



March 29, 2017





Agenda

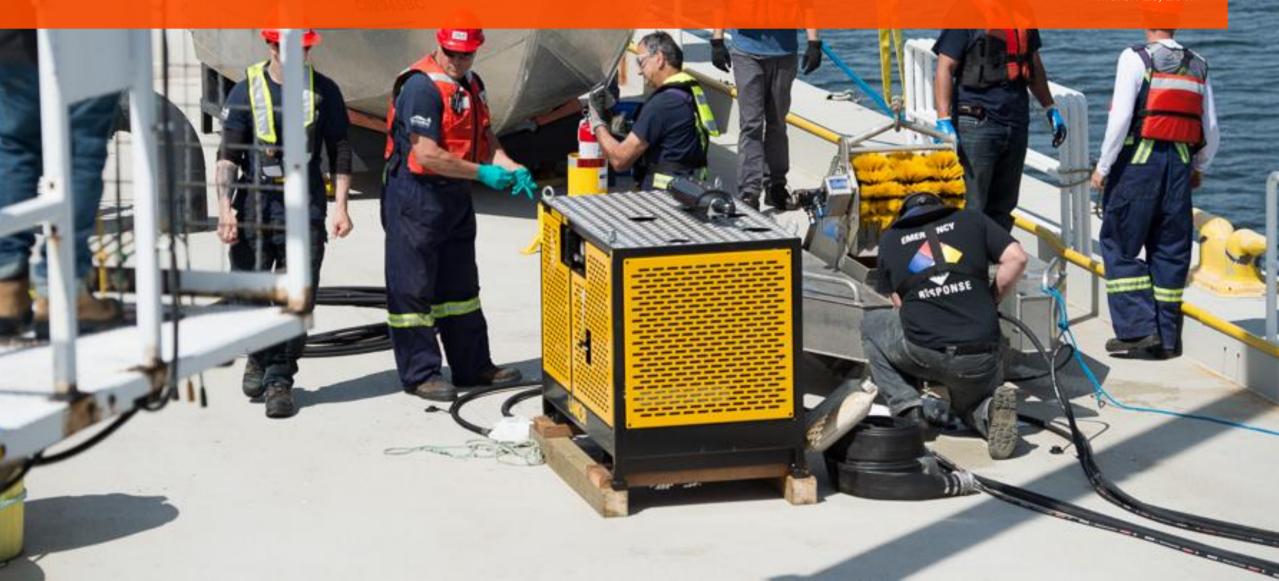
- Canada's Spill Response Regime
 - Tanker Safety Expert Panel
 - Oceans Protection Plan
- WCMRC
- Coastal Response Program
- Trans Mountain Expansion Project



Canada's Spill Response Regime



March 29, 2017









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

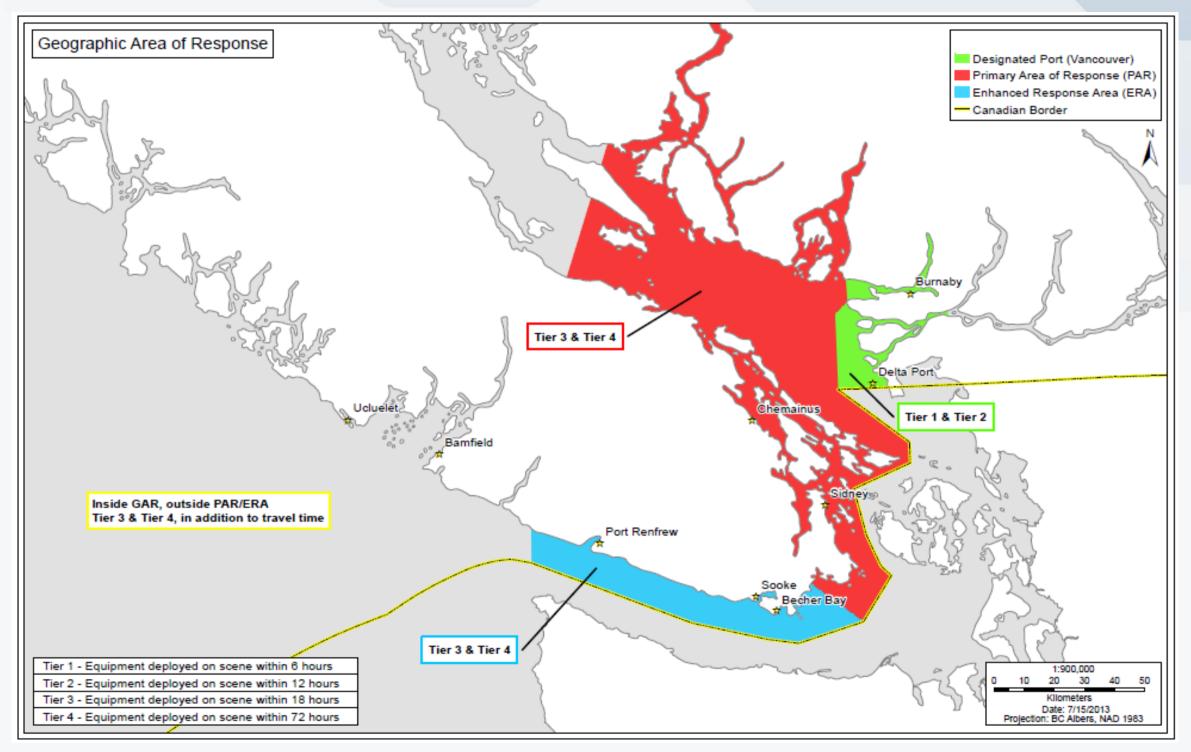






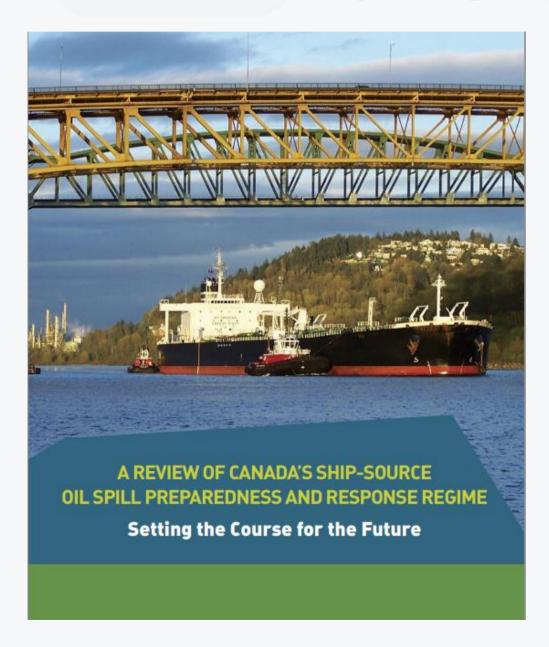








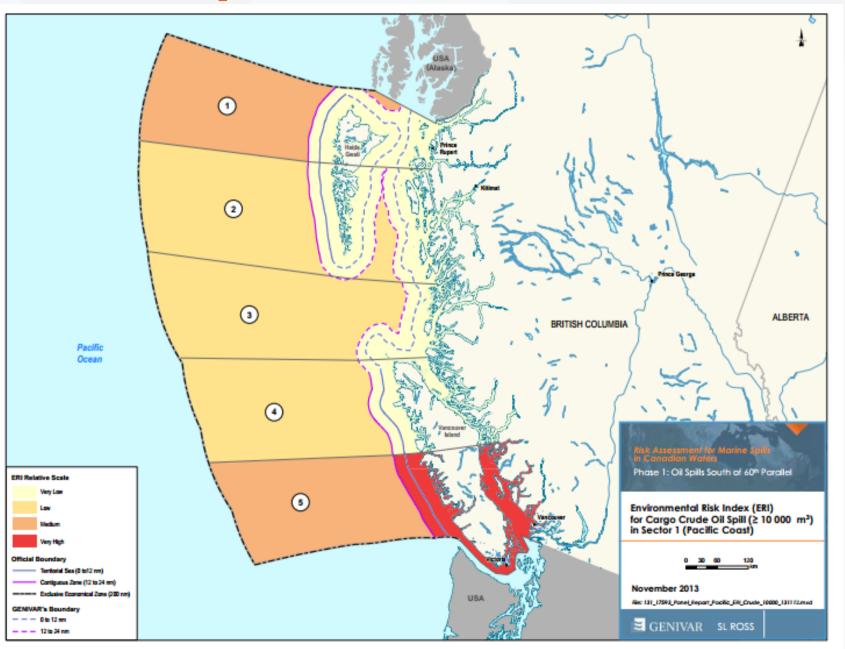
Tanker Safety Expert Panel







Area Response Plans





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









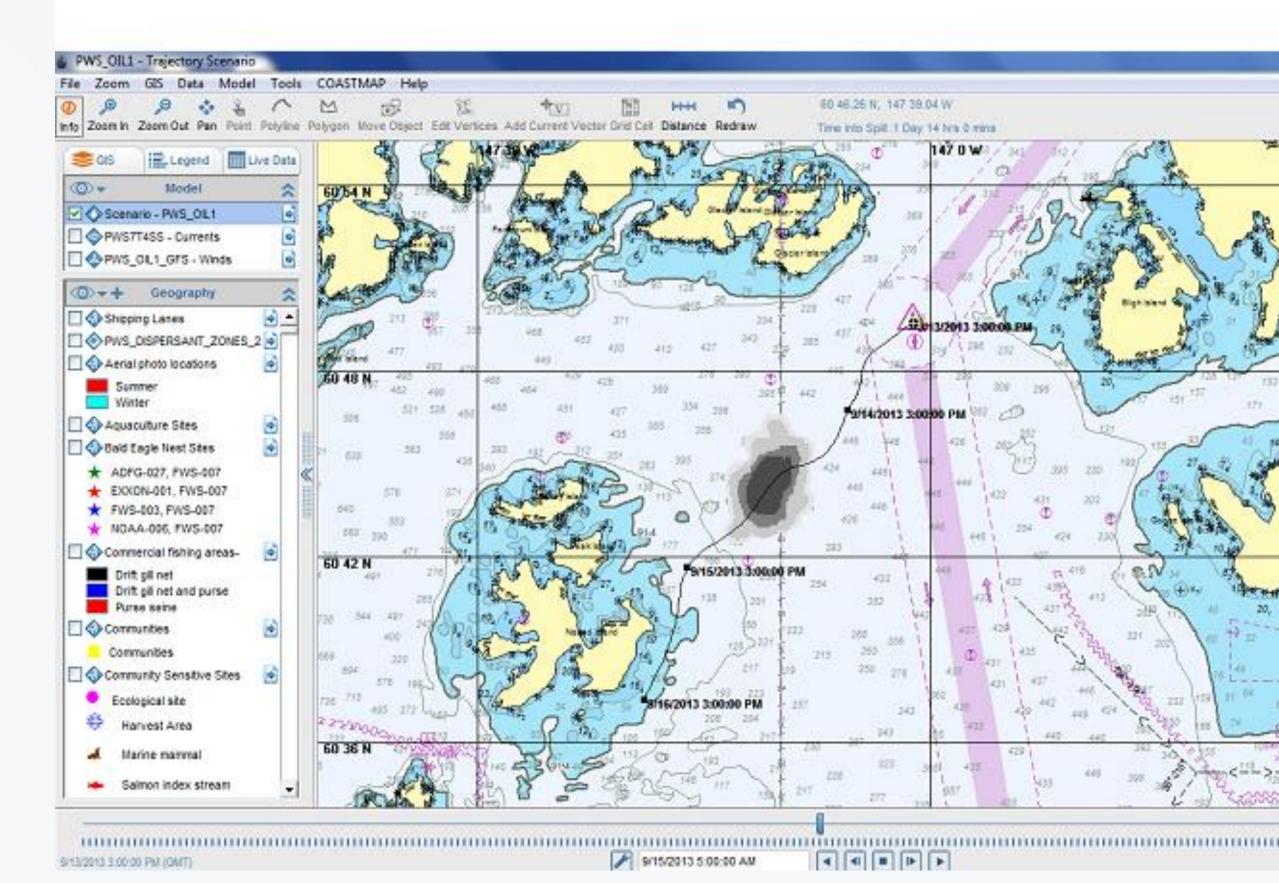
















WCMRC Vessel Design Scheme Concept 2 R2

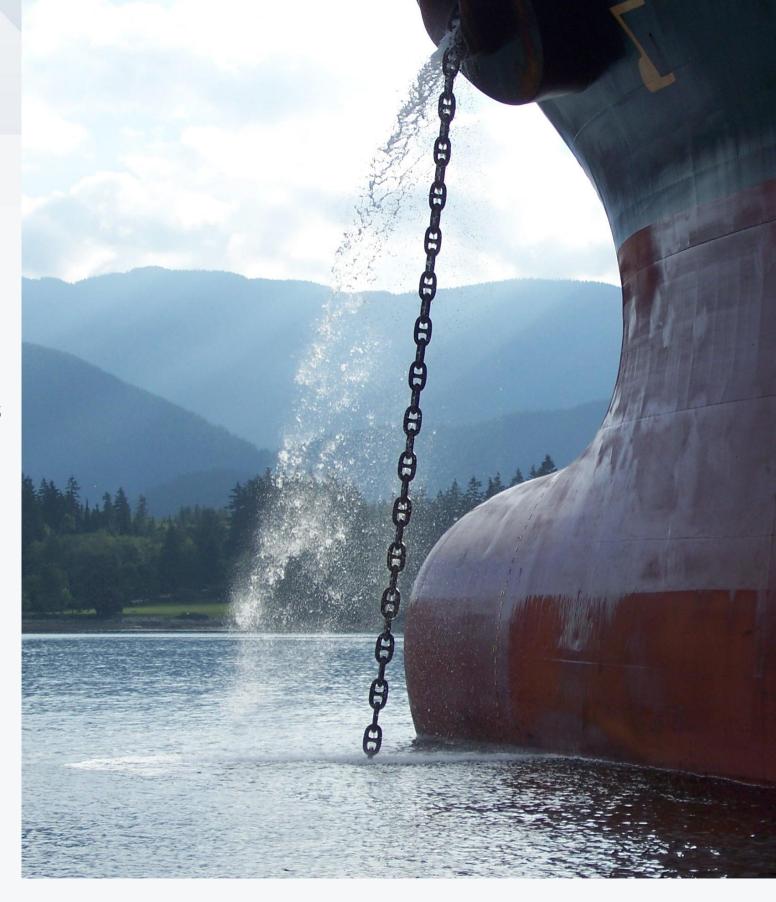




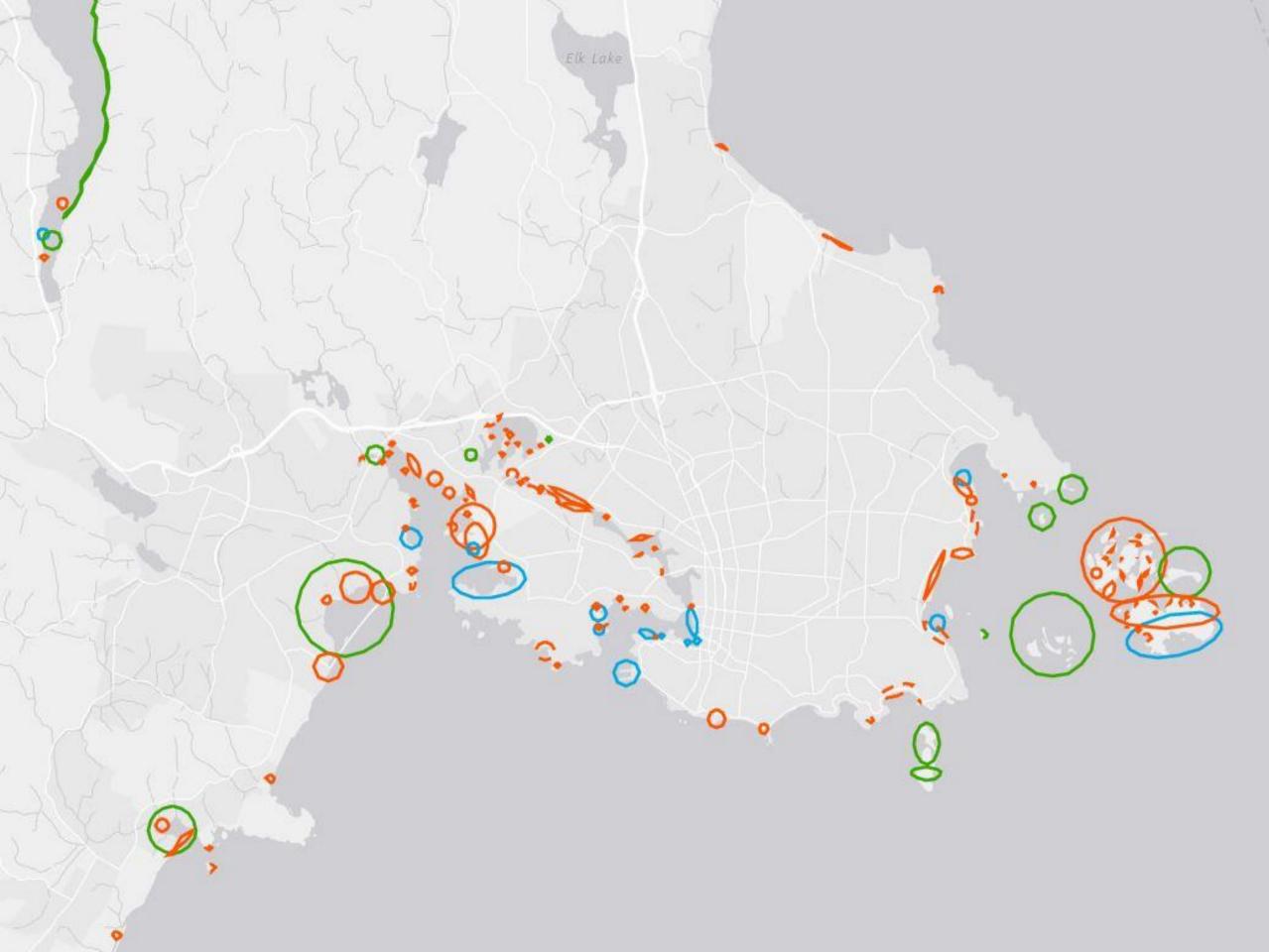


Funding

- +2,200 Members
 - Vessels
 - Oil Handling Facilities
- Subscribers
- 3rd Parties











Chatham Is	lands	Moderate	Priority					GRS	#	07-0	4-070
Location (N,W)	48° 26' 12" 123° 15' 9"		S	easonali	All Seas	ons					
Site Status	Site visited but not tested. 2015-0	6-08	P	hyident	15/11/0	496-	0543				
Waterbody	Baynes Channel/Plumper Passage										
Resources at Ris	k Ecological Reserve, Bird Colonies, C	Cultural Features, F	Park								
Strategy Objective	e Exclusion		Protect ecol	ogical an	d cultural fe	ature	s between	islands.			j
^	- CAS	-	b Boom 1 - 3			Boom 2 -	600 ft		Boom 3 -	650 ft	
			Name of Street	Lat		Anch	Lat	Long	Anch	Lat	Long
12000		(\-		1 48026' 1	5.5" 123°15'24.	4"	1 48°26' 21.5"	123015'7.1"	1	48°26' 24.9"	123014'39.9"
	1.54	A T		2 48°26' 1	7.8" 123°15'21.	1"	2 48º26'20.3"	123014'59.8"	2	48026'19.4"	123014'37.4"
			1.	-				A.	3	48°26'22.0"	123°14'37.5"
. 16.											
4.			4"			_					
4			25	- 8	_				9-8		
W. ". S.			(_			4			L		
7. 6	2		-								
. 3			10		4 - 1400 ft	Į,	Boom 5 -	_	chor	Boom 6 -	
			r .e	Lat	Long	Anchor	Lat	Long	Anch	Lat	Long
No.			1	1 48°25' 5	5.6" 123°14'54.	8"					
2.0				2 48°25'51	.9" 123°15'12.	6"		1			2
.5			13	3 48°25' 5	3.11" 123°15'2.8						
2			37	ļ.							
1	•										ļ
-	The state of the s										
	96.00	-		45							
			A		- 0	_					
Amazont	Recommended Equipment			Recommended Personnel							
Amount	Description		N	Number Personnel							
3000 feet 100 feet	General Purpose Bo 3/8" Polysteel	om		1		Supervisor					
4 or more	Danforth Anchor ki	te		2		Labourers Vessel Operators					
4 or more 8	Shoreline Anchor ki			2			ves	sei Operator	3		
2 Vessels	(1) Broadwater Craft (1) Lar		8 8								-
2 1 033013	(2) 2. 300 Hater Craft (1) Ear	9									



Chatham Isl	ands	GRS # 07-04-07					
Site Access	Boat Only	Restrictions Songhees First Nation					
Implementation	Anchor each boom end to shore, between islands and secure with deep water anchors as required to boom off inner inertial area.						
Staging Area	Victoria Harbour - Fleming Beach Boat Launch, 1101 Munro St, or James Bay Anglers Association, 75 Dallas Rd 250 389-6123.						
Safety Notes	Slips, trips and falls. High wind and strong currents. Shallow, rocks, kelp, eelgrass.						
Field Notes	Extremely exposed, may not be possible in high wind/current. Partial deployment to protect lagoon/estuary/saltmarsh may be possible depending on location of spill and tides. Protected areas - avoid landing.						
		A 128 RLUS CO (2) CHATHAN (3) ISLAND IR (2) ISLAND IR (2) ISLAND AY IS 37					
Site Contact Informa		Navigation Direction					
Songhees First Natio 250-386-1043	1	Remote site located to south east of Victoria Harbour in Juan De Fuca Straight near Haro Straight. This area is remote and exposed. Staging is from Victoria Harbour and boat access only. Sail east outside of Victoria Harbour to site. Note that tides, currents and wind action can make this area treacherous and may not be possible to boom.					
Nearest Address							
Offshore location, no	local address.						

Logistics Staging Area Plan

Logistics Staging Area:	LSA Name:	LSAP #:			
Tier 1	Pedder Bay Marina	LSA 07-05-02			
Site Latitude/Longitude:	Area Response Plan Zone:	Geographic Response Plan Zone:			
48°20'54.5"N 123°34'22.9"W	Area Plan – 7 Juan de Fuca Strait	GRP Area 5			

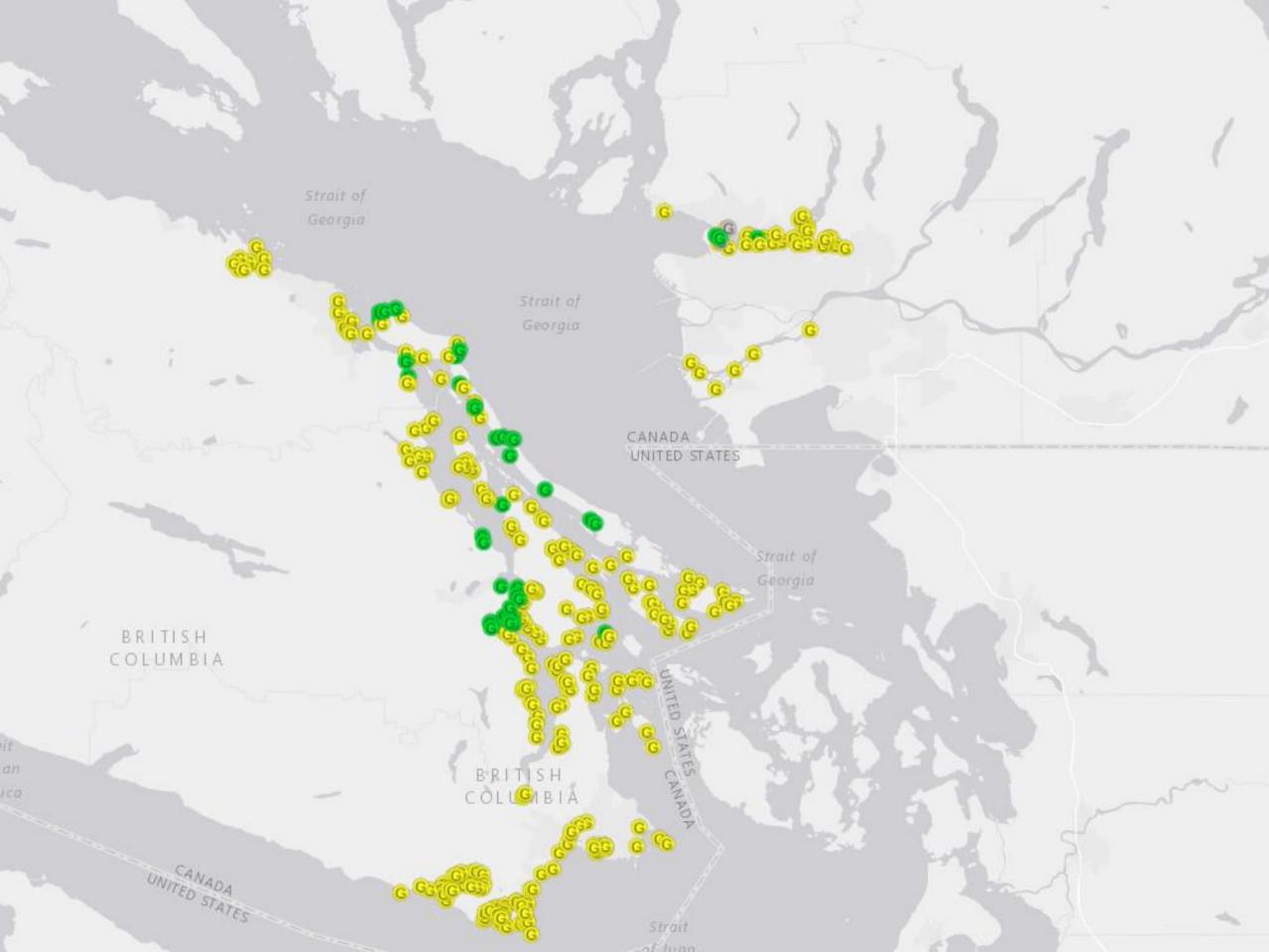


Site Info				
Asset:	Type/Status	Amount	<u>Info</u>	
Boat Ramp	Yes	3 Lane		
Boat Ramp Type	Pavement	~40 ft.	Wide	
Boat Dock	Yes	100-150'	Two docks	
Boat Refueling	Yes	2	127	
Restrooms	Yes	1-2	Marina	
Power	Unknown	-	Marina	
Water	Unknown	12	Marina	
Parking (Car)	Yes	~5,000 ft ²	Pavement	
Parking (Trailer)	Yes	~10,000 ft ²	Gravel/Dirt	
Waste Disposal	No	12	McRae's	
Telephones	No	-	Lodge	
Cell Phone Coverage	Yes	-	Local	
Estimated Lot Size	Parking Lot	~15,000 ft ²	Paved	
Lot Cover	Pavement	95%	Solid	
Covered Space	Yes	1 Building	Marina	
Perimeter Fenced/Gated	No	~700 ft		
User Fees	Yes	-	Boat Launch	

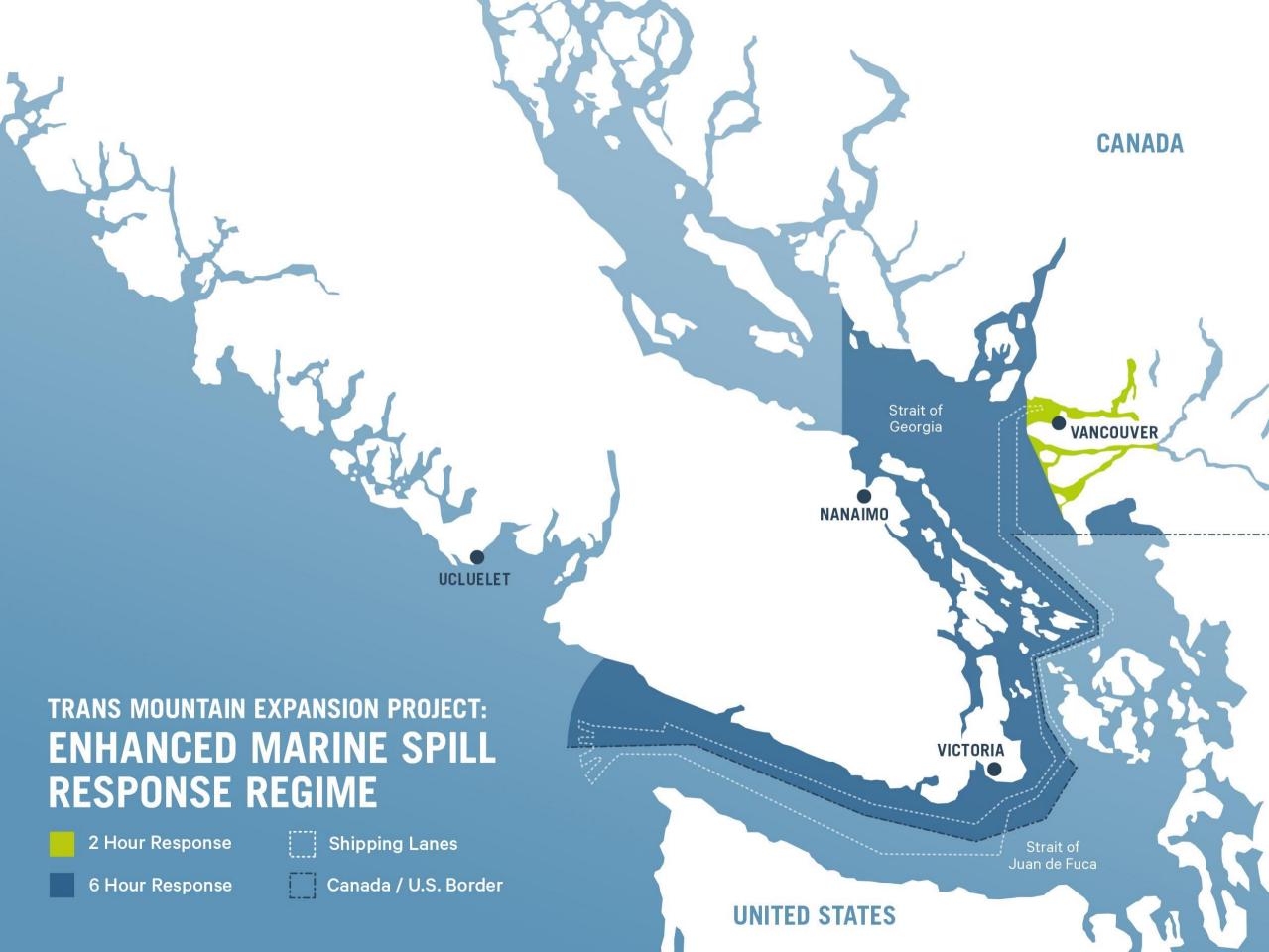
Geographic Response Strategies Served:

Geographic Response Strategies within Area Plan 7, GRP 5















WCMRC Potential Growth (estimates only)

	Personnel	Vessels	Bases
Current	65	42	3
Trans Mountain Enhancements	115	26	5-6
Total:	180	68	8-9



Thank-you!

