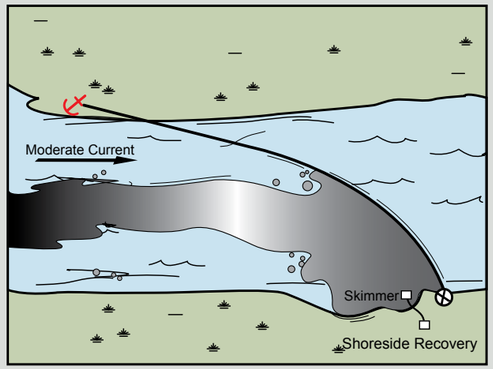
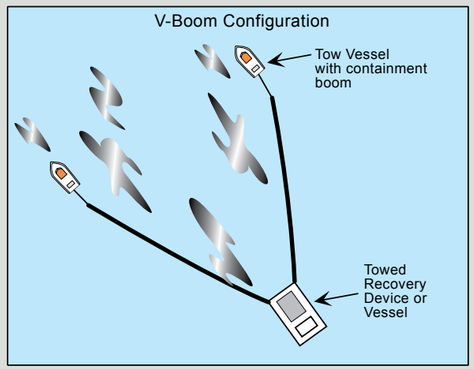
Geographic Response Strategies for Western Alaska Subarea, Southern Zone

Chagvan Bay, WAK-S14

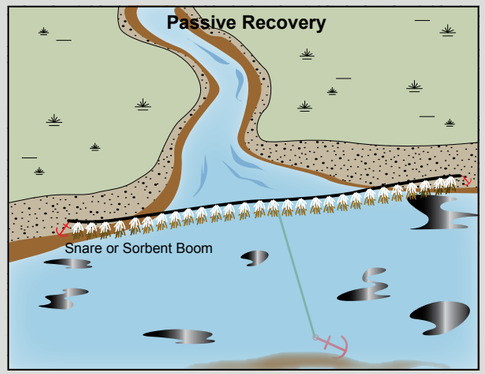
Center of map at 58° 46.29' N Lat., 161° 47.43' W Lon.



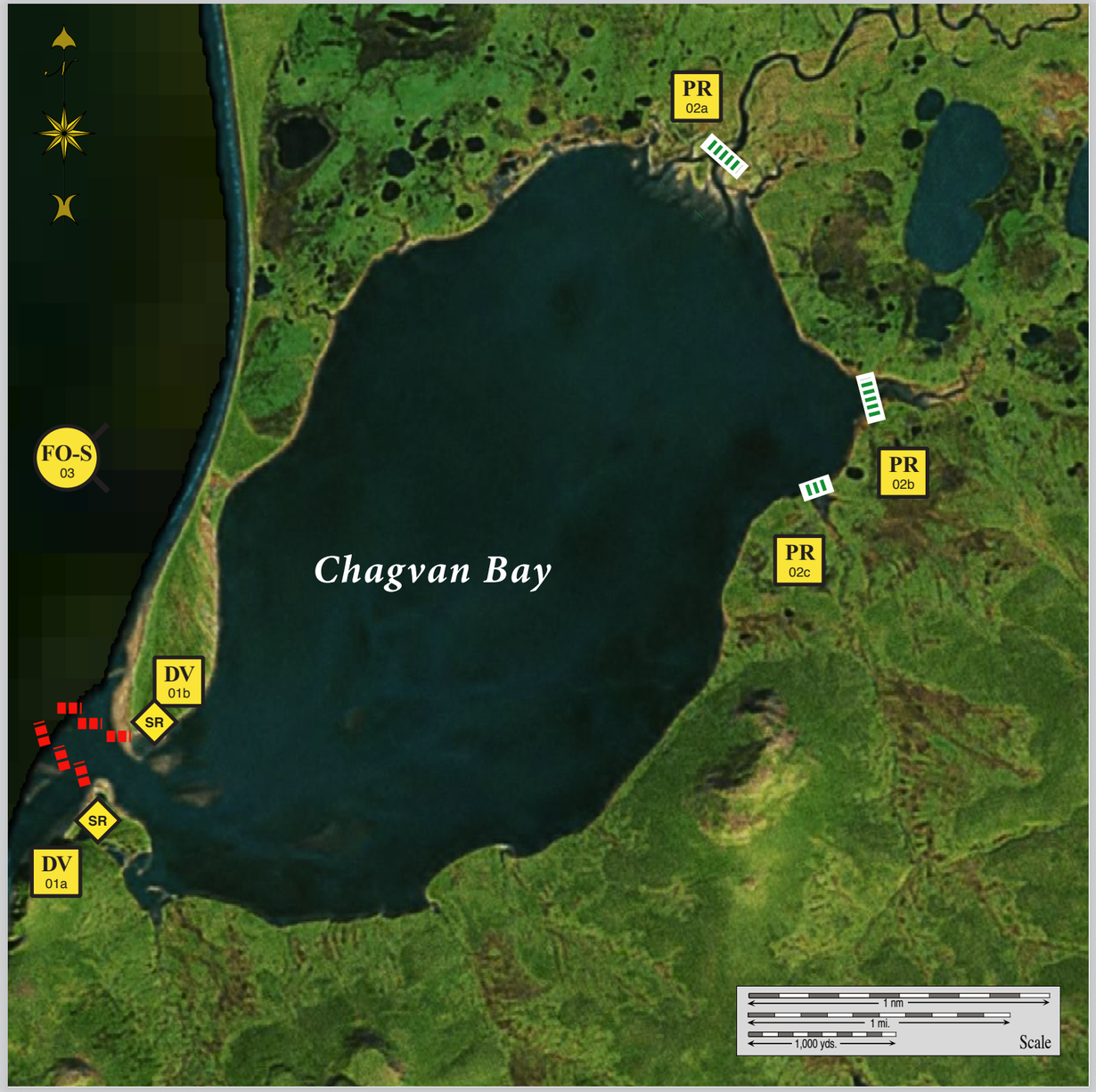
An example of the ***Diversion Booming Tactic***. Actual deployment should be adjusted for local conditions.



An example of the ***Free-oil Recovery Tactic***. Actual deployment should be adjusted for local conditions.



An example of the ***Passive Recovery Tactic***. Actual deployment should be adjusted for local conditions.



This is not intended for navigational use.

Map Legend

- FO-S — Free-oil Recovery
- DV — Diversion Booming
- PR — Passive Recovery
- SR — Shoreside Recovery
- Protected-water Boom
- Snare or Sorbent Boom

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-14-01 DV	**Chagvan Bay** Lat. 58º 45.63'N Lon. 161º46.33'W	**Divert and Collect** Divert oil to a shoreside collection location in the entrance into Chagvan Bay.	Deploy anchors and boom with skiffs (class 6). Identify the direction of the incoming oil and position the array in the path most likely to intercept oil. Cascade 3 sections of protected-water boom at the proper angle to divert incoming oil to the collection site. Set up shoreside collection unit and tend throughout the tide.	**Deployment** **Equipment** 900 ft. protected-water boom 9 ea. anchor systems 2 ea. anchor stakes 1 ea. shore-side recovery system **Vessels** 1 ea. class 3 1 ea. class 6 **Personnel/Shift** 5 ea. vessel crew/general techs 2 ea. response techs **Tending** **Vessels** 1 ea. class 3 1 ea. class 6 **Personnel/Shift** 3 ea. vessel crew/general techs 1 ea. skilled tech	Vessel Platform	Via marine waters Chart 16300	Fish- intertidal spawning-salmon (May-Sept.), herring (June) Birds-waterfowl concentration, eagle nesting, seabird nesting Marine mammals- seal, sealions Habitat- marsh, sheltered rocky shoreline, shelter tidal flats, exposed wavecut platforms Human use-subsistence, commercial fishing	Vessel master should have local knowledge. Use appropriate measures as outlined in the STAR manual to protect the shoreline. Title 41 permitting required from ADNR. THREATENED OR ENDANGERED SPECIES/ HABITAT POSSIBLE. Discuss with DOI prior to on-site operations. Surveyed: not yet Tested: not yet
S-14-02 PR	**Chagvan Bay** a. Lat. 58º 49.21'N Lon. 161º40.56'W b. Lat. 58º 47.94'N Lon. 161º39.00'W c. Lat. 58º 47.52'N Lon. 161º39.50'W	**Passive Recovery** Survey the area prior to deployment. Place passive recovery across entrances to the identified sloughs and other major cuts in Chagvan Bay.	Place and anchor snare line or sorbent boom across the channels of streams/sloughs in Chagvan Bay. Replace as necessary to maximize the recovery. Boom Lengths: a. 500 ft b. 500 ft c. 300 ft	**Deployment** **Equipment** 1300 ft. snare line or sorbent boom 5 ea. small anchor systems 12 ea. anchor stakes (Adjust equipment to reflect survey findings) **Vessels/Personnel/Shift** Same as S-14-02 **Tending** **Vessels/Personnel/Shift** Same as S-14-02	Vessel Platform	Via marine waters Chart 16300	Same as S-14-01	Vessel master should have local knowledge.
S-14-03 FO-S	**Chagvan Bay** Nearshore waters in the general area of: Lat. 58° 46.29'N Lon. 161°47.43'W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Chagvan Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Chagvan Bay. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Platnium	Via marine waters Chart 16300	Same as S-14-01	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Western Alaska Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_wak.htm.