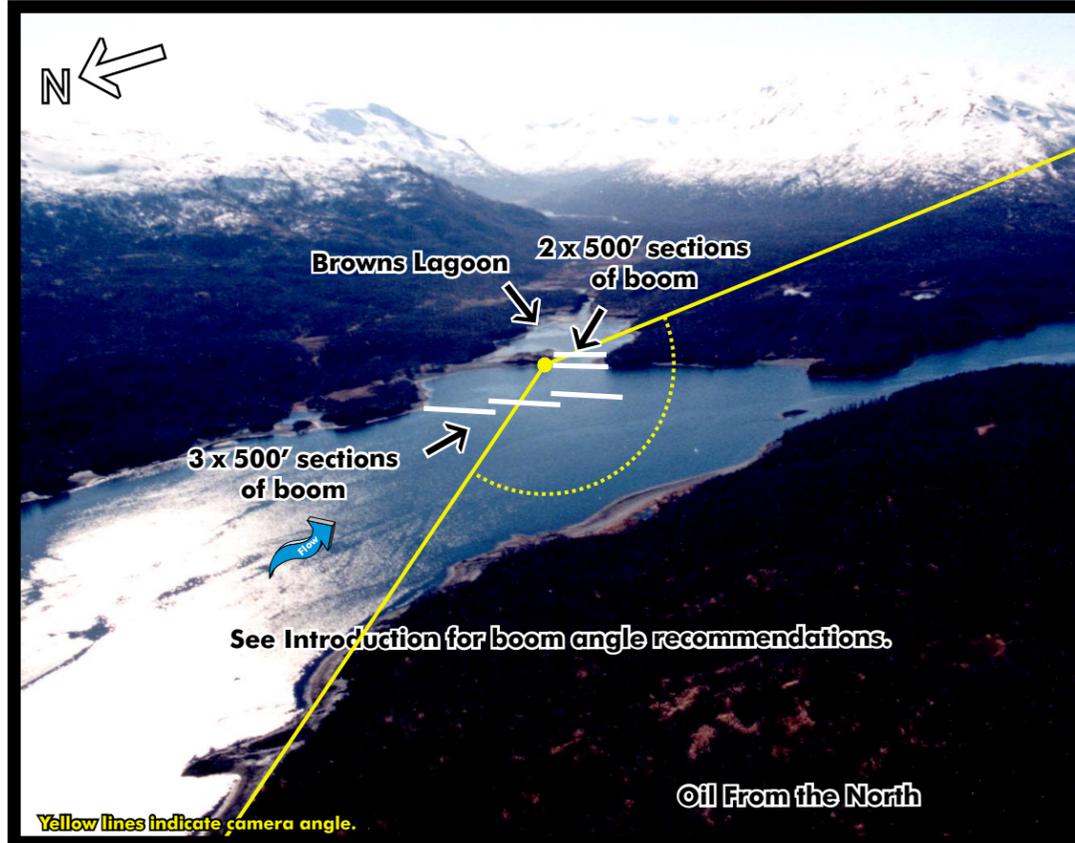
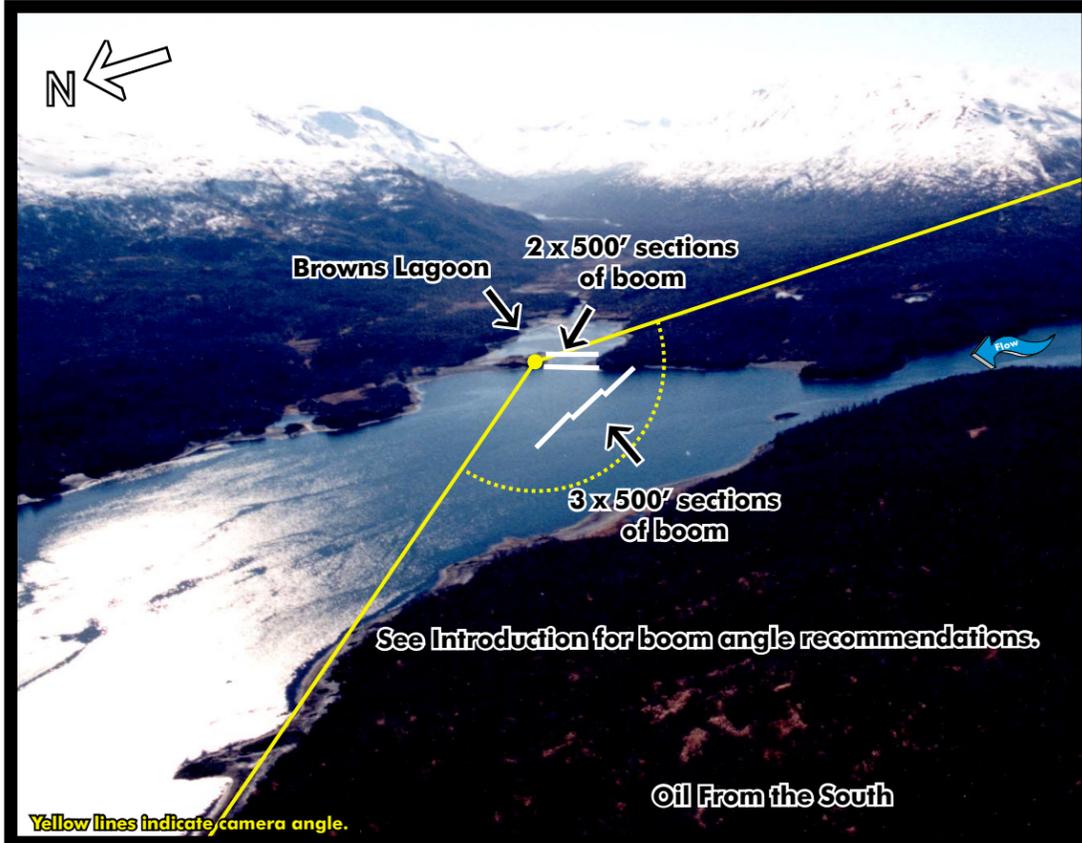




# Kodiak GRS K-13

## Browns Lagoon



**Latitude/Longitude:** N 57° 32' 19" / W 153° 48' 56"

**Location:** Browns Lagoon, Uyak Bay. NOAA Chart No. 16597, USGS Kodiak C-6 Quad.

**Response Objective:** Prevent oil from entering Browns Lagoon.

**Shoreline Characteristics:** Sheltered rocky shores, scarps and gravel beaches.

**Site Access:** Browns Lagoon is only accessible by helicopter, vessel or float plane. The distance (direct air miles) from Larsen Bay landing strip to Browns Lagoon is 6.5 miles.

**Staging Area:** Larsen Bay 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. Beginning at the high tide line on the shore, deploy the first 500' section of boom by anchoring one end to the beach (north or south trajectory). Additional anchors necessary in rough weather (wind/current).
3. Use vessels of opportunity to tow the other end out from the shore (see diagram), stretch it tightly and drop anchor to hold. Adjust the angle of the boom to account for high/low winds or current to prevent entrapment.
4. Once the angle of the boom segments is established, deploy the remaining two segments of boom in the same manner as the first (see diagram).
5. Deploy primary and secondary exclusion boom across inlet to Browns Lagoon. Seal boom to shore with sorbents.
6. 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 Browns Lagoon. Monitor situation closely to designate recovery points to minimize shoreline impact.

**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:** Browns Lagoon supports runs of all five Alaskan salmon and is also a herring habitat. Salmon runs begin in May and continue through November. The most common marine mammals are sea otters and harbor seals. Browns Lagoon also supports seabird and eagle concentrations as well as occasional brown bear activity. Sea ducks, loons, grebes, black oystercatchers, harlequins, pigeon guillemots.

**Risk Factors:** Spill risks include vessel traffic through Uyak Bay and Shelikof Strait.

**Human Use:** Subsistence salmon fishing, clam harvesting and crabbing. Browns Lagoon is a protection priority for the community of Larsen Bay.

October 2001

**EQUIPMENT RECOMMENDED**

QUANTITY	DESCRIPTION
2000'	8" X 10" Boom
14	40 lb anchoring systems
200'	Sorbent sweep
2 (min)	Class 5 or higher vessels
6	Tow bridles

**NEAREST EQUIPMENT (Larsen Bay)**

City Hall (907)847-2211	
QUANTITY	DESCRIPTION
3000'	8" x 10" Boom
1200'	17" x 19" Sorbent pads (3M)
30	Sorbent sweep bundles
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.

## Kodiak GRS K-13



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