



# Kodiak GRS K-5

## Barling Bay



**Latitude/Longitude:** N 57° 13' 38" / W 153° 24' 45"

**Location:** Barling Bay, Old Harbor. NOAA Chart No. 16592, USGS Kodiak A-5 Quad.

**Response Objective:** Prevent oil from entering salmon stream.

**Shoreline Characteristics:** Sheltered rocky shores, scarps and salt marsh.

**Site Access:** Barling Bay is accessible by helicopter, float plane or vessel. Direct air miles from Old Harbor landing strip to Barling Bay is 3.3 miles.

**Staging Area:** Old Harbor landing strip.

**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 to deploy boom length connected sections of boom, 10 anchoring systems and two tow bridles from Old Harbor dock.
3. Deploy boom in half-moon configuration across mouth of Barling Bay salmon stream. Deploy secondary boom as shown in photos.
4. Back boom with sorbent sweep and seal the boom to shore with additional sweep.
5. Be aware of changes in tides, winds and currents.

**B. Response Considerations:**

This strategy is designed to protect the Barling Bay salmon stream. Monitor situation closely to designate recovery points to minimize shoreline impact.

**C. Historic Properties Considerations:**

REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist.



**Currents, Tides & Winds:** Winds variable with northwest winds prevailing. Evaluate wind speed/direction at time of response. Average tidal range is 12 ft. Consult local charts for tides.

**Wildlife Considerations:** Barling Bay supports runs of all five Alaskan salmon species. Salmon runs begin in May and occur continuously through November. Barling Bay also has seabird and eagle concentrations as well as occasional brown bear. Sea duck and murrelet winter concentrations around headland (point) on south side entrance of bay; summer, murrelets only. Occasional sea otters.

**Risk Factors:** Spill risks include vessel traffic in and around Sitkinak Strait.

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

**Note:** A new community tank farm is expected to be completed in 2001 in the village of Old Harbor.

EQUIPMENT RECOMMENDED		NEAREST EQUIPMENT (Old Harbor) City Hall (907)286-2204	
QUANTITY	DESCRIPTION	QUANTITY	DESCRIPTION
1000'	8" x 10" Boom	3000'	8" x 10" Containment boom
10	40 lb anchoring system	1200'	17" x 19" Sorbent pads (3M)
1000'	Sorbent sweep	30	Sorbent sweep bundles
2 (min)	Class 5 vessels	150'	Parker snare on a rope
2	Tow bridles	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.

October 2001



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