Marine Spill Response on the West Coast
Agenda

• Canada’s Spill Response Regime
  • Tanker Safety Expert Panel
  • Oceans Protection Plan

• WCMRC
  • Coastal Response Program

• Trans Mountain Expansion Project
1989: Exxon Valdez
1990: Brander-Smith report
1993: Canada Shipping Act amendments
1995: WCMRC certified
2013: Tanker Safety Expert Panel
2016: Oceans Protection Plan
Roles & Responsibilities

Transport Canada

- Lead regulatory agency; regime review
- Certification of Response Organizations (ROs)

Canadian Coast Guard

- Respond to minor spills
- Lead cross-border exercises (CANUSDIX, CANUSPAC)
- Federal Monitoring Officer (FMO) during an incident

Environment Canada/B.C. Ministry of Environment/D.F.O.

- Provide assistance with mapping and shoreline assessment
- Assist in identifying environmental, cultural and economic priorities

Response Organizations

- Develop response plans
- Conduct certification exercises
Tanker Safety Expert Panel

A REVIEW OF CANADA’S SHIP-SOURCE OIL SPILL PREPAREDNESS AND RESPONSE REGIME
Setting the Course for the Future
Area Risk Assessment & Response Plans

Pacific Task Force
- Transport Canada
- Canadian Coast Guard
- Environment Canada
- Fisheries & Oceans
- BC Ministry of Environment
- Canadian Wildlife Services
- WCMRC
Oceans Protection Plan

- $1.5 billion to CCG, DFO, CHS, ECCC
- New Environmental Response Base (Port Hardy)
- Towing kits for existing vessels
- Two new towing vessels
- Additional Environmental Response Teams
- Indigenous Community Response Teams
- Changes to regulatory requirements
- Expand the CCG Auxiliary’s role
- New radar & domain awareness
WCMRC: B.C.’s Spill Response Organization
WCMRC GEOGRAPHICAL AREA OF RESPONSE

RESPONSE EQUIPMENT CACHEs
1. Queen Charlotte | Haida Gwaii
2. Kitimat | Haisla
3. Shearwater | Heiltsuk
4. Port Hardy | Kwakwaka’wakw
5. Campbell River | Kwakwaka’wakw/Cast Salish
6. Sunshine Coast | Coast Salish
7. Port Alberni | Nuu-chah-nulth
8. Nanaimo | Coast Salish
9. Deltaport | Coast Salish
10. Fraser River | Coast Salish
11. Victoria | Lekwungen

OFFICE / WAREHOUSE FACILITIES
A. Burnaby | Coast Salish
B. Prince Rupert | Ts’msyen
C. Duncan | Coast Salish
Funding

- +2,200 Members
  - Vessels
  - Oil Handling Facilities
- Subscribers
Exercises

- **Table Tops**
  - 1,000 t every year
  - 10,000 t every 3 years
  - Member exercises

- **On-Water**
  - 150 t every year (Van)
  - 2,500 t every 2 years
North Cove - Thetis Island

Location: 49°0'59" N, 123°41'21" W  
Seasonality: All Season

Site Status: New GRS - March 19, 2015  
Phyident: 01/08/0210

Waterbody: North Cove  
Resources at Risk: Cultural Features

Strategy Objective: Exclusion

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### Recommended Equipment

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<tr>
<th>Amount</th>
<th>Description</th>
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<tr>
<td>1400 feet</td>
<td>General Purpose Boom</td>
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<tr>
<td>100 feet</td>
<td>3/8&quot; Polysteel</td>
</tr>
<tr>
<td>4</td>
<td>Danforth Anchor kits</td>
</tr>
<tr>
<td>2</td>
<td>Shoreline Anchor kits</td>
</tr>
<tr>
<td>2</td>
<td>(1) Broadwater Craft (1) Landing Craft</td>
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### Recommended Personnel

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<thead>
<tr>
<th>Number</th>
<th>Personnel</th>
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<tr>
<td>1</td>
<td>Supervisor</td>
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<tr>
<td>4</td>
<td>Labourers</td>
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<tr>
<td>2</td>
<td>Vessel Operators</td>
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Trans Mountain Expansion Project
## WCMRC Potential Growth (estimates only)

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<th></th>
<th>Personnel</th>
<th>Vessels</th>
<th>Bases</th>
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<tbody>
<tr>
<td>Current</td>
<td>65</td>
<td>35</td>
<td>3</td>
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<tr>
<td>TMX Enhancements</td>
<td>115</td>
<td>40</td>
<td>6</td>
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<tr>
<td>Total:</td>
<td>180</td>
<td>75</td>
<td>9</td>
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Thank-you!