

# Map & Photo Legend



Spiridon Bay viewed from the west.



Anguk Islands viewed from the west.



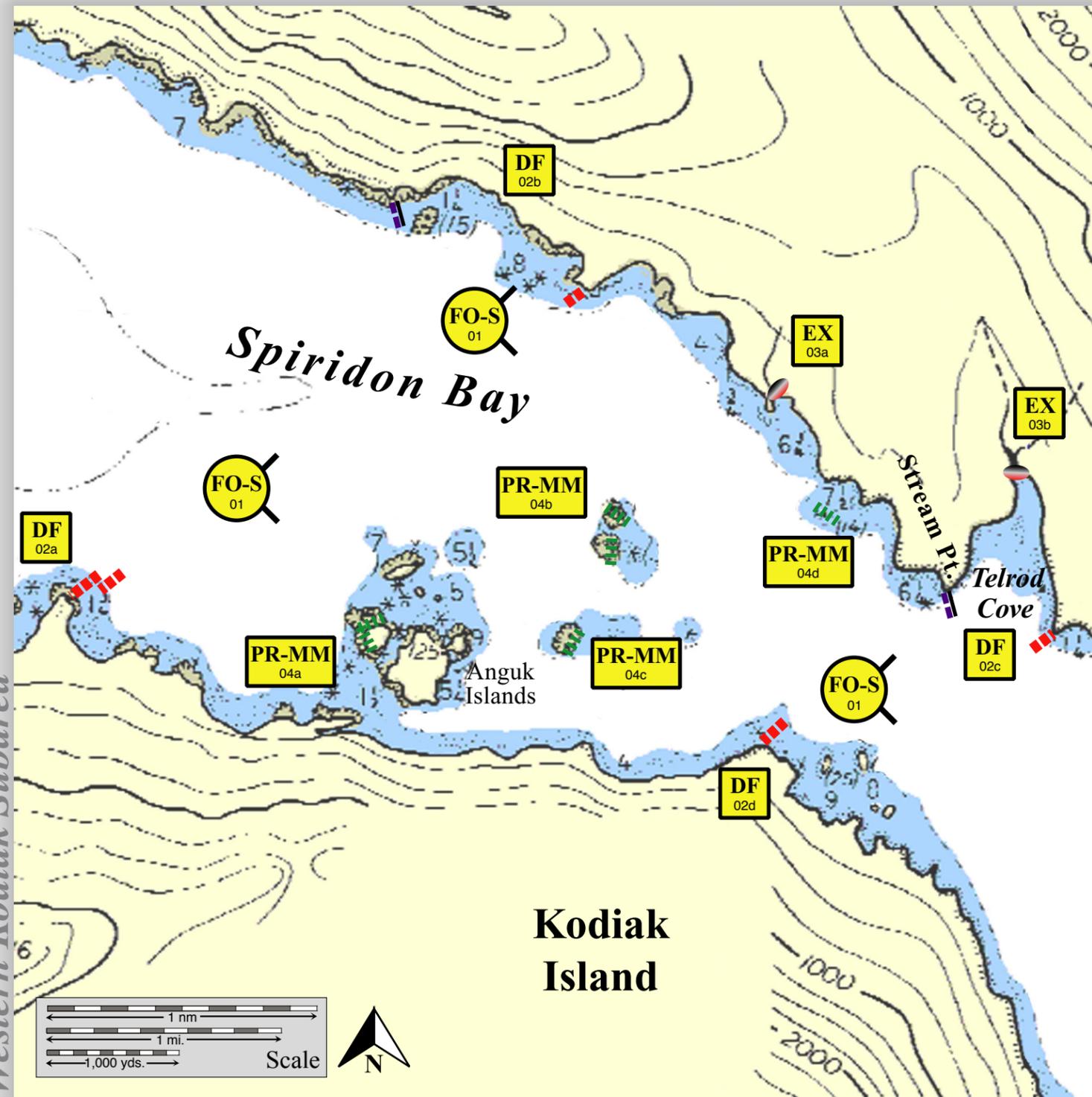
Telrod Cove viewed from the southwest.

- Free-oil Containment and Recovery, Shallow Water
- Exclusion Booming
- Deflection Booming
- Passive Recovery and Collection, Marine Mammal
- Protected-water Boom
- Protected-water Boom, Flood Tide
- Tidal-seal Boom
- Snare Line

## Geographic Response Strategies for Western Kodiak Subarea

# Spiridon Bay, K-26

Center of map at 57° 39.5' N Lat., 153° 41.7' 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  |
|--|---|--|---|---|-----------------|------------------------------------|--|---|
| K-26-01<br>   | <b>Spiridon Bay Islands</b><br>Nearshore waters in the general area of:<br>Lat. 57° 39.4 N<br>Lon. 153° 42.8 W  | <b>Free-oil Recovery</b><br>Maximize free-oil recovery in the offshore & nearshore environment of Spiridon Bay Islands depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of Spiridon Bay Island.<br><br>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.   | Larsen Bay      | Via marine waters<br>Chart 16597-1 | Same as K-26-02  | Vessel master should have local knowledge.<br><br>Use extreme caution, shoal waters with numerous reefs and rocks.  |
| K-26-02<br>   | <b>Spiridon Bay</b><br>a. Lat. 57° 38.96 N<br>Lon. 153° 44.53 W<br>b. <i>Flood tide</i><br>Lat. 57° 40.41 N<br>Lon. 153° 42.30 W<br><i>Ebb tide</i><br>Lat. 57° 40.09 N<br>Lon. 153° 41.05 W<br>c. <i>Flood tide</i><br>Lat. 57° 38.98 N<br>Lon. 153° 37.79 W<br><i>Ebb tide</i><br>Lat. 57° 38.85 N<br>Lon. 153° 37.76 W<br>d. Lat. 57° 38.42 N<br>Lon. 153° 39.72 W | <b>Deflection</b><br>Deflect oil away from Spiridon Bay Islands and back into the channel for free-oil recovery.   | Deploy boom and anchor system with skiffs (class 6).<br><br>All booms are 300 ft. of protected-water boom.<br><br>Position booms at a proper angle to deflect oil from Spiridon Bay Islands<br><br>Tend throughout the tide.<br><br><u>Boom Lengths:</u><br>a. 1200 ft.<br>b. 600 ft.<br>c. 600 ft.<br>d. 600 ft. | <b>Deployment Equipment</b><br>3000 ft. protected-water boom<br>15 ea. small anchor systems<br>12 ea. anchor stakes<br>Vessels<br>2 ea. class 3<br>4 ea. class 6<br><b>Personnel/Shift</b><br>14 ea. vessel crew<br><b>Tending Vessels</b><br>1 ea. class 3<br>2 ea. class 6<br><b>Personnel/Shift</b><br>5 ea. vessel crew | Vessel platform | Via marine waters<br>Chart 16597-1 | Fish- intertidal spawning-salmon (May-Sept.), herring(April-May), dolly varden<br><br>Human Use- commercial fishing, subsistence<br><br>Birds-seabird nesting, waterfowl concentration, eagle nesting<br><br>Marine mammals- seals, otters<br><br>Habitat- marsh, sheltered rocky shoreline, sheltered tidal flats | Vessel master should have local knowledge.<br><br>FOSC Historic properties specialist should INSPECT site prior to operations.<br><br>Site surveyed: 7/21/05 KGRS Tactics Committee.<br><br>Tested: not yet |
| K-26-03<br> | <b>Spiridon Bay Streams</b><br>Stream<br>a. Lat. 57° 39.70 N<br>Lon. 153° 38.68 W<br><br>Telrod Cove<br>b. Lat. 57° 39.45 N<br>Lon. 153° 40.93 W  | <b>Exclusion</b><br>Exclude oil from impacting the identified streams Spiridon Bay.  | Deploy anchors and boom with skiffs (class 6).<br><br>Place tidal-seal boom across the streams.<br><br>Tend throughout the tide.<br><br><u>Boom Lengths:</u><br>a. 200 ft. tidal-seal<br>b. 200 ft tidal-seal   | <b>Deployment Equipment</b><br>400ft. tidal-seal boom<br>25 ea. small anchor systems<br>8 ea. anchor stakes<br><b>Vessels/Personnel/Shift</b><br>Same as K-26-02<br><b>Tending Vessels/Personnel/Shift</b><br>Same as K-26-02   | Vessel platform | Via marine waters<br>Chart 16597-1 | Same as K-26-02  | Vessel master should have local knowledge.<br><br>Title 41 permitting required from ADNR.<br><br>A large bear population exists in the area; a bear guard may be necessary.<br><br>Tested: not yet          |
| K-26-04<br> | <b>Spiridon Bay-Haulouts</b><br>Actual location of this strategy will depend on field assessment at the time of deployment. In the general area of:<br>a. Lat. 57° 38.75 N<br>Lon. 153° 42.32 W<br>b. Lat. 57° 39.17 N<br>Lon. 153° 40.88 W<br>c. Lat. 57° 39.25 N<br>Lon. 153° 39.30 W<br>d. Lat. 57° 38.78 N<br>Lon. 153° 41.17 W                                   | <b>Passive Recovery-MM</b><br>Minimize impact to marine mammal haulouts.<br><br>Deploy after consulting with National Marine Fisheries Service.                    | Broadcast sorbent material on the identified haulout areas immediately prior to or after oil spill impact.<br><br>Monitor after each high tide and replace as necessary.<br><br>Minimize disturbance of marine mammals.   | <b>Deployment Equipment</b><br>Broadcast sorbent materials<br>1 ea. broadcasting system<br><b>Vessels/Personnel/Shift</b><br>Same as K-26-02<br><b>Tending Vessels/Personnel/Shift</b><br>Same as K-26-02   | Vessel platform | Via marine waters<br>Chart 16597-1 | Same as K-26-02  | Consult with the National Marine Fisheries Service prior to implementing this tactic.   |