

Map & Photo Legend



NE-12 Sawmill Bay viewed from the south.



NE-12 Western Sawmill Bay viewed from the northeast.



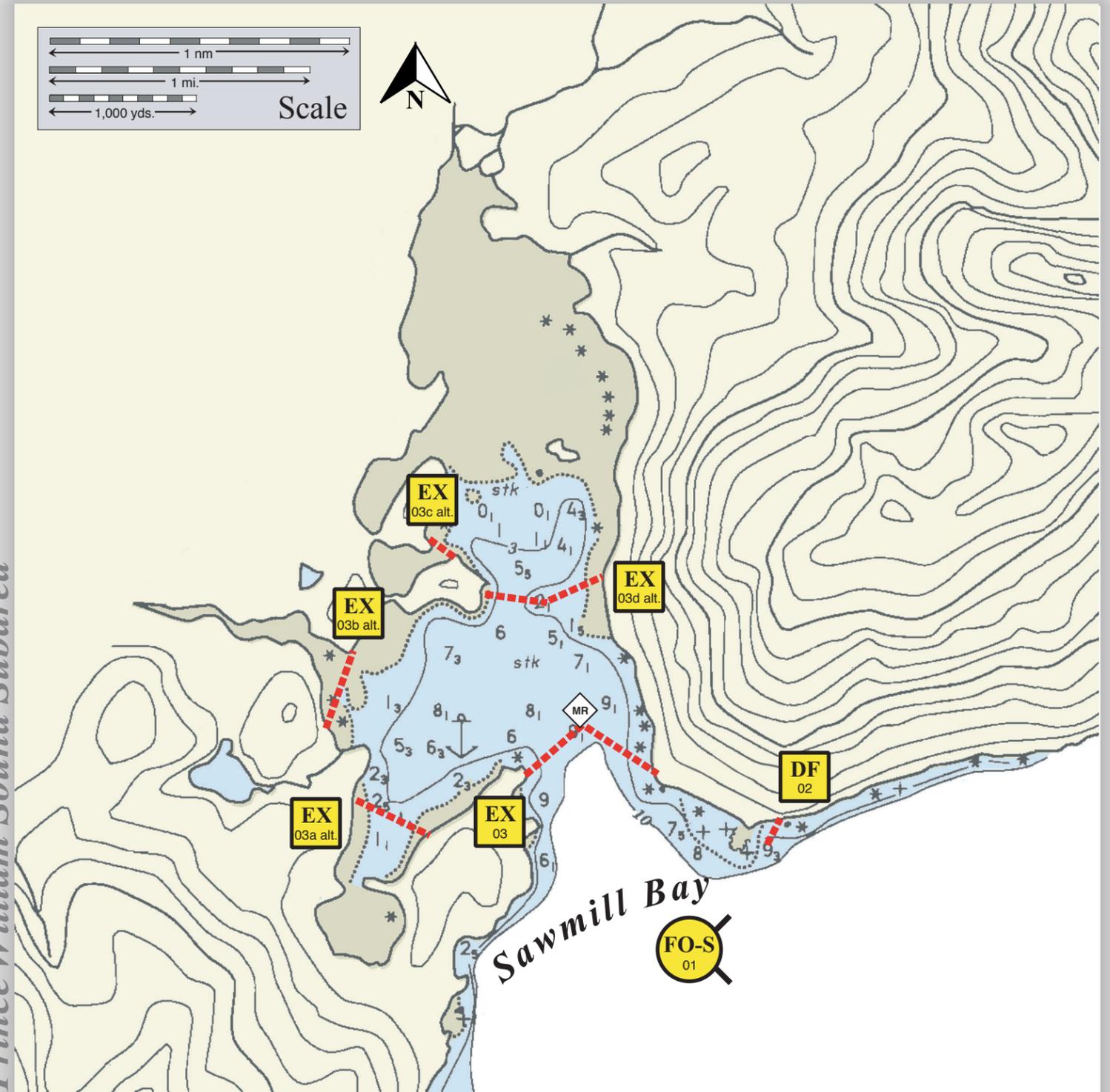
NE-12 Upper Sawmill Bay viewed from the east.

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Deflection Booming
-  Protected-water Boom
-  Marine Recovery

Sawmill Bay, PWS-NE12

Center of map at 60° 02.70' N Lat., 146° 47.10' W Lon.

Geographic Response Strategies for Prince William Sound Subarea



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
NE-12-01	Sawmill Bay Nearshore waters in the general area of: Lat. 61° 02.32 N Lon. 146°46.69 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Sawmill Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Sawmill 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.	Valdez	Via marine waters Chart 16707-1	Same as NE-12-02	Vessel master should have local knowledge. Site surveyed: 7/17/03 PWS GRS Tactics Committee
NE-12-02	Sawmill Bay Lat. 61° 02.59 N Lon. 146°45.90 W	Deflection Deflect oil away from Sawmill Bay and back into Valdez Arm for collection.	Transport equipment to site by marine vessel (class 2/3/4). Deploy boom and anchor system with fishing vessel or skiff (class 3/4/6). Position boom at appropriate angle to deflect oil from Sawmill Bay for free-oil recovery. Tend throughout the tide.	Deployment Equipment 600 ft. protected-water boom 2 ea. anchor systems (~40 lbs.) 1 ea. anchor systems (~200 lbs.) 2 ea. anchor stakes Vessels 1 ea. class 2 2 ea. class 3/4 2 ea. class 6 Personnel/Shift 14 ea. vessel crew Tending Vessels 2 ea. class 3/4 1 ea. class 6 Personnel/Shift 5 ea. vessel crew	Vessel platform	Via marine waters Chart 16707-1	Fish- intertidal spawning-salmon, herring (April-May) Birds- eagle nesting, waterfowl nesting, seabird foraging Habitat-marsh Human use- high recreational use (May-Sept.), anchorage	Vessel master should have local knowledge. This site is an Alaska State Marine Park. Site surveyed: 7/17/03 PWS GRS Tactics Committee Tested: not yet
NE-12-03	Sawmill Bay East anchor point Lat. 61° 02.87 N Lon. 146°46.54 W West anchor point Lat. 61° 02.51 N Lon. 146°48.20 W	Divert and Collect with Gate Divert oil entering Sawmill Bay to marine recovery unit.	Transport equipment by vessel (class 3/4). Deploy anchors and boom with skiffs (class 6). Place protected-water boom at the proper angle to divert oil to marine recovery. Establish a gate to allow for access to anchorage. Set up marine recovery and tend throughout the tide.	Deployment Equipment 2200 ft. protected-water boom 11 ea. anchor systems (~20 lbs.) 4 ea. anchor stakes 1 ea. marine recovery unit Vessels/Personnel/Shift Same as NE-12-02 Tending Vessels/Personnel/Shift Same as NE-12-02	Vessel platform	Via marine waters Chart 16707-1	Same as NE-12-02	Vessel master should have local knowledge. Site surveyed: 7/17/03 PWS GRS Tactics Committee Tested: not yet
NE-12-03 Alt. Alternative deployment	Sawmill Bay a. Lat. 60° 03.15 N Lon. 146°46.99 W b. Lat. 60° 03.28 N Lon. 146°47.57 W c. Lat. 60° 02.80 N Lon. 149°26.57 W d. Lat. 61° 03.15 N Lon. 146° 46.99 W	Exclusion Exclude oil from impacting the marsh and streams in Sawmill Bay. Deploy if sea state conditions preclude the deployment of NE-10-03	Transport equipment by vessel (class 2/3/4). Deploy anchors and boom with skiffs (class 6). For array (a) place protected-water boom around the stream and intertidal area in a chevron pattern. For (b) and (c) place boom directly across the designated areas. Tend throughout the tide. <u>Boom Length:</u> a. 2200 ft. b. 1600 ft. c. 1400 ft. d. 2200 ft.	Deployment Equipment 5200 ft. protected-water boom 26 ea. anchor systems (~20 lbs.) 12 ea. anchor stakes Vessels Same as NE-12-02 Personnel/Shift Same as NE-12-02 Tending Vessels/Personnel/Shift Same as NE-12-02	Vessel platform	Via marine waters Chart 16707-1	Same as NE-12-02	Vessel master should have local knowledge. Title 41 permitting required from AKDNR. Site surveyed: 7/17/03 PWS GRS Tactics Committee Tested: not yet