

# Map & Photo Legend



Back of Bear Bay, PR-04a, b, & c viewed from the south.



Bear Bay viewed from the east.



-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Deflection Booming
-  Passive Recovery
-  Protected-water Boom
-  Snare Boom
-  Tidal-seal Boom
-  Bears in Area, Guards Recommended

EX-03 viewed from the east.

## Geographic Response Strategies for Mainland Kodiak Subarea

# Bear Bay, K-61

Center of map at 57° 50.03' N Lat., 155° 11.7' 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
KGRS-61-01 	<b>Bear Bay</b> Nearshore waters in the general area of: Lat. 57° 50.1 N Lon. 155°11.4 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Bear Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Bear 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.	Vessel Platform	Via marine waters  Chart 16575-1	Same as KGRS-61-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs, rocks and extensive tidal flats.
KGRS-61-02 	<b>Bear Bay</b> Lat. 57° 50.79 N Lon. 155°11.74 W	<b>Deflection</b> Deflect oil away from Bear Bay shoreline and back into the channel for free-oil recovery.	Deploy boom and anchor system with skiffs (class 6).  Position the cascaded booms, taking into consideration the local currents and tidal influence, extending from shore to deflect oil.  If necessary, let the array flag on the ebb tide.	<b>Deployment Equipment</b> 600 ft. protected-water boom 6 ea. small anchor systems <b>Vessels</b> 1 ea. class 3 2 ea. class 6 <b>Personnel/Shift</b> 7 ea. vessel crew/general techs <b>Tending Vessels</b> 1 ea. class 3/4 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew/general techs	Vessel platform	Via marine waters  Chart 16575-1	Fish- intertidal spawning-salmon (May-Sept.)  Birds-Seabird nesting, waterfowl concentrations, eagle nesting  Marine mammals- seals, otters  Habitat- marsh, eel grass beds, sheltered rocky shoreline, sheltered tidal flats  Human Use-high recreational use, wildlife viewing. commercial fishing.	Vessel master should have local knowledge.  THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE/PRESENT.  Site survey: not able to survey due to weather.  Tested: not yet
KGRS-61-03 	<b>Bear Bay</b> Lat. 57° 51.49 N Lon. 155°11.26 W	<b>Exclusion</b> Exclude oil from impacting the identified salmon stream and marsh adjacent to Bear Bay.	Deploy anchors and boom with skiffs (class 6) at high tide.  Place 60 ft. of tidal-seal boom across the stream mouth.  Tend throughout the tide.	<b>Deployment Equipment</b> 60 ft. tidal-seal boom 1 ea. small anchor systems 4 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as KGRS-61-02 <b>Tending Vessels/Personnel/Shift</b> Same as KGRS-61-02	Vessel platform	Via marine waters  Chart 16575-1	Same as KGRS-61-02	Vessel master should have local knowledge.  Title 41 - Fish Habitat Permit required from ADNR.  A large population of bears forage on the tidal flats in the spring and are present during salmon runs. A bear guard is required during these periods.  Tested: not yet
KGRS-61-04 	<b>Bear Bay</b> a. Lat. 57° 52.18 N Lon. 155°13.34 W b. Lat. 57° 52.35 N Lon. 155°14.90 W c. Lat. 57° 51.75 N Lon. 155°15.29 W	<b>Passive Recovery</b> Place passive recovery across the mouths of the designated salmon streams.	Approach the identified streams and intertidal areas on rising tide.  Place and anchor snare or sorbent boom across the mouths of the designated salmon streams and intertidal areas.  Replace as necessary to maximize the recovery.  <u>Boom Lengths:</u> a. 60 ft. b. 60 ft. c. 60 ft.	<b>Deployment Equipment</b> 180 ft. snare or sorbent boom 6 ea. anchor stakes <b>Vessels/Personnel/Shift</b> KGRS-61-02 <b>Tending Vessels/Personnel/Shift</b> KGRS-61-02	Vessel platform	Marine  Chart 16575-1	Same as KGRS-61-02	Use snare boom for persistent oils and sorbent boom for non-persistent oils.