

Vessel Traffic in the Salish Sea

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Ecology

Prevention Section,

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MISSION:

To protect human health and the environment by preventing spills, being prepared for and effectively responding to oil and hazardous substance spills when they occur.

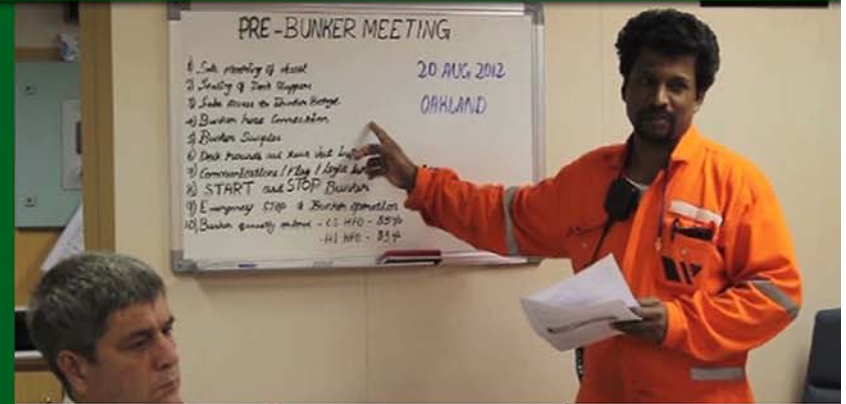


FOCUS:

To prevent oil spills to Washington's waters and land, as well as plan for and deliver a rapid, aggressive, and well-coordinated response to oil and hazardous substance spills whenever they occur.

PREVENTION ACTIVITIES

- ▶ Conduct vessel and facility inspections
- ▶ Monitor oil transfers
- ▶ Analyze oil transportation risks
- ▶ Conduct spill and incident investigations
- ▶ Review and approve spill prevention plans



Since 1995, the Spills program prevention team has conducted over 20,850 vessel and oil transfer inspections. Our goal is ZERO spills to Washington waters.



Earth...pass it on.

PREPAREDNESS ACTIVITIES



- ▶ Review and approve industry contingency plans
- ▶ Develop geographic response plans (GRPs)
- ▶ Conduct oil spill drills
- ▶ Verify and test response equipment
- ▶ Participate in the Area Planning process

The Spills program has developed over 1,209 pre-planned oil spill response strategies designed to reduce damage to local environmental, economic, and cultural resources in communities. These strategies are called Geographic Response Plans.



Earth...pass it on.



RESPONSE ACTIVITIES




- ▶ 24/7 response and cleanup of oil, hazardous materials spills, and drug labs
- ▶ Pre-stage equipment caches and train locals for rapid containment of oil spill
- ▶ Conduct natural resource damage assessments
- ▶ Take measured enforcement actions



The Spills
program has
responded to
over **4,000**
spill incidents
per year
since 1990.

Earth...pass it on.

Puget Sound Vessel Traffic Risk Assessment (VTRA) Update

 DEPARTMENT OF ECOLOGY
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Spills

SPILLS PROGRAM

- How to Report A Spill
- When Spills Happen
- Community Outreach
- Technical Assistance for Industry
- Incidents
- Partners and Resources
- Publications
- Laws and Rules
- Oil Transport
 - Oil Transportation Safety Act**
 - 2014 Marine and Rail Study
 - Oil Transport Maps
 - Related Studies

[Spills](#) > [Oil Movement](#) > [Oil Transportation Safety Act](#) > Risk Assessment



Risk Assessment



Puget Sound VTRA Update

- Purpose and Funding



- **Goal**

- Update Puget Sound VTRA model to maintain its accuracy and usefulness



- **Funding**

- \$100,000 legislature funding
- Potential additional EPA grant funding



- **Timeline**

- December 2015 – August 2016



Puget Sound VTRA Update

- draft Scope of Work

Update to 2015

Update model with 2015 vessel traffic data (2015 base case)

New 'What if' Scenario

Define 'What-if' scenario, compare to 2015 base case

Risk Mitigation

Define risk mitigation measures, compare to 2015 base case



Puget Sound VTRA Update

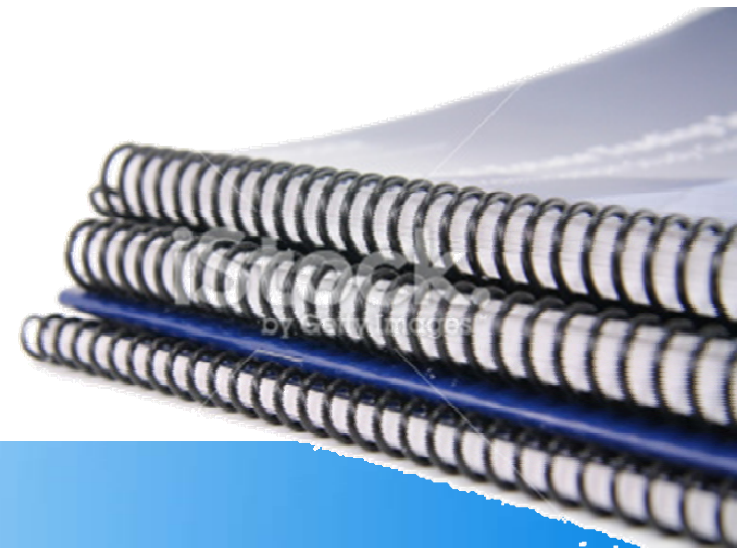
- HSC Working Group

- Ecology
- USCG
- Marine Exchange
- Tribal Nations
- Industry
- Non-governmental Organizations



Future Salish Sea Risk Assessment Workshop

- **When:** Fall 2016
- **Purpose:**
 - Review 2015 VTRA Report, recent EIS, & previous workshop report
 - Develop actionable recommendations to reduce risk



More Information

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Risk Assessment

<http://www.ecy.wa.gov/programs/spills/OilMovement/RiskAssessment.html>



Thank you

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[http://www.ecy.wa.gov/programs/spills/
OilMovement/RiskAssessment.html](http://www.ecy.wa.gov/programs/spills/OilMovement/RiskAssessment.html)

