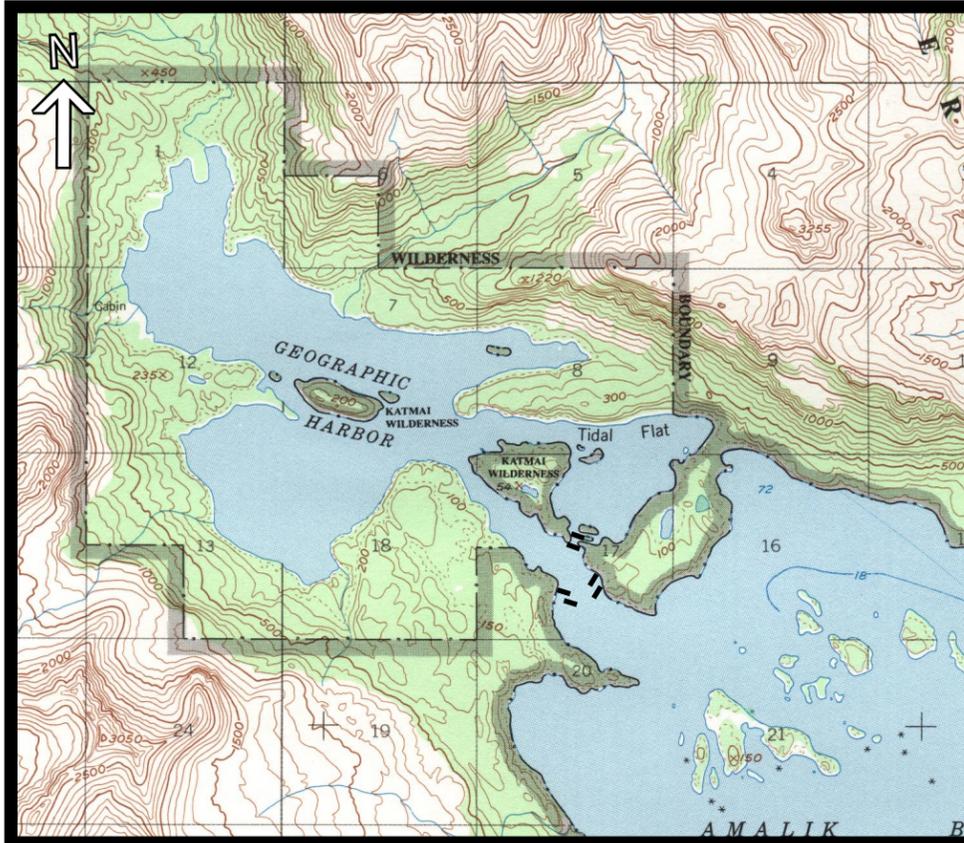




# Kodiak GRS K-14

## Geographic Harbor



See Introduction for boom angle recommendations

**Latitude/Longitude:** N 58° 5' 23" / W 154° 32' 36"

**Location:** Geographic Harbor, Amalik Bay, Katmai National Park. NOAA Chart No. 16576, USGS MT Katmai A-2 Quad.

**Response Objective:** Prevent oil from entering Geographic Harbor.

**Shoreline Characteristics:** Sheltered rocky shores, scarps, sheltered tidal flats and mixed sand and gravel beaches.

**Site Access:** Geographic Harbor is only accessible by vessel, helicopter or float plane.

**Staging Area:** Larsen Bay landing strip equipment location.

**AS THE CIRCUMSTANCES OF THE EMERGENCY ALLOW:**

**A. Response Strategy:**

1. Maximize on-water recovery in the off shore-near shore environment.
2. Utilize sufficient vessels of opportunity to deploy deflection and exclusion boom as shown in photos.
3. Beginning at the high tide line, anchor one end of the boom, then use vessels of opportunity to tow out the other end. Stretch it tightly and drop anchors as necessary to secure.
4. Deploy primary and secondary exclusion boom as shown in photo to limit migration of oil into tidal flat.
5. Monitor the boom as oil hits to ensure that angles are correct. Be aware of changes in tides, winds and currents.

**B. Response Considerations:**

This strategy is designed to protect Geographic Harbor. Monitor situation closely to designate recovery points to minimize shoreline impact. If more boom is available install a backup section of boom.

**C. Historic Properties Considerations:**

FOSC Historic Properties Specialist should INSPECT site prior to operations.

**Currents, Tides & Winds:** Winds variable with northwest winds prevailing. Evaluate wind speed/direction at time of response. Average tidal range is 15 ft. Consult local charts for tides.

**Wildlife Considerations:** Geographic Harbor supports runs of Pink Alaskan Salmon and is also a herring habitat. Salmon runs begin in May and occur continuously through November. The most common marine mammals are harbor seals, sea lions, sea otters and harbor porpoise. Geographic Harbor also has seabird and eagle concentrations as well as brown bear. More resource activity occurs on the outside of Geographic Harbor in Amalik Bay. Inner area important to brown bear for feeding. Seabird colonies, marine mammal areas, and sea duck areas all outside of narrows. Kinak Bay (next bay north) has a small harbor seal rookery of 80-100 animals.

**Risk Factors:** Spill risks include vessel traffic through Shelikof Strait, as well as into Geographic Harbor and Amalik Bay.

**Human Use:** Subsistence salmon fishing, clam harvesting and crabbing. Commerical salmon fishing. Bear watching.



EQUIPMENT RECOMMENDED		NEAREST EQUIPMENT (Larsen Bay) City Hall (907)847-2211	
QUANTITY	DESCRIPTION	QUANTITY	DESCRIPTION
2500'	8" x 10" Boom	3000'	8" x 10" Containment boom
16	40 lb anchoring systems	1200'	17" x 19" Sorbent pads (3M)
2	Tow bridles	30	Sorbent sweep bundles
2 (min)	Class 4 or higher vessels	150'	Parker snare on rope
		12	Tow bridles
		36 rolls	Heavy duty bags
		3	Wringers
		3	Overpack drums
			No anchors

Refer to Kodiak Subarea Contingency Plan for additional regional equipment lists.

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