

# Map & Photo Legend



Dry Spruce Bay EX-02a and EX-02b viewed from the northeast.



Dry Spruce Bay viewed from the west.

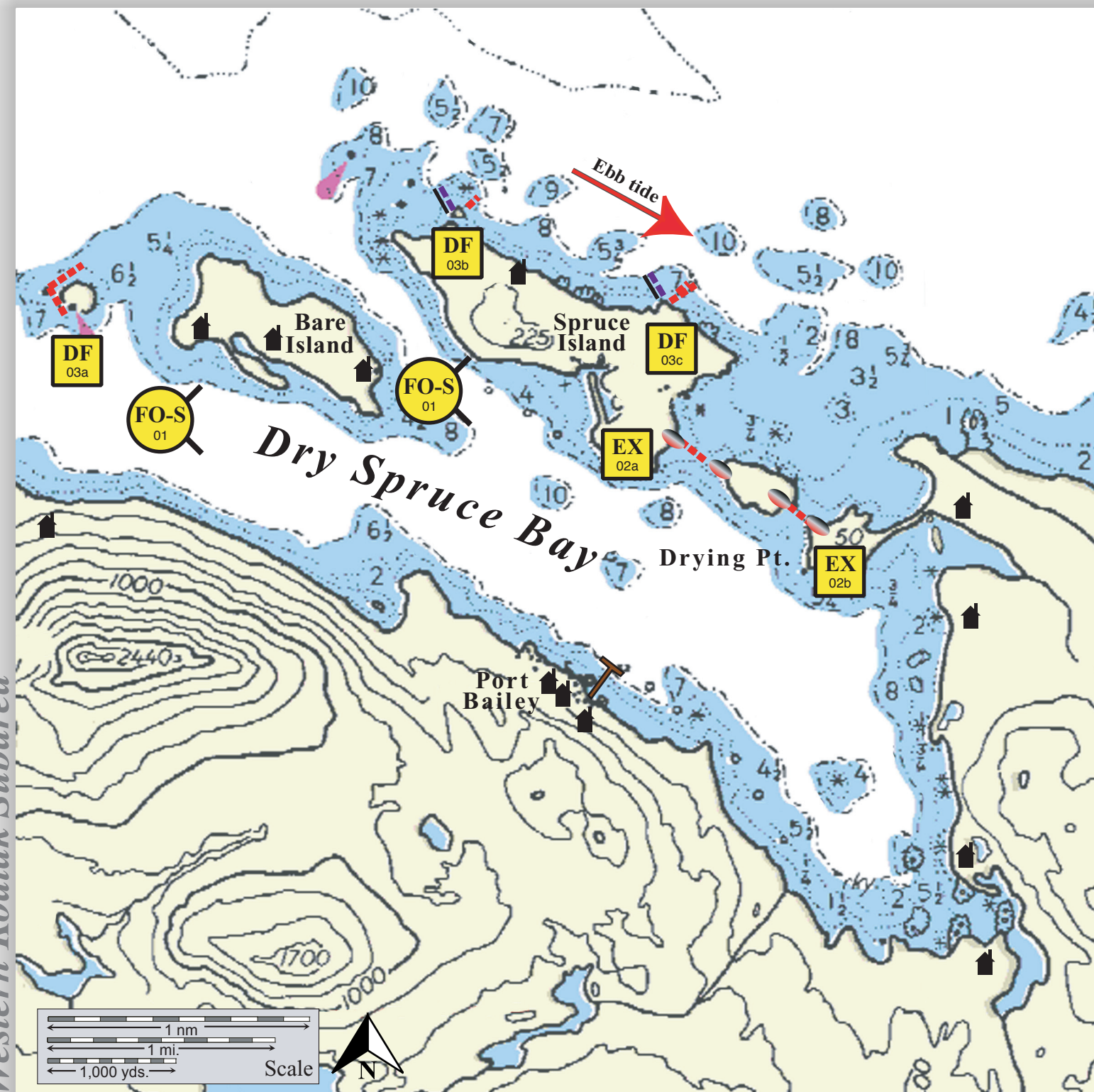
- Free-oil Containment and Recovery, Shallow Water
- Exclusion Booming
- Deflection Booming
- Protected-water Boom
- Protected-water Boom, Flood Tide
- Tidal-seal Boom
- Dock
- Private Cabins

## Geographic Response Strategies for

Western Kodiak Subarea

# Dry Spruce Bay, K-35




Center of map at 57° 56.6' N Lat., 153° 03.3' W Lon.



This is not intended for navigational use.

Soundings in fathoms



ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
K-35-01 	<b>Dry Spruce Bay</b> Nearshore waters in the general area of:  Lat. 57° 57.9 N Lon. 153°02.8 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Dry Spruce Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Dry Spruce Bay and in the 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.	Port Bailey	Via marine waters  Chart 16594-1	Same as K-35-02	Vessel masters should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
K-35-02 	<b>Dry Spruce Bay</b> a. Lat. 57° 56.86 N Lon. 153° 01.58 W  b. Lat. 57° 56.48 N Lon. 153° 00.91 W	<b>Exclusion</b> Exclude oil from impacting Dry Spruce Bay.	Deploy anchors and boom with skiffs (class 6).  Place protected-water boom between the islands to protect the environmentally sensitive areas.  On each array place 50 ft. tidal-seal on western shoreline and 100 ft. tidal seal on the eastern shoreline.  Tend throughout the tide.  <u>Boom Lengths:</u> a. 1500 ft. protected-water boom 150 ft. tidal-seal boom b. 900 ft. protected-water boom 150 ft. tidal-seal boom	<b>Deployment Equipment</b> 2600 ft. protected-water boom 300ft. tidal-seal boom 15 ea. small anchor systems 8 ea. anchor stakes <b>Vessels</b> 1 ea. class 3 2 ea. class 6 <b>Personnel/Shift</b> 7 ea. vessel crew <b>Tending Vessels</b> 1 ea. class 3/4 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew	Vessel platform  Numerous houses and cannery facilities are located in Dry Spruce Bay and may provide logistic support and lodging.	Via marine waters  Chart 16594-1	Fish- intertidal spawning- Herring (April-May)  Birds-waterfowl concentration seabird nesting, eagle nesting  Human Use- subsistence, commercial fishing, high recreation use  Marine mammals- seals, otters  Habitat- marsh, sheltered rocky shoreline, exposed tidal flat, gravel beaches	Vessel masters should have local knowledge.  FOSC Historic properties specialist should INSPECT site prior to operations.  Site surveyed: 7/22/05 KGRS Tactics Committee.  Tested: not yet
K-35-03 	<b>Dry Spruce Bay</b> a. Lat. 57° 57.44 N Lon. 153°06.27 W  b. Lat. 57° 57.63 N Lon. 153°03.44 W  c. Lat. 57° 57.38 N Lon. 153°01.67 W	<b>Deflection</b> Deflect oil coming from the northwest away from Dry Spruce Bay and back into the channel for free-oil recovery.  Switch boom deflection angle with the tide.	Deploy boom and anchor system with skiffs (class 6).  Position booms (b)&(c) at a proper angle to deflect oil from Dry Spruce Island. Switch with the tide.  Position (a) in a chevron pattern to deflect oil from the seabird colonies on the small island.  Tend throughout the tide.	<b>Deployment Equipment</b> 600 ft. protected-water boom 4 ea. medium anchor systems 4 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as K-35-02 <b>Tending Vessels/Personnel/Shift</b> Same as K-35-02	Vessel platform  Numerous houses and cannery facilities are located in Dry Spruce Bay and may provide logistic support and lodging.	Via marine waters  Chart 16594-1	Same as K-35-02  Array 03a is deployed to protect seabird colonies.	Vessel masters should have local knowledge.  Tested: not yet