

Map
& Photo

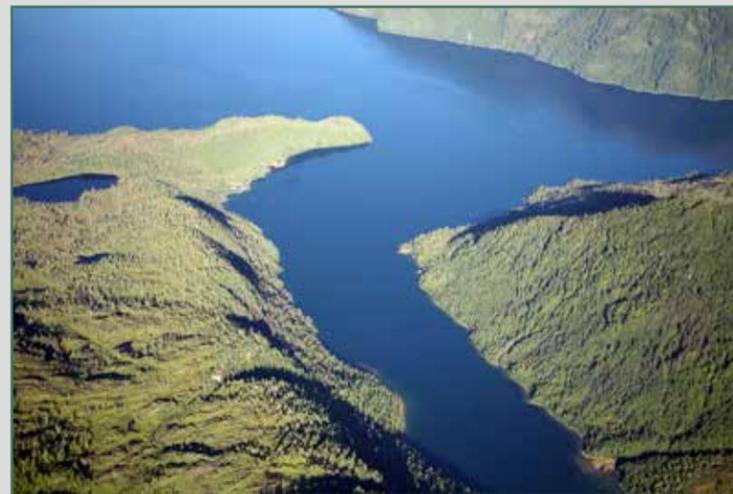
Legend



The head of Mummy Bay viewed from the northeast.



EX-03a viewed from the north.



Thumb Bay viewed from the east.

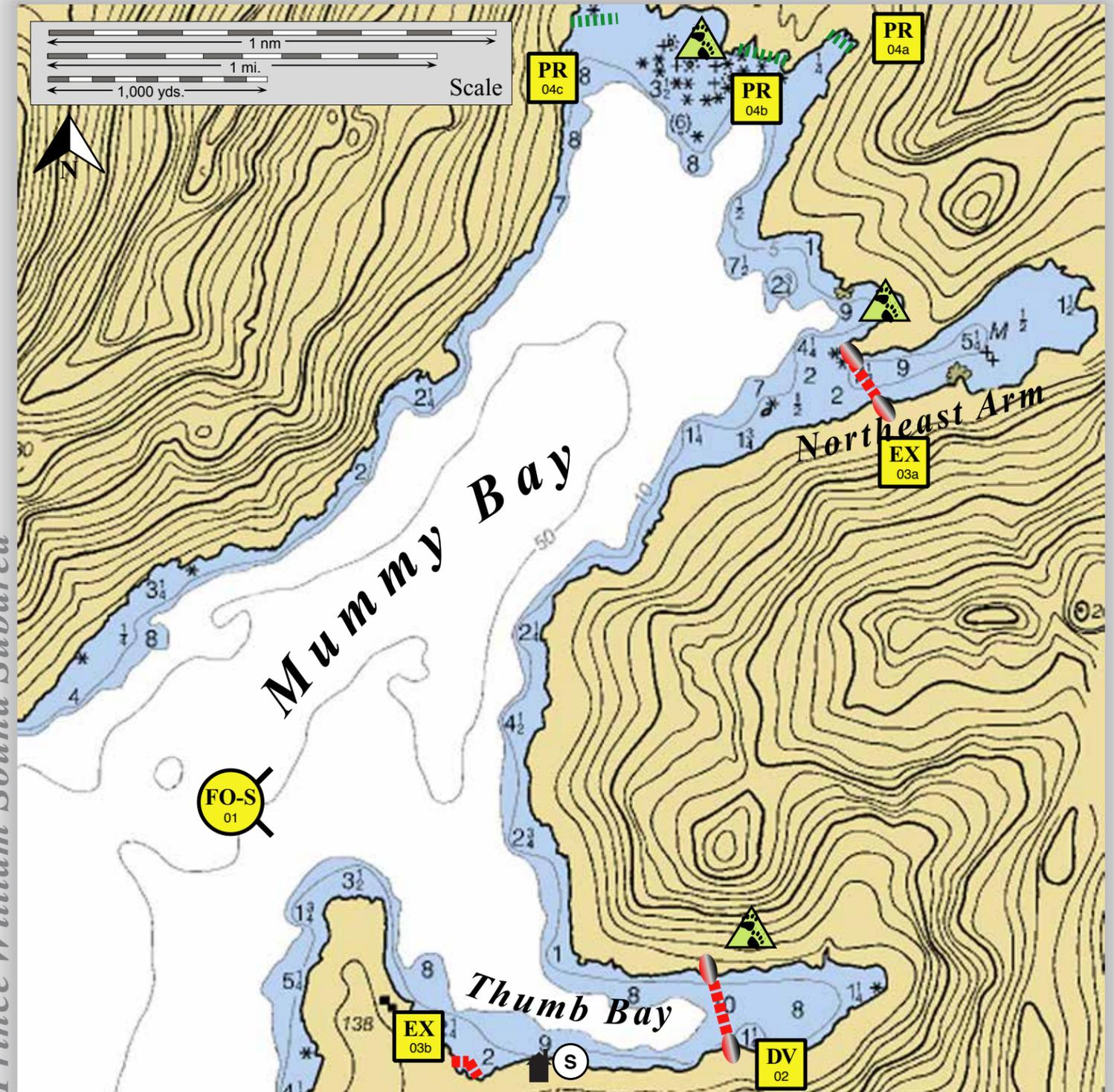
-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Diversion Booming
-  Passive Recovery
-  Protected-water Boom
-  Tidal-seal Boom
-  Snare or Sorbent Boom
-  Staging Area
-  Lodge
-  Bears in Area, Guards Recommended

Geographic Response Strategies for

Prince William Sound Subarea

Mummy Bay, PWS-SW-15

Center of map at 60° 12.74' N Lat., 147° 52.21' 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
PWS SW-15-01 	Mummy Bay Nearshore waters in the general area of: Lat. 60°12.89'N Lon. 147°50.07'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Mummy Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Mummy 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.	Whittier	Via marine waters Chart 16702-1	Same as SW-15-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
PWS SW-15-02 	Mummy Bay-Thumb Bay Lat. 60°12.34'N Lon. 147°47.97'W	Divert and Collect Divert oil to shoreside recovery location on the beach of the peninsula in Thumb Bay.	Deploy anchors and boom with skiffs (class 6). Place 60 ft. of tidal-seal boom on each shoreline and complete with 1200 ft. of protected-water boom. Position at a proper angle to divert incoming oil to the shoreside recovery sites. Use passive recovery if oil amounts are not significant enough for skimmer operations. Set up recovery site and tend throughout the tide.	Deployment Equipment 1200 ft. protected-water boom 120 ft. tidal-seal boom 6 ea. anchor systems 4 ea. anchor stakes 1 ea. shoreside recovery system and/or sorbent materials Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 5 ea. vessel crew/general techs 2 ea. skilled tech 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 16702-1	Fish- intertidal spawning- salmon (May-Sept.) Birds-waterfowl concentration Marine mammals- seals, otters Habitat- marsh, sheltered rocky, shoreline Human use-High recreational use, remote lodge, commercial fishing	Vessel master should have local knowledge. Tested: not yet Use shoreside protection measures as outlined in the "Spill Tactics for Alaska Responders" (STAR) Tactics Manual.
PWS SW-15-03 	Mummy Bay a. Lat. 60°13.71'N Lon. 147°47.31'W b. Lat. 60°12.22'N Lon. 147°49.09'W	Exclusion Exclude oil from impacting the identified streams and intertidal areas in Mummy Bay.	For (a) place 60 ft. tidal-seal boom on each shore and complete each array with protected-water boom. Configure(b) in a chevron pattern with protected-water boom in front of the small stream and intertidal area. Tend throughout the tide. <u>Boom Lengths:</u> a. 1000 ft. b. 200 ft.	Deployment Equipment 1200 ft. protected-water boom 120 ft. tidal-seal boom 6 ea. anchor systems 8 ea. anchor stakes Vessels/Personnel/Shift Same as SW-15-02 Tending Vessels/Personnel/Shift Same as SW-15-02	Vessel platform	Via marine waters Chart 16702-1	Same as SW-15-02	Vessel master should have local knowledge. Title 16 Fish Habitat Permit required from ADF&G. A population of bears is present during salmon runs. A bear guard is required. Tested: not yet
PWS SW-15-04 	Mummy Bay a. Lat. 60°14.41'N Lon. 147°47.49'W b. Lat. 60°14.39'N Lon. 147°47.86'W c. Lat. 60°14.53'N Lon. 147°48.46'W	Passive Recovery Place and anchor passive recovery across the identified streams.	Approach the identified streams on the rising tide. Place and anchor 200 ft. of snare or sorbent boom across the mouths of each designated salmon streams at the high tide mark. Replace as necessary to maximize the recovery.	Deployment Equipment 600 ft. snare or sorbent boom 9 ea. anchor stakes Vessels/Personnel/Shift Same as SW-15-02 Tending Vessels/Personnel/Shift Same as SW-15-02	Vessel platform	Via marine waters Chart 16702-1	Same as SW-15-02	Use snare boom for persistent oils and sorbent boom for non-persistent oils. Title 16 Fish Habitat Permit required from ADF&G.