**Yellow lines indicate camera angle.**

**Oil From the South**

**See Introduction for boom angle recommendations**

**4 x 500’ sections of boom**

**Oil From the North**

**See Introduction for boom angle recommendations**

**4 x 500’ sections of boom**

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**EQUIPMENT RECOMMENDED**

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>12</td>
<td>10’ x 16’ Boom</td>
<td>3000</td>
<td>10’ x 16’ Boom</td>
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<tr>
<td>12</td>
<td>60 lb anchoring systems</td>
<td>500” 3’ x 6’ Boom</td>
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<td>6</td>
<td>Tow Bridles</td>
<td>31</td>
<td>22 lb anchors</td>
</tr>
<tr>
<td>2 (min)</td>
<td>Class 3 vessels</td>
<td>10</td>
<td>40 lb anchors</td>
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<tr>
<td>4</td>
<td>Tow Bridles</td>
<td></td>
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<tr>
<td>3 cases</td>
<td>Snares</td>
<td>67 bales</td>
<td>Sweep</td>
</tr>
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</table>

**NEAREST EQUIPMENT**

USCG MSD Kodiak (907)486-5918

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**Buskin River**

**Latitude/Longitude:** N 57° 45' 41" / W 152° 28' 35"

**Location:** St. Paul’s Harbor north of the Kodiak State Airport. NOAA Chart Number 16595, USGS Kodiak D-2 Quad.

**Response Objective:** Deflect oil away from the mouth of the Buskin River.

**Shoreline Characteristics:** Sand and gravel beach.

**Site Access:** Mouth of the Buskin River is accessible from Kodiak road system (Rezanof Drive to Buskin River Road) and also by vessel from boat harbor and Womens Bay. Limited vehicle access to mouth but easy access on foot.

**Staging Area:** Parking lot and picnic area near mouth of river. Closest storage area is connex boxes at USCG Al-Station Kodiak. Warehouse space nearby (approx. 1 mile away) at State Airport.

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

A. **Response Strategy:**

1. Maximize on-water recovery in the offshore-nearshore environment.
2. Beginning at the high tide line on the shore approximately 1500’ north or south (depending on tide/current/spill source) of the mouth of the Buskin River, deploy the first 500’ section of boom by anchoring one end on the beach. Additional anchors necessary in rough weather (wind/current).
3. Use vessels of opportunity to tow the other end out, stretch it tightly and drop the anchor to hold. Deploy 3 anchors per boom segment. Adjust the angle of the boom to account for high/low winds or current to prevent entrainment.
4. Once the angle of the boom segments is established, deploy the remaining three segments of boom in the same manner as the first (see diagram).
5. Monitor the boom as oil hits to ensure that angles are correct. Be aware of changes in tides, winds and currents.
6. Exclusion boom may also be deployed at Buskin River Bridge 1 (not shown in photos) if necessary. Deploy primary and secondary boom backed with sorbent boom.
7. Seal boom to shore with sorbents.

B. **Response Considerations:**

**Risk Factors:** Spill risks include vessel traffic in and around the harbor and the Coast Guard Base. Large upland storage of diesel, gasoline, and jet fuel at U.S. Coast Guard Base. Large upland storage in the city of Kodiak. Ocasional freighter and tank vessel traffic in Womens Bay.

**Wildlife Considerations:** The Buskin River supports runs of all five Alaskan salmon species. Salmon runs begin in May and continue through November. Sea lions are found in the area. The Buskin River has eagle and seabird concentrations as well as occasional brown bear activity. Stellar’s eiders and Emperor geese present October to May. Occasional sea otters.

**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.

**Human Use:** Road accessibility and healthy salmon runs make the Buskin River one of the most popular recreational fishing sites in Kodiak. Commercial salmon fishing is also prevalent. There are public campsites adjacent to the Buskin and a picnic area at the mouth.

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**Developed By:**

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