



EMA of BC
Environmental Managers Association
of British Columbia

Multi-Jurisdictional Stakeholders: Lessons Learned in English Bay Oil Spill

Jennifer Mayberry, Manager of Environmental Services, City of Vancouver

Jeff Brady, Pollution Response Officer, Canadian Coast Guard

Michael Lowry, Manager Communications, Western Canada Marine Response
Corporation

Moderator: Patrick Novak, Past President, EMA of BC



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1. Introductions
2. Spill Summary
3. Organization's Lesson Learned Summary
 - a. Coast Guard
 - b. City of Vancouver
 - c. Western Canada Marine Response Corporation
4. Future Continued Learning
5. Questions



1. Spill Summary

a. Butler Report - <http://www.ccg-gcc.gc.ca/independent-review-Marathassa-oil-spill-ER-operation>

Following the spill, the team interviewed various governments, NGO's, agencies and industry to produce 25 recommendations focusing on:

- the need for a localized plan
- the need to exercise a localized oil spill plan
- requirement for on-site environmental science support
- the need for timely communication regarding potential risks

Produced a detailed chronology of the incident.



Canadian Coast Guard (Environmental Response)

When we Respond	How we Respond	Powers to Respond
<u>Vessel</u> <ul style="list-style-type: none">● Grounding● Collision● Sinking● Intentional Discharge● Drifting● Abandonment● etc.. <u>OHF</u> <ul style="list-style-type: none">● Discharge during <u>Transfer</u>	<ul style="list-style-type: none">● Initial Assessment● Initial Response● Coordination with BC MOE and EC● Attempt to identify Polluter● Mitigate pollution damages by ensuring effective containment/recovery of oil	<p><u>Canada Shipping Act</u></p> <hr/> <p>180. (1) If the Minister of Fisheries and Oceans believes on reasonable grounds that a vessel has discharged, is discharging or is likely to discharge a pollutant, he or she may (a) take the measures that he or she considers necessary to repair, remedy, minimize or prevent pollution damage from the vessel</p>

ER Bases:

- Richmond
- Victoria
- Prince Rupert





Canadian Coast Guard (Environmental Response)

Lesson Learned	Actions Taken
Alerting/Notification with Province (EMBC/MOE) needs improvement	<ul style="list-style-type: none">• Increased training to CCG personnel on how to use the existing Provincial alerting system.
Lack of a Localized Plan	<ul style="list-style-type: none">• Initiation of the GVirP• Change from one CCG Duty Officer in BC, to three• Area Response Planning Project
Responders had undefined Roles & Responsibilities	<ul style="list-style-type: none">• CCG is developing an Incident Management Handbook that clarifies R&R's for all responders (early 2016)
Limited ability to share information externally	<ul style="list-style-type: none">• CCG will soon have a Web-Based Incident Information Management System. This will enable all parties to share data on a common platform.





City of Vancouver

- protection of human health a key consideration/end point (beaches)
- importance/value of local experts (VanAquarium)
- value of relationships with other local governments and First Nations
- weaknesses in our own systems (e.g., SCAT)

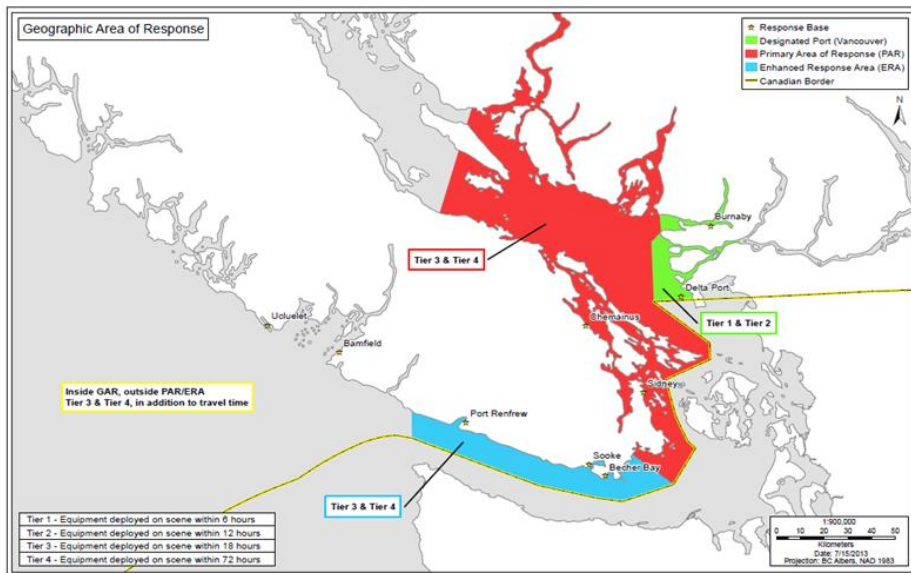


GVIRP Environmental Unit

- developing Terms of Reference for EU in Planning Section
- TOR includes:
 - how & when EU established
 - responsibilities
 - positions & duties
 - resources at risk overview
 - resources list: SCAT, environmental sensitive maps, geographic response strategies, sampling protocols, sampling & monitoring plans, beach closure & reopening standards, SME contact list

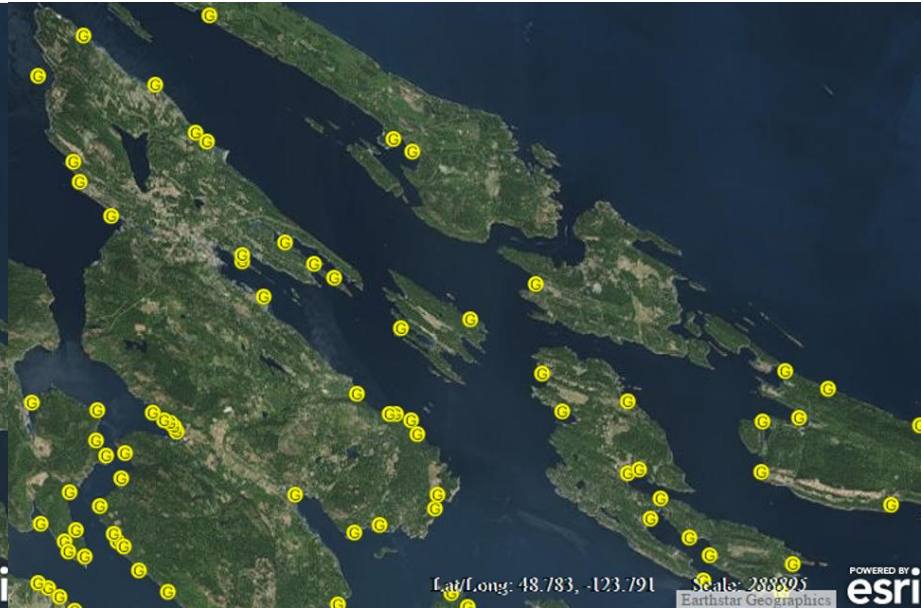
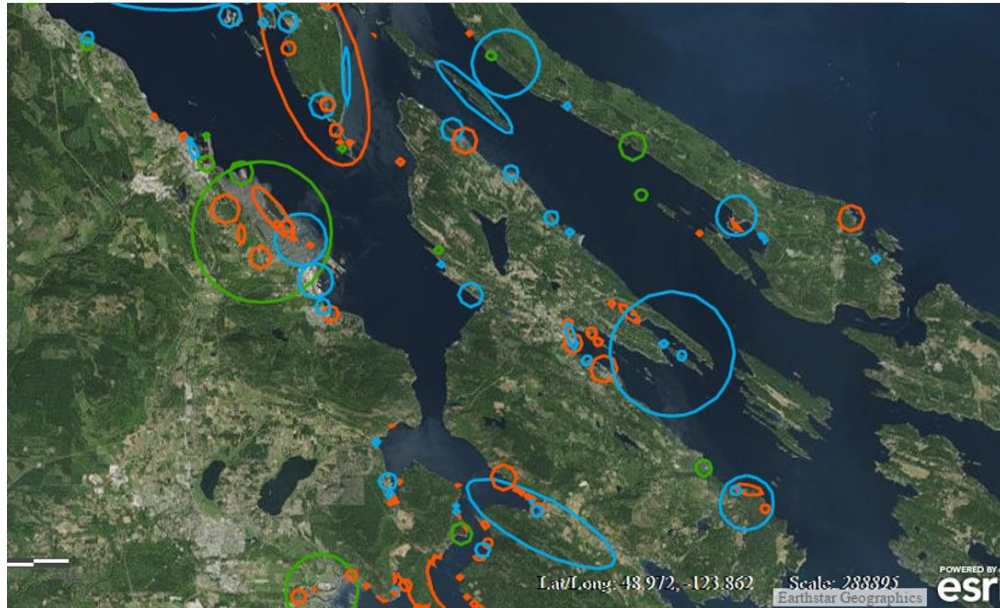


WCMRC: Overview



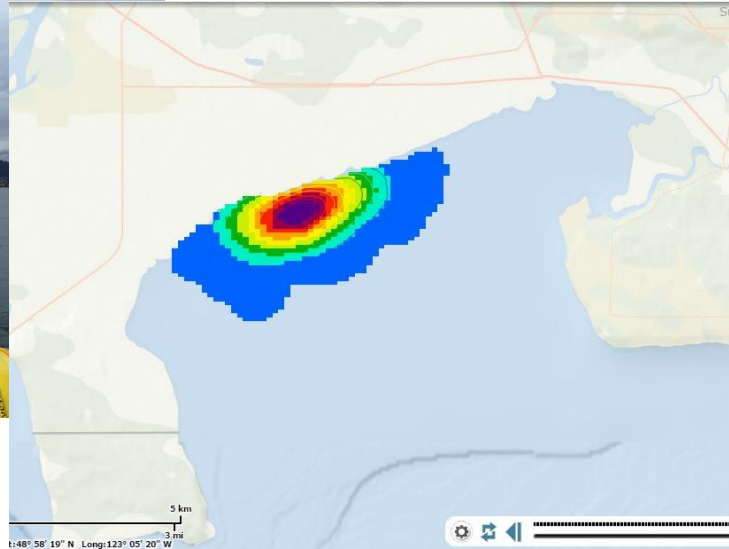
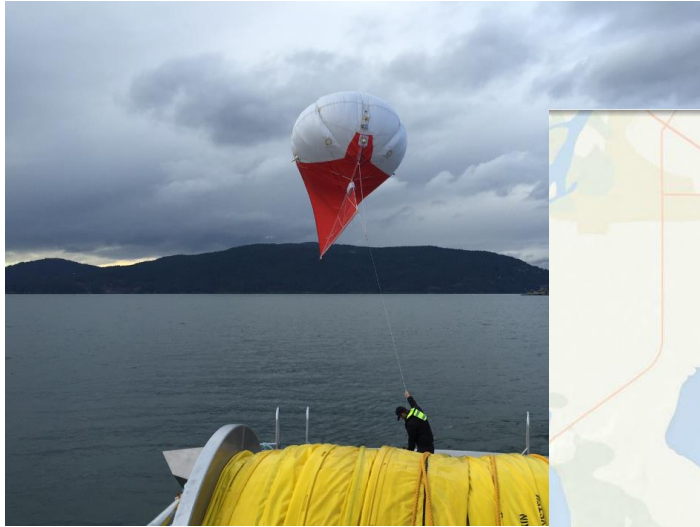


WCMRC Lessons Learned: Geographic Response Planning





WCMRC Lessons Learned: Response Strategies





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WCMRC Lessons Learned: Communications

- Standard Language for Public Info
- Darksite
- Involvement in Area Planning



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Areas of Discussion

1. Jeff Brady CCG Oil Spill Training/Exercise
2. Michael Lowry - Clean Up Strategies
3. Jennifer Mayberry - City Government Perspective
4. Patrick Novak -



Questions

1. Outstanding environmental impact assessment report status, Hemmera?
2. Kitsilano Coast Guard Station status
3. Sunk tug in harbour response?
4. Other shipping & traffic issues mitigation?
5. Abandoned vessels strategy?