2018 and 2019 Annual Reports.

#### Action 3. Create a 2019-2020 Biennial Work Plan

This plan will identify tasks and actions for the POSPET work group to carry out in 2019 and 2020, and partners identified for work plan task implementation. The plan will also include a strategy for additional funding, as needed. [*NOTE*: This Action would require additional funding] **Target date:** Fall 2018 **Deliverables:** POSPET 2019-2020 Biennial Work Plan.

Deliverables: POSPET 2019-2020 Bieliniai Work

#### **TASK 3 Responsibilities:**

<u>Coordinating Committee</u>: A Coordinating Committee Member or designated staff will serve on the POSPET Workgroup and participate in developing and implementing outreach activities and programs.

<u>Executive Coordinator</u>: Facilitate quarterly meetings, maintain OILS-911 call log, distribute outreach materials, maintain POSPET web page and coordinate POSPET's work plan tasks and activities.

#### **TASK 4: Transboundary Marine Safety and Spill Prevention Forum**

In 2016, the WA Dept. of Ecology hosted an oil spill risk mitigation workshop with invited stakeholders from both B.C. and Washington. The workshop participants identified nine recommendations for reducing the risks of oils spills in the Salish Sea -- the shared waters of WA and B.C. One of the top recommendations was to create a transboundary Harbor Safety Committee-like forum (Forum) that would address marine safety and spill prevention in the transboundary region. The Task Force was identified as the lead entity to facilitate discussions between WA and B.C. on scoping and creating this Forum. The outcome of this effort could result in a model entity that could be replicated in the MEXUSPAC or CANUSDIX transboundary regions.

In the spring of 2017, WA Ecology provided additional \$15K of funding to the Task Force budget to fund research into possible Forum structures, as well an assessment of current spill prevention laws and regulations in place in B.C. and WA. The next phase of planning includes developing a straw dog model for this Forum and convening an initial meeting of the Forum in early 2018.

[NOTE: This Task would require additional funding to carry out Actions 1 & 2]

#### 2018-2019 ACTIONS:

# Action 1: Prepare for, plan and facilitate ongoing discussions between WA and B.C. on creating a Transboundary marine safety and oil spill prevention forum

Target date: Spring 2018

**Deliverables**: Proposed 'Straw Dog" Forum Structure; stakeholder membership list; agendas and summary notes from planning meeting(s).

#### Action 2: Coordinate initial meeting of the Transboundary Forum

Goals and Objectives of Forum; membership; meeting frequency; funding support; and coordination.
Topics for discussion may include:

- Reciprocal Port Prevention Agreement and opportunities to move this forward.
- Gaps in vessel traffic management in the shared waters.
- Vessel traffic and prevention measures.

#### Target date: Summer/Fall 2018

Deliverables: Agenda, Invitation to Attend, and Meeting Summary for initial Forum meeting in 2018.

#### **TASK 4 Responsibilities:**

<u>Coordinating Committee</u>: Provide input on: Forum structure and framework; Forum function; membership; key stakeholders; and other aspects of the forum.

<u>Executive Coordinator</u>: Coordinate and facilitate planning session(s) with B.C. and WA; organize and facilitate initial Forum meeting in summer/fall; provide updates to Coordinating Committee and Task Force Executives on the progress towards creating the transboundary Forum.

#### **TASK 5: Derelict Vessel Prevention**

Across the Task Force jurisdictions, abandoned and derelict vessels pose a serious ongoing pollution and navigation threat. The cost to clean up these vessels can run into the millions of dollars. For example, in 2015, the *Deep Sea* fishing vessel caught fire and sank in Penn Cove WA, closing the local shell fish industry for months and costing the state approximately \$2.3 million to remove. The *Davey Crockett*, a derelict barge on the Columbia River, sank in 2011, costing \$20 million in state and federal funds to clean up. Such cleanups are expensive and state/provincial funding is limited for removing these vessels.

In an effort to document the scope and scale of this issue on the West Coast, the Task Force will convene a workgroup to explore and document state of the problem across the Task Force jurisdictions. The workgroup activities and products *may* include:

- A matrix of programs across the Task Force jurisdiction including effectiveness of programs; funding spent on prevention vs. response, etc.
- A white paper to frame this issue. Topics may include: Where are the challenges? What level of coordination across federal partners is needed? Possible funding structures/options?
- A letter submitted to Canadian and US federal leadership (Cantwell, others) regarding issue of military vessels and states' challenges with derelict vessels once USCG has removed product from on board.
- Development of elements of an outreach strategy such as "Don't buy a boat for a buck".
- A workshop with USCG, EPA, ACE and other federal partners, along with transporters, HSCs and others, to develop strategies and recommendations for moving forward on derelict vessel prevention and removal.
- A conference call with other states to discuss challenges and what they are doing to address derelict vessels policy, funding, etc.

#### 2018-2019 ACTIONS:

#### Action 1: Convene derelict vessel workgroup

Workgroup will consist of agency points of contact and Coordinating Committee members, and will be coordinated and facilitated by the Executive Coordinator. During the initial meeting of the workgroup, the activities and deliverables will be scoped and planned. The workgroup will determine the frequency of meetings/conference calls during initial meeting.

Target date: Winter, 2018

**Deliverables:** Workgroup meeting agenda(s) and summary(s).

#### Action 2: Develop a work plan for workgroup activities in 2018

The workgroup will create a work plan for tasks expected to be completed in 2018-2019. [*NOTE*: This Action could require additional funding depending on the scope of work and implementation strategy]

Target date: Winter/Spring 2018 Deliverables: Work plan with activities and deliverables to be accomplished in 2018.

#### TASK 5 Responsibilities:

<u>Coordinating Committee</u>: Provide support to the derelict vessel workgroup (via agency point of contact or designated Coordinating Committee member from jurisdiction); provide input on the work plan; and deliver information requested by workgroup (e.g. for matrix and white paper).

<u>Executive Coordinator</u>: Arrange, coordinate and facilitate workgroup meetings; assign workgroup member tasks, where appropriate; coordinate development of work plan; review and finalize products; share updates via monthly progress with Task Force Executive and Coordinating Committee.

## SPILL PREPAREDNESS OBJECTIVE

### TO IMPROVE OIL SPILL PREPAREDNESS AND RESPONSE CAPABILITIES THROUGHOUT OUR REGION

#### Task 1. Transboundary Planning and Response Capabilities for Marine Oil Spills Project – Phase II

In 2008, the Task Force initiated a review of preparedness and response capability within two Transboundary areas of concern with the Task Force region: the Alaska/British Columbia border (referred to as CANUSDIX) and the British Columbia/Washington boarder (referred to as CANUSPAC). The goal of this project was as follows: *"To review and document existing U.S./Canadian Transboundary oil spill response plans and capabilities for the British Columbia/Alaska and British Columbia/Washington borders, acknowledging existing authorities and response management systems; and to recommend improvements as needed for both joint response and planning efforts, as well as for planning and capacity building within each jurisdiction."* 

A workgroup and several subcommittees consisting of 88 stakeholders were formed and they compiled a series of topic papers that addressed the capacity of the Transboundary regions regarding command topics, planning topics, operations, logistics and finance. The topic papers along with recommendations and reference documents were released in a final report entitled "The Stakeholder Workgroup Review of Planning and Response Capabilities for a Marine Oil Spill on the U.S./Canadian Transboundary Areas of the Pacific Coast Project Report" on April 2011. (This report can be found on the Task Force website <u>www.oilspilltaskforce.org</u> on the documents page.)

In 2016, the Task Force initiated a five-year review of the transboundary report, including an assessment of the implementation status of each of the report's 140 recommendations. This review was completed in October 2017 and the Five-Year Review Report is available <u>here</u>.

Of the original recommendations, nearly one half were completed, about one third in progress, and the remaining have not been initiated. For this phase of the transboundary project, the Task Force will explore obstacles to implementing the uninitiated recommendations; conduct follow up outreach with implementing entities; develop an outreach strategy for broadly sharing both the original report and five-year review; and maintain a database with the status of all recommendations that emerged from both the original report, and the Five-Year Review Report.

#### 2018-2019 ACTIONS:

Action 1: Five-Year Review Report discussed by Task Force Executives and Coordinating Committee Between January and June 2018 (date of the next Executive Session), the Task Force Executives and Coordinating Committee members will fully digest the findings in the Five-year Review Report, and discuss optimal next steps for recommendations that have not yet been implemented during the Executive Session in June.

Target date: July 2018

Deliverable: Summary of discussion from the June 2018 Executive Session.

#### Action 2: Develop outreach plan for communicating to stakeholders about the 2011 report and the Five-Year Review Report

Develop a presentation and other communications tools for sharing out to stakeholders and interested public key findings and recommendations from the transboundary reports. Target date: Winter/Spring 2018 **Deliverable**: Outreach plan consisting of presentation(s), listserv announcements, website updates, and other outreach tools. Present at Clean Pacific, Annual Meeting, API SAG, and other forums.

#### Action 3: Post-report follow-up with implementing entities

Coordinate high-level discussions with entities identified in original report and Five-Year Review Report to address approaches for further implementation of recommendations.

[*NOTE*: This Action would require additional funding for organizing meetings, workshops or other forums] Target date: January-December 2018

Deliverable: Summary of follow up discussions and proposed implementation steps

#### Action 4: Maintain and update a database of all recommendations

Target date: January 2018-June 2019

**Deliverable**: Database containing the status of all recommendations put forth in the 2011 report and the Five-Year Review Report. To be updated annually.

#### Task 1 Responsibilities:

<u>Task Force Executives:</u> Review the Five-year Review report and prepare to discuss next steps at our next Executive Meeting in June 2018.

**Coordinating Committee:** Review the Five -year Review report and prepare to discuss next steps at our next Executive Meeting in June 2018.

**Executive Coordinator:** Coordinate and facilitate discussion at Task Force Executive meeting in June; create and implement outreach strategy (with support from Coordinating Committee and Executives); coordinate follow up with implementing entities; and track recommendations in database.

#### Task 2. Develop Task Force drills and exercises objectives and requirement

The Task Force jurisdictions conduct drills and exercises to evaluate industry spill response plans and ensure they are adequate and effective. Requirements for drills and exercises vary by jurisdiction, and this poses challenges when one plan holder is being evaluated in several states. Some plan holders are granted credit for exercises held in a different jurisdiction, but it's not entirely clear if the objectives and requirements are the same in both places. Also, Task Force jurisdictions are not necessarily aware of each other's evaluation outcomes. Sharing the results of evaluations could be helpful across the jurisdictions to better understand the preparedness shortfalls and challenges that drills and exercises reveal.

To address the variability in drill objectives and requirements, the Task Force will convene a workgroup to compare evaluation criteria across the Task Force jurisdictions; develop common, cross-jurisdictional requirements; and begin sharing information on the outcome of drills and exercises through regular workgroup conference calls.

#### 2018-2019 ACTIONS:

# Action 1: Convene the drills and exercises workgroup (agency points of contact) to develop a matrix of current drill evaluations by jurisdiction

Compile evaluation requirements; criteria for credits applied across jurisdictions (where applicable); and drill objectives.

#### Target date: Spring 2018

Deliverable: Matrix of current drill objectives, requirements and evaluation criteria by jurisdiction.

# Action 2: Convene workgroup conference call to discuss matrix and develop goals for cross-jurisdictional objectives and requirements for drills

Workgroup will determine number and duration of call(s) to develop a list of common objectives and drill requirements. Workgroup will also survey the success of self-certification across the jurisdictions. **Target date:** Jan-Dec 2018

Deliverable: A set of cross-jurisdictional drill objectives and requirements.

### Action 3: Convene twice-yearly workgroup conference calls to discuss outcomes of drills and exercises

These workgroup calls are designed to provide a forum for a regular check in and an opportunity to exchange lessons learned and challenges, and to offer recommendations to the group on future drills and exercises.

Target date: January 2018-June 2019

**Deliverable:** Conference call summaries with key take-aways, lessons learned and other information shared during the calls.

#### Task 2 Responsibilities:

<u>Coordinating Committee</u>: Participate on workgroup (or designate agency representative) and provide information on current and Task Force requirements; participate in workgroup conference calls.

**Executive Coordinator:** Coordinate and facilitate workgroup conference calls; support workgroup in drafting cross-jurisdictional exercise requirements.

## SPILL RESPONSE OBJECTIVE

### TO STRENGTHEN OIL SPILL RESPONSE CAPABILITIES THROUGHOUT OUR REGION

#### TASK 1: Research and Development; share information on new and emerging technologies

The Task Force's 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. The Task Force R&D conference call is one of several technology transfer opportunities taking place on the West Coast. Other events include WA Department of Ecology's annual workshop on Best Available Technology, CA OSPR's biannual technology and science symposium (held in partnership with Chevron), and the Clean Pacific conferences held every year (with exception of IOSC years).

#### 2018-2019 ACTIONS

#### Action 1: Organize and facilitate annual conference call with R&D workgroup

Develop agenda and facilitate discussion on latest research and technology with workgroup members representing NOAA, USCG, state agencies, Environment Canada, BSEE and others.

Target Date: Winter 2018 and winter 2019

**Deliverable**: Conference call summary shared with workgroup and Task Force members and posted on Task Force website

#### Task 2 Responsibilities:

<u>Coordinating Committee</u>: Support agency staff involvement in R&D workgroup. <u>Executive Coordinator</u>: Coordinate logistics for annual conference calls. Provide meeting summary to Task Force and Coordinating Committee on highlights of new research and technology shared during the calls.

# TASK 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 2013, the Task Force co-hosted, with the WA Dept. of Ecology, a two-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 sands 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. The Task Force will continue to track the state of the science on heavy oils (also known as Class V oils or non-floating oils), including work carried out by the National Academy of Sciences, and on lessons learned from recent heavy oil spills.

#### 2018-2019 ACTIONS:

#### Action 1. Continue to monitor and collect information on non-floating oils

Share information on how these products are being processed, characteristics of the materials, specification for transport and their behavior when spilled in water or on land.

Timeline: January 2018-June 2019

**Deliverables**: Memos, update and other communications as available. Links to websites from agency research organizations and other sources.

#### Task 1 Responsibilities:

<u>Coordinating Committee</u>: Share information across Coordinating Committee about new findings in reports, scientific studies and white papers on oil sands products and other non-floating oil products. <u>Executive Coordinator</u>: Track information from NOAA, EPA, National Academy of Sciences, and other agencies and research institutions conducting studies on non-floating oils.

### **SPILL RECOVERY AND RESTORATION OBJECTIVE** TO ENSURE ENVIRONMENTAL, ECONOMIC AND SOCIAL RECOVERY FROM AN OIL SPILL.

No Tasks at Present

## **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

#### TASK I: Communicate with key stakeholders and the general public on Task Force activities

The Task Force is committed to regular and clear communications to stakeholders and the pubic 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. The 2018 Annual Work Plan spans January 2018-June 2019. Future workplans will be created to match the Task Force Biennial Budgets which mirror agency annual budget cycles of July 1-June 31. Workplan progress and products will be shared at Annual Meetings, Clean Pacific, the International Oil Spill Conference and other meetings and events, as well as through our Annual Reports and website updates.

This year, the Task Force will continue its efforts to streamline reporting on jurisdictional news and updates. This will include synchronizing our news and updates with current member agency communications already taking place, and exploring new options to share our news more effectively using social media and other communication tools.

#### 2018-2019 ACTIONS

#### Action 1: Organize and host 2018 and 2019 Annual Meeting

The Task Force will hold its 2018 Annual Meeting on June 19, in Portland OR, in conjunction with Clean Pacific 2018. The half-day Annual Meeting will be accompanied by the following Task Force meetings: Task Force Executives Meeting; Task Force Federal Partners Meeting; and Coordinating Committee Meeting. Date and location of 2019 Annual Meeting TBD.

Target Date: Week of June 17-21, 2018; date for 2019 Annual Meeting TBD

**Deliverables:** Annual Meeting program, jurisdictional updates, Executive Coordinator update, and side meeting agendas and summaries.

#### Action 2. Produce an Annual Report in 2018 and 2019

The 2018 Annual Report will be produced for distribution at Clean Pacific and the Annual Meeting in May 2018. This will report will resemble the 2017 Annual Report in size, scale and content, and will focus on Task Force projects and accomplishments. A printed color report and on-line version will be produced. **Target Date:** May 31, 2018 and May 31, 2019

Deliverables: Printed and PDF version of 2018 Annual Report

#### Action 3. Report electronically jurisdiction's news and updates

EC will continue to work with the communications managers of Task Force jurisdictions to more efficiently share updates and news from across the member agencies. This will replace the time and labor-intensive efforts required of agency staff in the past to provide semi-annual jurisdictional updates.

Target Date: January 2018 - June 2019

Deliverables: On-line updates

#### Action 4. Produce the 2019-2021 Biennial Work Plan

The Coordinating Committee will convene via conference call in early September 2019, to review tasks and actions in the current work plan and discuss new tasks to include in the 2019-2021 Biennial Work Plan. The draft work plan will be reviewed by Task Force members and signed for approval by June 31, 2019. Target Date: June 31, 2019 Deliverables: 2019-2021 Annual Work Plan

#### Action 5: Expand website and include social media tools

The Task Force website will be modernized to include a Facebook page for posting announcements and to link with Task Force member agency Facebook pages. The site will also expand coverage of crude transport issue through additional pages devoted to reporting and tracking Task Force jurisdictions' regulatory and planning, as well as national policy on crude transport safety via rail, pipeline, vessels and barges. Progress reports and other details of the Task Force's activities in 2018 will also be updated on the Task Force website (www.oilspilltaskforce.org), on an on-going basis as products are completed or milestones are reached.

Target Date: January 2018 – June 2019 Deliverables: Listserv announcement of new web pages, project updates, Facebook page and other news.

#### Action 6: Task Force Legacy Awards in 2019

Scope out the plan for next round of Legacy Awards, possibly at the Clean Pacific taking place in 2019. (The last Legacy Awards were presented in 2015, at Clean Pacific in Vancouver.) Initiate the process of soliciting nominations in late 2018.

Target Date: Fall 2018

Deliverables: Detailed approach for soliciting, selecting and presenting the next round of Legacy Awards

#### **TASK 1 Responsibilities:**

<u>Coordinating Committee</u>: The Coordinating Committee will identify themes, topics, and speakers for 2018 and 2019 Annual Meeting; coordinate PIOs and Communications Managers to share jurisdictional news and updates; contribute to the 2018 Annual Report; and participate in developing the 2019 Annual Work Plan; and participate in the selection of the 2019 Legacy Award winners. The Coordinating Committee members will serve as liaisons to Task Force Executives to solicit their input, review and comments on all communications products. Hosting agency will provide additional planning and staff support.

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

#### **EXECUTIVE COORDINATOR (EC) ADMINISTRATION ACTIVITIES**

- Schedule, coordinate, and facilitate all Committee and Task Force meetings and conference calls.
- Provide follow-up summaries and memos on Task Force meetings and conference calls as well as conferences, workshops and meetings attended by EC.
- Explore options for expanding resources for Task Force projects and activities, such as establishing the Task Force as a 501c3 non-profit entity; partnering with foundations and other organizations and other funding options.
- Conduct on-going outreach via website updates, listserv announcements, and other regular communications.
- Compile weekly or twice-weekly (time permitting) oil spill news clippings and share with subscribers to the Clippings Listserv.
- Provide monthly EC progress reports to Coordinating Committee.
- Submit mid-year EC progress reports to Task Force Members and Coordinating Committee.
- Track 2018-2019 budget expenses; compile and submit monthly invoices.
- Respond to email and calls from stakeholders and other interested parties.
- Maintain Task Force website with news, events and other information.
- Arrangements for Task Force-related travel.

#### **ADDITIONAL ON-GOING TASK FORCE AND EC TASKS**

Maintain & Improve Database Encourage HSC adoption of Vessel BIPs as SOCs Implement, promote & monitor 2011+2017 Transboundary recommendations Share information on transiting vessels Support Harbor Safety Committees Promote BIPs for vessels & tank barges Maintain & monitor 1-800-0ILS-911 Monitor and share information on Topics of Concern Maintain partnerships with U.S. & CAN federal agencies Maintain Task Force contract and Interagency Agreements Track Federal rulemaking; comment as needed Track changes to ICS Monitor Mutual Aid Issues Maintain contacts with coastal states & provinces Data Workgroup & EC EC & Coordinating Committee EC & Coordinating Committee EC & Coordinating Committee EC & member agencies EC & member agencies

EC

- EC, CC, and all agencies
- EC & Coordinating Committee
- WA Ecology & member agencies
- EC & member agencies
- EC & ICS Workgroup
- EC & Coordinating Committee
- EC

## SCHEDULE OF TASK FORCE MEETINGS, 2018-2019

2018	Coordinating Committee	Annual Meeting	Other
2018	Meetings		
January 18 & 19	California – Two-day		
	in-person meeting		
February – May	Monthly conference call:		
	2 <sup>nd</sup> Thursday of the		
	month		
June 18-21	Portland OR	Portland OR	Clean Pacific in
	Half-day meeting during	June 19	Portland OR
	Annual Meeting week	8:00-12:00	June 20-21
July - August	Monthly conference call: 2 <sup>nd</sup> Thursday of the		
	month		
	month		
September	British Columbia –		Prevention First
	Two-day in person		Long Beach CA
	meeting (dates TBD)		Sept. 24-26
November and December	Monthly conference call:		
	2 <sup>nd</sup> Thursday of the		
	month		
2019			
January 18-19	In-person meeting		
	Long Beach, CA		
February – May	Monthly conference call: 2 <sup>nd</sup> Thursday of the		
	2 Thursday of the month		
	month		
June	In-person meeting	Annual Meeting	Clean Pacific
	Location TBD	Location and	Location and dates
		dates TBD	TBD
July - August	Monthly conference call:		
	2 <sup>nd</sup> Thursday of the		
	month		
September	In-person meeting		
	Location TBD		
November and December	Monthly conference call:		
	2 <sup>nd</sup> Thursday of the		
	month		

#### **OTHER NOTABLE MEETINGS / WORKGROUPS / CONFERENCES**

- American Petroleum Institute Spills Advisory Group meetings (semi-annual, in D.C.)
- American Waterway Operators (AWO) Quality Steering Committee (semi-annual, West Coast)
- Prevention First (every two years, next event in 2018)
- West Coast Joint Assessment Team (semi-annual, West Coast)
- Task Force/US Coast Guard and Federal Partners Meeting (in conjunction with Annual Meeting)
- Chevron/OSPR R&D Symposium (biannually held in CA; next event in 2019)
- WA Ecology Best Achievable Protection Conference (annual)

## PACIFIC STATES/BRITISH COLUMBIA OIL SPILL TASK FORCE MEMBER AGENCY POINTS OF CONTACT – 2018

## Spill Prevention

TASK	ALASKA	BRITISH COLUMBIA	CALIFORNIA	HAWAII	OREGON	WASHINGTON
West Coast Oil	Graham Wood	Yannick Lapierre	Steve Hampton	Liz Galvez	Mike Zollitsch	Scott Ferguson
Transport	907-269-7680	250-387-9557	916-323-4724	808-586-4249	503-229-6931	360-407-7465
	Graham.Wood@alaska.	Yannick.lapierre@gov.bc.ca	Steve.hampton@wildlife.ca.g	elizabeth.galvez@do	ZOLLITSCH.Michael.	<pre>scfe461@ecy.wa.g</pre>
	gov		<u>ov</u>	<u>h.hawaii.gov</u>	J@ deq.state.or.us	<u>ov</u>
			Ted Mar			
			916-323-6281			
			Ted.Mar@wildlife.ca.gov			
Database	Rebecca Spiegel	Yannick Lapierre	Cathy Conway	Liz Galvez	Kimberlee	Jack Barfield
	907-269-7543	250-387-9557	916-341-6957	808-586-4249	VanPatten	360-407-7483
	Rebecca.spiegel@alask	Yannick.lapierre@gov.bc.ca	Cathy.Conway@wildlife.ca.go	elizabeth.galvez@do	503-229-5256	jacb461@ecy.wa.g
	a.gov		<u>v</u>	<u>h.hawaii.gov</u>	VAN-	<u>ov</u>
					PATTEN.Kimberlee	
			Damon Williams	Elaine Lake	@deq.state.or.us	
			916-322-1908	808-586-4350		
			Damon.Williams@wildlife.ca.g	Elaine.lake@doh.haw		
			<u>ov</u>	aii.gov		
Best Industry	Kristin Ryan	Pader Brach	Ted Mar	Liz Galvez	Mike Zollitsch	Scott Ferguson
Practices	907-269-7604	250-953-3855	916-323-6281	808-586-4249	503-229-6931	360-407-7465
	Kristin.Ryan@alaska.go	Pader.Brach@gov.bc.ca	Ted.Mar@wildlife.ca.gov	<u>elizabeth.galvez@do</u>	ZOLLITSCH.Michael.	<pre>scfe461@ecy.wa.g</pre>
	<u>v</u>			<u>h.hawaii.gov</u>	J@ deq.state.or.us	<u>ov</u>
POSPET	Sarah Moore	Yannick Lapierre	Steve Gonzalez	Liz Galvez	Not assigned	Sandy Howard
	907-465-5239	250-387-9557	916-322-1683	808-586-4249		360-407-6990
	Sarah.moore@alaska.g	Yannick.lapierre@gov.bc.ca	Steve.Gonzalez@wildlife.ca.g	elizabeth.galvez@do		<pre>srud461@ecy.wa.g</pre>
	ov		<u>ov</u>	<u>h.hawaii.gov</u>		<u>ov</u>

govImage: product of the p	TASK	ALASKA	BRITISH COLUMBIA	CALIFORNIA	HAWAII	OREGON	WASHINGTON
CAP Inspections govGraham.Wood@alaska, govLaurie.Boyle@gov.bc.caTed.Mar@wildlife.ca.govelizabeth.galvez@do h.hawaii.govZOLLITSCH.Michael. J@ deq.state.or.usStho461@ecv.wsAbandoned & Derelict Vessel Spill RisksSarah.Moore 907-455-5239Pader Brach 250-953-3855Steve Hampton 916-323-4724Liz Galvez ovScott Smith 503-229-5370Dave Byers 360-407-6974Waste Oil DumpingGraham Wood 907-269-7680 Graham.Wood@alaska, govLaurie Boyle 250-387-8319Ted Mar 16-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez h.hawaii.govMike Zollitsch 503-229-6331 20LITSCH.Michael. J@ deq.state.or.usScott Ferguon 360-407-7465Regulations - GeneralRebecca.spiegel 907-269-7680 Graham.Wood@alaska, agovPader Brach 250-953-3855 Pader Brach 250-953-3855Christine Kluge 916-327-0910Liz Galvez torkisne.Kluge@Wildlife.ca.gov h.hawaii.govMike Zollitsch 200-269-7681 200-407-7445Linda Pilkey-Jarv 503-229-6931 200-407-7445Oil TransferGraham.Wood 907-269-7680 Graham.Wood@alaska, govPader Brach 250-953-3855Ted Mar 916-323-6281 Ted.Mar@wildlife.ca.gov h.hawaii.govUiz Galvez h.hawaii.govMike Zollitsch 503-229-6931 200-407-7445Linda Pilkey-Jarv 503-229-6931 250-4047Oil TransferGraham.Wood 907-269-7680 Graham.Wood@alaska, govPader Brach 250-953-3855Ted Mar 916-323-6281 Ted.Mar@wildlife.ca.gov h.hawaii.govLiz Galvez Liz Galvez 808-586-4249 808-586-4249 808-586-4249Mike Zollitsch 503-229-6931 201LTScH.Michael. J@	Monitor vessels	Graham Wood	Laurie Boyle	Ted Mar	Liz Galvez	Mike Zollitsch	Sara Thompson
Image: solution of the second secon	of concern &	907-269-7680	250-387-8319	916-323-6281	808-586-4249	503-229-6931	425-649-4491
Abandoned & Derelict VesselGrahm Woofe Sarah Moore 200-953-3855Jefe Brach 250-953-3855Steve Hampton 916-323-4724Liz Galvez 808-586-4249Scott Smith 503-229-5370Dave Byre Steve hampton govWaste Oil DumpingGraham Wood 907-269-7580 grahm-Wood@alaska. govLaurie Boyle 250-387-8319 Laurie.Boyle@gov.bc.caTed Mar 916-323-6281 1ed Mar 250-387-8319Liz Galvez 808-586-4249Mike Zollitsch 503-229-6931 200-201Scott Ferguson 360-407-7455 360-407-7445Regulations - GeneralRebecca Spiegel 907-269-7580 a.govPader Brach 250-953-3855 Pader.Brach@gov.bc.caChristine Kluge 916-327-0910 Christine Kluge@Wildlife.ca.gov povLiz Galvez 808-586-4249Mike Zollitsch S03-229-6931 200-229-5931 200-229-5931 200-229-5931 260-407-7447Linda Pilkey-Jarv 360-407-7445 360-407-7447 360-407-7447Oil TransferGraham Wood 907-269-7580 graham.Wood@alaska govPader Brach 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 916-323-6281 916-323-6281 Ted MarLiz Galvez 808-586-4249 elizabeth.galvez@do hhawaii.govMike Zollitsch S03-229-6931 201LITSCH.Michael. J@ deg.state.or.usSara' Tompson qov qovOil TransferGraham Wood 907-269-7580 graham.Wood@alaska govPader Brach 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 916-323-6281 Ted Mar 916-323-6281 16-323-6281 16-323-6281 16-323-6281 16-323-6281 16-323-6281 16-323-6281 16-323-6281 16-323-6281 16-323-6281 16-323-6281 16-323-6281 16-323-6282Mike Zollitsch S03-229-6931	CAIP Inspections	Graham.Wood@alaska.	Laurie.Boyle@gov.bc.ca	Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	Stho461@ecy.wa.g
Derelict Vessel Spill Risks907-465-5239 Sarah.moore@alaska, ov250-953-3855 Pader.Brach@gov.bc.ca916-323-4724 Steve.hampton@wildlife.ca.g ov808-586-4249 elizabeth.galvez@do h.hawaii.gov503-229-5370 Smith.scott@dea. gov360-407-6974 dyve461@ecy.w govWaste Oil DumpingGraham Wood gor.269-7680 govLaurie Boyle 250-387-8319Ted Mar 916-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez elizabeth.galvez@do h.hawaii.govMike Zollitsch 20LITSCH.Michael. j@ deq.state.or.usScott Ferguson acfe461@ecy.wa ovRegulations - GeneralRebecca Spiegel 907-269-7543 Rebecca.spiegel@alask a.gov250-953-3855 Pader.Brach@gov.bc.caChristine Kluge 916-327-0910 Christine Kluge ovLiz Galvez 808-586-4249Mike Zollitsch Soct Ferguson 360-407-7447Lind Pilkey-Jarv acfe41@ecy.wa ovOil TransferGraham Wood 907-269-7680 Graham.Wood@alaska, govPader Brach 250-953-3855 Pader.Brach@gov.bc.caChristine Kluge@Wildlife.ca.gov 916-323-6281 Ted MarLiz Galvez 808-586-4249Mike Zollitsch Soct Z29-6931 360-407-7447Soct Zey-Ra soch 229-6931 360-407-7447Oil TransferGraham.Wood 907-269-7680 Graham.Wood@alaska, govPader Brach 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez elizabeth.galvez@do h.hawaii.govMike Zollitsch Soc 229-6931 20LUTSCH.Michael. J@ deq.state.or.usSoct Zimmerna soc 222-6931 20LUTSCH.Michael. J@ deq.state.or.usPipeline Spills & Leak DetectionSarah Moore 907-465-7239 Sarah.moore@al		gov			<u>h.hawaii.gov</u>	J@ deq.state.or.us	<u>ov</u>
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govImage: solution of the second	Dumping	907-269-7680	250-387-8319	916-323-6281	808-586-4249	503-229-6931	360-407-7465
Regulations - GeneralRebecca Spiegel 907-269-7543 Rebecca.spiegel@alask a.govPader Brach 250-953-3855 Pader.Brach@gov.bc.caChristine Kluge 916-327-0910 Christine.Kluge@Wildlife.ca.g ovLiz Galvez 808-586-4249 clizabeth.galvez@do b.hawaii.govMike Zollitsch 503-229-6931 360-407-7447 jpid61@ecty.wa. govOil Transfer Oil TransferGraham Wood 907-269-7680 Graham.Wood@alaska. govPader Brach 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez 808-586-4249 elizabeth.galvez@do pile323-6281 J@ deg.state.or.usMike Zollitsch So3-229-6931 425-649-4491 So3-229-6931 250-953-3855 916-323-6281 J@ deg.state.or.usSara Thompson 425-649-4491 So3-229-6931 425-649-4491 So3-229-6931 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez elizabeth.galvez@do b.hawaii.govMike Zollitsch So3-229-6931 425-649-4491 So3-229-6931 20LITSCH.Michael. J@ deg.state.or.usScott Zimmerma 425-649-7169 szim461@ecy.wz ovPipeline Spills & Leak DetectionSarah Moore 907-465-5239 Sarah.moore@alaska.g ovPader Brach 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 Ted.Mar@wildlife.ca.gov Dif-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez elizabeth.galvez@do h.hawaii.govMike Zollitsch so3-229-6931 20LITSCH.Michael. J@ deg.state.or.usScott Zimmerma 425-649-7169 szim461@ecy.wz ovPipeline Spills & ovGraham Wood 907-269-7680 Graham.Wood@alaska. Graham.Wood@alaska. Graham.Wood@alaska. Graham.Wood@alaska.Laurie Boyle 250-387		Graham.Wood@alaska.	Laurie.Boyle@gov.bc.ca	Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	scfe461@ecy.wa.g
General907-269-7543 Rebecca.spiegel@alask a.gov250-953-3855 Pader.Brach@gov.bc.ca916-327-0910 Christine.Kluge@Wildlife.ca.g ov808-586-4249 elizabeth.galvez@do h.hawaii.gov503-229-6931 ZOLLITSCH.Michael. j@ide0.state.or.us360-407-7447 jpild61@ecy.wa, govOil TransferGraham Wood 907-269-7680 Graham.Wood@alaska. govPader Brach 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez 808-586-4249 elizabeth.galvez@do h.hawaii.govMike Zollitsch Sora-229-6931 ZOLLITSCH.Michael. J@ deq.state.or.usSara Thompson Sora-229-6931 ZOLLITSCH.Michael. J@ deq.state.or.usPipeline Spills & Leak DetectionSarah Moore 907-465-5239 Sarah.moore@alaska, ovPader Brach 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 Ted Mar 916-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez 808-586-4249 elizabeth.galvez@do h.hawaii.govMike Zollitsch 503-229-6931 ZOLLITSCH.Michael. J@ deq.state.or.usScott Zimmerma 425-649-7169 szim461@ecv.wa ovPipeline Spills & Leak DetectionSarah Moore 907-269-7680 Graham.WoodLaurie Boyle 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez Nike Zollitsch S03-229-6931 ZOLLITSCH.Michael. J@ deq.state.or.usScott Zimmerma 425-649-7169 Szim461@ecv.wa ovPipeline Spills & Leak DetectionGraham Wood 907-269-7680 Graham.Wood@alaska.Laurie Boyle 250-387-8319 Laurie.Boyle@gov.bc.caCAPT Paul Hamilton 916-324-9829 Paul.Hamilton@wildlife.ca.goMike Zollitsch S03-229-6931 S		gov			<u>h.hawaii.gov</u>	J@ deq.state.or.us	<u>ov</u>
General907-269-7543 Rebecca.spiegel@alask a.gov250-953-3855 Pader.Brach@gov.bc.ca916-327-0910 Christine.Kluge@Wildlife.ca.g ov808-586-4249 elizabeth.galvez@do h.hawaii.gov503-229-6931 ZOLLITSCH.Michael. jpil461@ecy.wa, govOil TransferGraham Wood 907-269-7680 Graham.Wood@alaska. govPader Brach 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez 808-586-4249 elizabeth.galvez@do h.hawaii.govMike Zollitsch Sor-229-6931 ZOLLITSCH.Michael. J@ deg.state.or.usSara Thompson 425-649-4491 Stho461@ecy.wa ovPipeline Spills & Leak DetectionSarah Moore 907-465-5239 Sarah.moore@alaska, ovPader Brach 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 Ted Mar 916-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez 808-586-4249 elizabeth.galvez@do h.hawaii.govMike Zollitsch 503-229-6931 ZOLLITSCH.Michael. J@ deg.state.or.usScott Zimmerma 425-649-7169 szim461@ecy.wa ovPipeline Spills & Leak DetectionSarah Moore 907-269-7680 Graham.WoodPader Brach 250-953-3855 Pader.Brach@gov.bc.caTed Mar 916-323-6281 Ted.Mar@wildlife.ca.govLiz Galvez kow h.hawaii.govMike Zollitsch 503-229-6931 ZOLLITSCH.Michael. J@ deg.state.or.usScott Zimmerma 425-649-7169 szim461@ecy.wa ovRailroad and Truck SpillsGraham Wood 907-269-7680 Graham.Wood@alaska.Laurie Boyle 250-387-8319 Laurie.Boyle@gov.bc.caCAPT Paul Hamilton 916-324-9829 Paul.Hamilton@wildlife.ca.goMike Zollitsch 503-229-6931 So0-229-6931 So0-407-6761 Sogl461@ecy.	Regulations -	Rebecca Spiegel	Pader Brach	Christine Kluge	Liz Galvez	Mike Zollitsch	Linda Pilkev-Jarvis
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Leak Detection907-465-5239 Sarah.moore@alaska.g ov250-953-3855 Pader.Brach@gov.bc.ca916-323-6281 Ted.Mar@wildlife.ca.gov808-586-4249 elizabeth.galvez@do h.hawaii.gov503-229-6931 ZOLLITSCH.Michael. J@ deq.state.or.us425-649-7169 szim461@ecy.wa ovRailroad and Truck SpillsGraham Wood 907-269-7680 Graham.Wood@alaska.Laurie Boyle 250-387-8319 Laurie.Boyle@gov.bc.caCAPT Paul Hamilton 916-324-9829 Paul.Hamilton@wildlife.ca.govLiz Galvez 808-586-4249 elizabeth.galvez@do 808-586-4249Mike Zollitsch 503-229-6931 ZOLLITSCH.Michael. J@ deq.state.or.usSteve Ogle 360-407-6761 sogl461@ecy.wa							
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Sarah.moore@alaska.g ovPader.Brach@gov.bc.caTed.Mar@wildlife.ca.govelizabeth.galvez@do h.hawaii.govZOLLITSCH.Michael. J@ deq.state.or.usszim461@ecy.wa ovRailroad and Truck SpillsGraham Wood 907-269-7680Laurie Boyle 250-387-8319CAPT Paul Hamilton 916-324-9829Liz Galvez 808-586-4249Mike Zollitsch 503-229-6931Steve Ogle 360-407-6761Graham.Wood@alaska.Laurie.Boyle@gov.bc.caPaul.Hamilton@wildlife.ca.goelizabeth.galvez@do 808-586-4249ZOLLITSCH.Michael. 360-407-6761sgl461@ecy.wa 360-407-6761							
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Truck Spills     907-269-7680     250-387-8319     916-324-9829     808-586-4249     503-229-6931     360-407-6761       Graham.Wood@alaska     Laurie.Boyle@gov.bc.ca     Paul.Hamilton@wildlife.ca.go     elizabeth.galvez@do     ZOLLITSCH.Michael.     sogl461@ecy.wa							
Truck Spills     907-269-7680     250-387-8319     916-324-9829     808-586-4249     503-229-6931     360-407-6761       Graham.Wood@alaska     Laurie.Boyle@gov.bc.ca     Paul.Hamilton@wildlife.ca.go     elizabeth.galvez@do     ZOLLITSCH.Michael.     sogl461@ecy.wa	Railroad and	Graham Wood	Laurie Boyle	CAPT Paul Hamilton	Liz Galvez	Mike Zollitsch	Steve Ogle
Graham.Wood@alaska. Laurie.Boyle@gov.bc.ca Paul.Hamilton@wildlife.ca.go elizabeth.galvez@do ZOLLITSCH.Michael. sogl461@ecy.wa							J
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TASK	ALASKA	BRITISH COLUMBIA	CALIFORNIA	HAWAII	OREGON	WASHINGTON
Salvage	Graham Wood	Pader Brach	Ted Mar	Liz Galvez	Mike Zollitsch	Sara Thompson
Capabilities	907-269-7680	250-953-3855	916-323-6281	808-586-4249	503-229-6931	425-649-4491
	Graham.Wood@alaska.	Pader.Brach@gov.bc.ca	Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	Stho461@ecy.wa.g
	gov			<u>h.hawaii.gov</u>	J@ deq.state.or.us	<u>ov</u>
Tug Escort	Graham Wood	Pader Brach	Ted Mar	Liz Galvez	Not assigned	Scott Ferguson
Requirements	907-269-7680	250-953-3855	916-323-6281	808-586-4249		360-407-7465
	Graham.Wood@alaska.	Pader.Brach@gov.bc.ca	Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do		<pre>scfe461@ecy.wa.g</pre>
	gov			<u>h.hawaii.gov</u>		<u>ov</u>
Towing Vessel	Graham Wood	N/A	Ted Mar	Liz Galvez	Mike Zollitsch	Sara Thompson
inspections	907-269-7680		916-323-6281	808-586-4249	503-229-6931	425-649-4491
	Graham.Wood@alaska.		Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	Stho461@ecy.wa.g
	gov			<u>h.hawaii.gov</u>	J@ deq.state.or.us	<u>ov</u>
Federal	Kristin Ryan	Pader Brach	Ryan Todd	Liz Galvez	Mike Zollitsch	Rob Dengel
Preemption	907-269-7604	250-953-3855	916-324-3406	808-586-4249	503-229-6931	360-407-6905
lssues	Kristin.Ryan@alaska.go	Pader.Brach@gov.bc.ca	Ryan.Todd@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	Rden461@ecy.wa.
	<u>v</u>			<u>h.hawaii.gov</u>	J@ deq.state.or.us	gov
	Graham Wood					
	907-269-7680					
	Graham.Wood@alaska.					
	gov					
Vessel Traffic	Sarah Moore	Pader Brach	Ted Mar	Liz Galvez	Mike Zollitsch	Scott Ferguson
Trends & Risks	907-465-5239	250-953-3855	916-323-6281	808-586-4249	503-229-6931	360-407-7465
	Sarah.Moore@alaska.g	Pader.Brach@gov.bc.ca	Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	<pre>scfe461@ecy.wa.g</pre>
	<u>ov</u>			<u>h.hawaii.gov</u>	J@ deq.state.or.us)	<u>ov</u>
Cruise Ship	Ben White	Yannick Lapierre	Ted Mar	Liz Galvez	Mike Zollitsch	Sara Thompson
Operations	907-465-5320	250-387-9557	916-323-6281	808-586-4249	503-229-6931	425-649-4491
	Ben.white@ alaska.gov	Yannick.lapierre@gov.bc.ca	Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	Stho461@ecy.wa.g
				h.hawaii.gov	J@ deq.state.or.us	<u>ov</u>

TASK	ALASKA	BRITISH COLUMBIA	CALIFORNIA	HAWAII	OREGON	WASHINGTON
NPDES for Vessel	Ben White	Pader Brach	Ted Mar	Liz Galvez	Not assigned	Sara Thompson
Wastewater	907-465-5320	250-953-3855	916-323-6281	808-586-4249		425-649-4491
Discharges	Ben.white@ alaska.gov	Pader.Brach@gov.bc.ca	Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do		Stho461@ecy.wa.g
				<u>h.hawaii.gov</u>		<u>ov</u>
LNG Shipping &	Graham Wood	Pader Brach	Ted Mar	Liz Galvez	Mike Zollitsch	Scott Ferguson
Terminal	907-269-7680	250-953-3855	916-323-6281	808-586-4249	503-229-6931	360-407-7465
Operations	<u>Graham.Wood@alaska.</u>	Pader.Brach@gov.bc.ca	Ted.Mar@wildlife.ca.gov	<u>elizabeth.galvez@do</u>	ZOLLITSCH.Michael.	<pre>scfe461@ecy.wa.g</pre>
	gov			<u>h.hawaii.gov</u>	J@ deq.state.or.us	<u>ov</u>
Green Ports	Graham Wood	Yannick Lapierre	Ted Mar	Liz Galvez	Not assigned	Sara Thompson
	907-269-7680	250-387-9557	916-323-6281	808-586-4249		415-649-4491
	Graham.Wood@alaska.	Yannick.lapierre@gov.bc.ca	Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do		Stho461@ecy.wa.g
	gov			<u>h.hawaii.gov</u>		<u>ov</u>
Ballast Water	Sarah Moore	Pader Brach	Steve Foss	Liz Galvez	Rian Hooff	Sara Thompson
	907-465-5239	250-953-3855	916-341-6958	808-586-4249	503-229-6868	415-649-4491
	Sarah.Moore@alaska.g	Pader.Brach@gov.bc.ca	Steve.Foss@wildlife.ca.gov	<u>elizabeth.galvez@do</u>	<u>hooff.rian@</u>	Stho461@ecy.wa.g
	<u>ov</u>			<u>h.hawaii.gov</u>	deq.state.or.us	<u>ov</u>
Spill Prevention	Sarah Moore	Pader Brach	Ted Mar	Liz Galvez	Mike Zollitsch	Mike Lynch
Lessons Learned	907-465-5239	250-953-3855	916-323-6281	808-586-4249	503-229-6931	(360)407-7482
	<u>Sarah.Moore@alaska.g</u>	Pader.Brach@gov.bc.ca	Ted.Mar@wildlife.ca.gov	<u>elizabeth.galvez@do</u>	ZOLLITSCH.Michael.	mily461@ecy.wa.g
	<u>ov</u>			<u>h.hawaii.gov</u>	J@ deq.state.or.us	<u>ov</u>

TASK	ALASKA	BRITISH	CALIFORNIA	HAWAII	OREGON	WASHINGTON
		COLUMBIA				
Transboundary	Graham Wood	Pader Brach	Greg McGowan	Liz Galvez	Mike Zollitsch	Linda Pilkey-Jarvis
lssues (CAN/US,	907-269-7680	250-953-3855	916-324-7629	808-586-4249	503-229-6931	360-407-7447
CAN/MEX)	Graham.Wood@alaska.	Pader.Brach@gov.bc.ca	Greg.McGowan@Wildlife.ca.	elizabeth.galvez@do	ZOLLITSCH.Michael.	jpil461@ecy.wa.gov
	gov		gov	h.hawaii.gov	J@ deq.state.or.us	
U.S. Limits of	Rebecca Spiegel	N/A	Ryan Todd	Liz Galvez	Mike Zollitsch	Linda Pilkey-Jarvis
Liability	907-269-7543		916-324-3406	808-586-4249	503-229-6931	360-407-7447
	Rebecca.spiegel@alask		Ryan.Todd@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	jpil461@ecy.wa.gov
	a.gov			h.hawaii.gov	J@ deq.state.or.us	
Incident	Sarah Moore	Yannick Lapierre	CAPT Paul Hamilton	Liz Galvez	Mike Zollitsch	Howard Zorzi
Command	907-465-5239	250-387-9557	916-324-9829	808-586-4249	503-229-6931	425-649-7111
System (ICS)	Sarah.Moore@alaska.g	Yannick.lapierre@gov.bc.ca	Paul.Hamilton@wildlife.ca.g	elizabeth.galvez@do	ZOLLITSCH.Michael.	Hzor461@ecy.wa.go
	<u>ov</u>		<u>ov</u>	h.hawaii.gov	J@ deq.state.or.us	
OILS-911 Hotline	Sarah Moore	Yannick Lapierre	Cathy Conway	Liz Galvez	Mike Zollitsch	Sandy Howard
	907-465-5239	250-387-9557	916-341-6957	808-586-4249	503-229-6931	360-407-6990
	Sarah.Moore@alaska.g	Yannick.lapierre@gov.bc.ca	Cathy.Conway@wildlife.ca.g	elizabeth.galvez@do	ZOLLITSCH.Michael.	srud461@ecy.wa.go
	<u>ov</u>		<u>ov</u>	<u>h.hawaii.gov</u>	J@ deq.state.or.us	<u>v</u>
Mutual Aid	Sarah Moore	Pader Brach	Ryan Todd	Liz Galvez	Mike Zollitsch	Dave Byers
issues	907-465-5239	250-953-3855	916-324-3406	808-586-4249	503-229-6931	360-407-6974
	Sarah.Moore@alaska.g	Pader.Brach@gov.bc.ca	Ryan.Todd@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	dbye461@ecy.wa.go
	<u>ov</u>			h.hawaii.gov	J@ deq.state.or.us	
Oil Spill R&D	Rebecca Spiegel	Laurie Boyle	Annie Nelson	Liz Galvez	Don Pettit	Sonja Larson
	907-269-7543	250-387-8319	916-324-0125	808-586-4249	503-229-5373	360-407-6682
	Rebecca.spiegel@alask	Laurie.Boyle@gov.bc.ca	Annie.nelson@wildlife.ca.go	elizabeth.galvez@do	Pettit.don@deq.stat	Slar461@ecy.wa.gov
	a.gov		<u>v</u>	<u>h.hawaii.gov</u>	<u>e.or.us</u>	
Volunteer	Rebecca Spiegel	Kristin Day	Cindy Murphy	Liz Galvez	Don Pettit	Nhi Irwin
Planning &	907-269-7543	250-953-3407	916-324-6250	808-586-4249	503-229-5373	360-407-7039
Management	Rebecca.spiegel@alask	Kristin.Day@gov.bc.ca	Cindy.Murphy@wildlife.ca.g	elizabeth.galvez@do	Pettit.don@deq.stat	Nhoa461@ecy.wa.g
	a.gov		ov	h.hawaii.gov	e.or.us	<u>ov</u>

## Spill Preparedness and Response

TASK	ALASKA	BRITISH	CALIFORNIA	HAWAII	OREGON	WASHINGTON
		COLUMBIA				
Drills and	Rebecca Spiegel	Pader Brach	Yvonne Addassi	Liz Galvez	Scott Smith	Howard Zorzi
Exercises	907-269-7543	250-953-3855	916-445-1162	808-586-4249	503-229-5370	425-649-7111
	Rebecca.spiegel@alask	Pader.Brach@gov.bc.ca	yvonne.addassi@wildlife.ca.	elizabeth.galvez@do	Smith.scott@deq.	Hzor461@ecy.wa.gov
	a.gov		gov	<u>h.hawaii.gov</u>	state.or.us	
Applied	Graham Wood	Pader Brach	Ellen Faurot-Daniels	Liz Galvez	Don Pettit	Sonja Larson
Response	907-269-7680	250-953-3855	831-649-2888	808-586-4249	503-229-5373	360-407-6682
Technologies	Graham.Wood@alaska.	Pader.Brach@gov.bc.ca	Ellen.Faurot-	elizabeth.galvez@do	Pettit.don@deq.stat	Slar461@ecy.wa.gov
	gov		Daniels@wildlife.ca.gov	h.hawaii.gov	e.or.us	
Development of	Rebecca Spiegel	Pader Brach	Annie Nelson	Liz Galvez	Don Pettit	Sonja Larson
BAT/BAP	907-269-7543	250-953-3855	916-324-0125	808-586-4249	503-229-5373	360-407-6682
	Rebecca.spiegel@alask	Pader.Brach@gov.bc.ca	Annie.nelson@wildlife.ca.go	elizabeth.galvez@do	Pettit.don@deq.stat	Slar461@ecy.wa.gov
	a.gov		<u>v</u>	h.hawaii.gov	e.or.us	
OSROs	Graham Wood	Pader Brach	Jeff Poteet	Liz Galvez	Mike Zollitsch	Sonja Larson
	907-269-7680	250-953-3855	916-323-6285	808-586-4249	503-229-6931	360-407-6682
	Graham.Wood@alaska.	Pader.Brach@gov.bc.ca	Jeff.poteet@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	Slar461@ecy.wa.gov
	gov			h.hawaii.gov	J@ deq.state.or.us	
JIC Planning,	Sarah Moore	Pader Brach	Steve Gonzalez	Liz Galvez	Jennifer Flynt, 503-	Sandy Howard
Training &	907-465-5239	250-953-3855	916-322-1683	808-586-4249	229-6585,	360-407-6990
Guidelines	Sarah.Moore@alaska.g	Pader.Brach@gov.bc.ca	Steve.Gonzalez@wildlife.ca.g	elizabeth.galvez@do	FLYNT.Jennifer@de	srud461@ecy.wa.gov
	<u>ov</u>		<u>ov</u>	h.hawaii.gov	<u>q.state.or.us</u>	
NRDA &	Rebecca Spiegel	Pader Brach	Julie Yamamoto	Liz Galvez	Don Pettit	Alison Meyers
Restoration	907-269-7543	250-953-3855	916-327-3196	808-586-4249	503-229-5373	360-407-7114
	Rebecca.spiegel@alask	Pader.Brach@gov.bc.ca	Julie.Yamamoto@wildlife.ca.	elizabeth.galvez@do	Pettit.don@deq.stat	Amey461@ecy.wa.go
	a.gov		gov	h.hawaii.gov	e.or.us	
Coordinated	Rebecca Spiegel	Pader Brach	Dr. Mike Ziccardi, Oiled	Liz Galvez	Jon Germond	Nhi Irwin
Oiled Wildlife	907-269-7543	250-953-3855	Wildlife Care Network	808-586-4249	ODF&W	360-407-7039
Care	Rebecca.spiegel@alask	Pader.Brach@gov.bc.ca	530-752-4167	elizabeth.galvez@do	503-947-6088	Nhoa461@ecy.wa.g
	a.gov		mhziccardi@ucdavis.edu	h.hawaii.gov	Jon.p.Germond@	<u>ov</u>
					state.or.us	

TASK	ALASKA	BRITISH	CALIFORNIA	HAWAII	OREGON	WASHINGTON
		COLUMBIA				
Seabird & Other	Rebecca Spiegel	Pader Brach	Dr. Mike Ziccardi, Oiled	Liz Galvez	Don Pettit	Alison Meyers
Vulnerable	907-269-7543	250-953-3855	Wildlife Care Network	808-586-4249	503-229-5373	360-407-7114
Inland and	Rebecca.spiegel@alask	Pader.Brach@gov.bc.ca	530-752-4167	elizabeth.galvez@do	Pettit.don@deq.stat	Amey461@ecy.wa.go
Marine	a.gov		mhziccardi@ucdavis.edu	<u>h.hawaii.gov</u>	<u>e.or.us</u>	
Populations						
			Julie Yamamoto			
			916-327-3196			
			Julie.Yamamoto@wildlife.ca.			
			gov			
Promote	Sarah Moore	Pader Brach	Judd Muskat	Liz Galvez	Mike Zollitsch	Sonja Larson
Remote Sensing	907-465-5239	250-953-3855	916-324-3411	808-586-4249	503-229-6931	360-407-6682
& 24/7 Response	Sarah.Moore@alaska.g	Pader.Brach@gov.bc.ca	Judd.Muskat@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	Slar461@ecy.wa.gov
Capabilities	<u>ov</u>			<u>h.hawaii.gov</u>	J@ deq.state.or.us	
Non-tank vessel	Sarah Moore	Pader Brach	Ted Mar	Liz Galvez	Scott Smith	Nhi Irwin
C-Plan issues	907-465-5239	250-953-3855	916-323-6281	808-586-4249	503-229-5370	360-407-7039
	Sarah.Moore@alaska.g	Pader.Brach@gov.bc.ca	Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do	Smith.scott@deq.	<u>Nhoa461@ecy.wa.g</u>
	<u>ov</u>			<u>h.hawaii.gov</u>	state.or.us	<u>ov</u>
Places of Refuge	Rebecca Spiegel	Pader Brach	Kathleen Jennings	Liz Galvez	Don Pettit	Linda Pilkey-Jarvis
Planning	907-269-7543	250-953-3855	707-864-4938	808-586-4249	503-229-5373	360-407-7447
-	Rebecca.spiegel@alask	Pader.Brach@gov.bc.ca	Kathleen.Jennings@wildlife.c	elizabeth.galvez@do	Pettit.don@deq.stat	jpil461@ecy.wa.gov
	a.gov		a.gov	h.hawaii.gov	e.or.us	
Status of the Oil	Olivia Napoli-Fultz	Pader Brach	Ryan Todd	Liz Galvez	Mike Zollitsch	Linda Pilkey-Jarvis
Spill Liability	907-465-5270	250-953-3855	916-324-3406	808-586-4249	503-229-6931	360-407-7447
Trust Fund	olivia.napoli-	Pader.Brach@gov.bc.ca	Ryan.Todd@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	jpil461@ecy.wa. gov
	fultz@alaska.gov			<u>h.hawaii.gov</u>	J@ deq.state.or.us	
Update the	Graham Wood	Pader Brach	Ted Mar	Liz Galvez	Scott Smith	Nhi Irwin
Integrated	907-269-7680	250-953-3855	916-323-6281	808-586-4249	503-229-5370	360-407-7039
Vessel Response	Graham.Wood@alaska.	Pader.Brach@gov.bc.ca	Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do	Smith.scott@deq.	Nhoa461@ecy.wa.g
Plans & Expand	gov			<u>h.hawaii.gov</u>	<u>state.or.us</u>	<u>ov</u>
to Non-Tank						
Vessels.						
Deepwater	Graham Wood	N/A	Ted Mar	Liz Galvez	Mike Zollitsch	Linda Pilkey-Jarvis
Horizon SONS	907-269-7680		916-323-6281	808-586-4249	503-229-6931	360-407-7447
Lessons Learned	Graham.Wood@alaska.		Ted.Mar@wildlife.ca.gov	elizabeth.galvez@do	ZOLLITSCH.Michael.	jpil461@ecy.wa. gov
	gov			<u>h.hawaii.gov</u>	J@ deq.state.or.us	

TASK	ALASKA	BRITISH	CALIFORNIA	HAWAII	OREGON	WASHINGTON
		COLUMBIA				
Preparedness -	Sarah Moore	Pader Brach	Yvonne Addassi	Liz Galvez	Mike Zollitsch	Linda Pilkey-Jarvis
Response	907-465-5239	250-953-3855	916-445-1162	808-586-4249	503-229-6931	360-407-7447
Lessons Learned	Sarah.Moore@alaska.g	Pader.Brach@gov.bc.ca	yvonne.addassi@wildlife.ca.	elizabeth.galvez@do	ZOLLITSCH.Michael.	jpil461@ecy.wa.gov
	<u>ov</u>		gov	<u>h.hawaii.gov</u>	J@ deq.state.or.us	
Spill	Sarah Moore	Pader Brach	Yvonne Addassi	Liz Galvez	Scott Smith	Linda Pilkey-Jarvis
Management	907-465-5239	250-953-3855	916-445-1162	808-586-4249	503-229-5350,	360-407-7447
Teams	Sarah.Moore@alaska.g	Pader.Brach@gov.bc.ca	Yvonne.Addassi@wildlife.ca.	elizabeth.galvez@do	SMITH.Scott@deq.s	jpil461@ecy.wa.gov
	<u>ov</u>		gov	<u>h.hawaii.gov</u>	tate.or.us	