Map & Photo Legend

SWCI-10 Rocky Cove and Sunday Creek looking west.

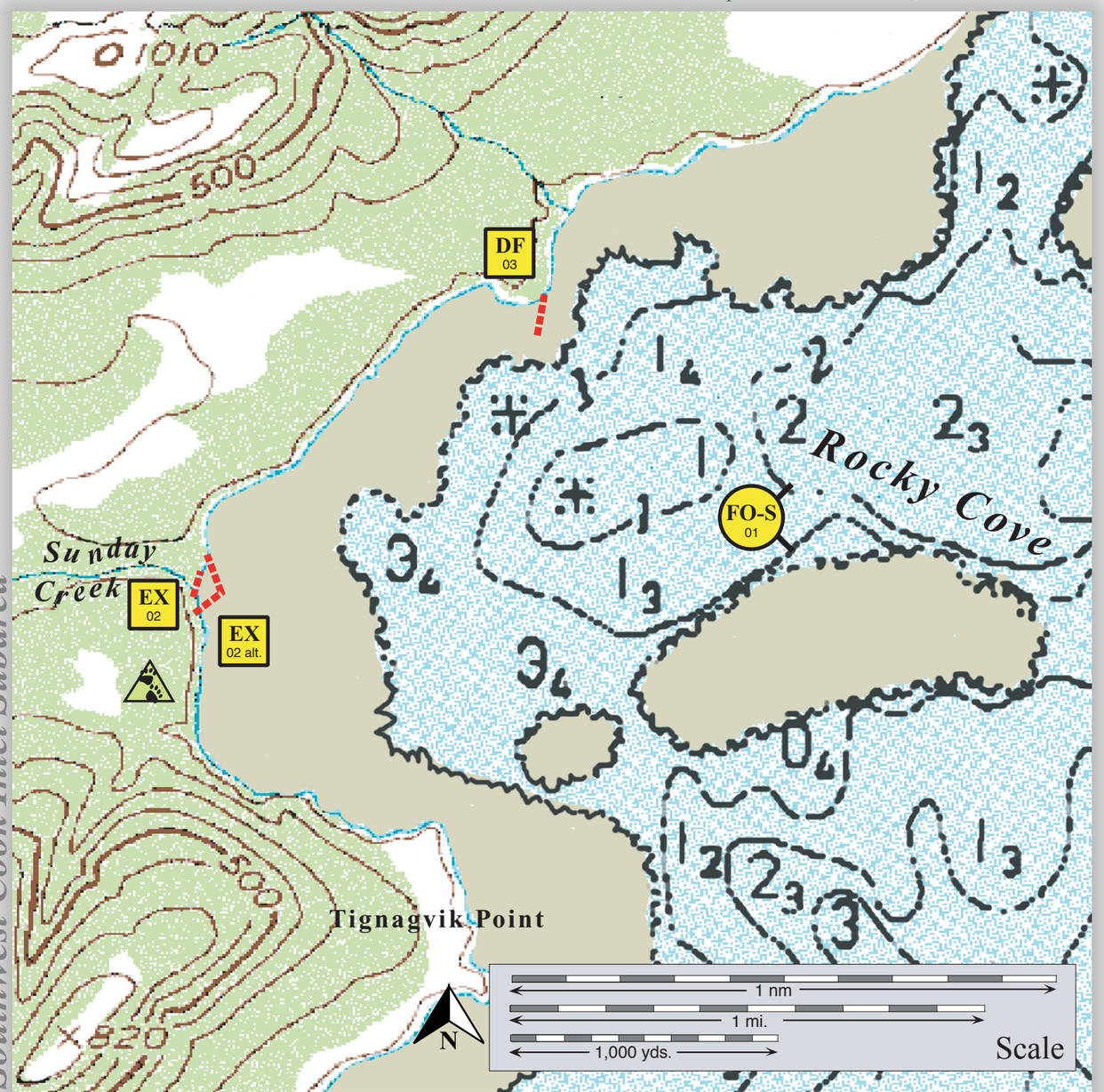
FO-S	Free-oil Containment and Recovery, Shallow Water
EX	Exclusion Booming
DF	Deflection Booming
	Protected-water Boom
	Bears in Area, Guards Needed

SWCI-10-02 Sunday Creek looking west.

Geographic Response Strategies for Southwest Cook Inlet Subarea

Sunday Creek, SWCI-10

Center of map at 59° 26.7' N Lat., 153° 43.4' W Lon.



This is not intended for navigational use.

Soundings in fathoms

NUKA Research & Planning Group, LLC.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SWCI-10-01	**Sunday Creek** Nearshore waters in the general area of: Lat. 59º 26.7 N Lon. 153º 43.4 W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Sunday Creek depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Sunday Creek. 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.	Homer/Kenai	Via marine waters Chart 16648-1	Same as SWCI-10-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
SWCI-10-02	**Sunday Creek** Lat. 59º 26.74 N Lon. 153º 44.50 W	**Exclusion** Exclude oil from impacting Sunday Creek behind storm boom. If conditions allow, protect the intertidal spawning zone outside the storm berm using SWCI-10-02 Alternate.	Transport equipment by vessel (class 2/3/4) Approach the site with skiffs (class 6) and deploy anchors and boom. Place protected-water boom and tidal-seal across creek mouth. Tend throughout the tide.	**Deployment** **Equipment** 300 ft. protected-water boom 2 ea. section tidal-seal boom 3 ea. anchor systems (~20 lbs.) 4 ea. anchor stakes **Vessels** 1 ea. class 3/4 1 ea. class 6 **Personnel/Shift** 5 ea. vessel crew **Tending** **Vessels** 1 ea. class 3/4 1 ea. class 6 **Personnel/Shift** 3 ea. vessel crew	Vessel platform Nearest anchorage is in Iliamna Bay. Nearest shelter is at Williamsport.	Via marine waters Chart 16648-1	Fish- intertidal spawning- salmon, herring, dolly varden Birds-waterfowl concentration, seabird nesting/feeding(April-Sept.) Marine mammals- seals Habitat-sheltered rocky shoreline	Vessel master should have local knowledge. Title 41 permitting required from ADNR. FOSC Historic Properties Specialist should INSPECT this site prior to deployment. High concentration of brown bears. Consider using bear guards. Site surveyed: 9/10/03 SWCI GRS Tactics Committee Tested: not yet
SWCI-10-02 Alternate	**Sunday Creek** Lat. 59º 26.72 N Lon. 153º 44.30 W	**Exclusion** Exclude oil from the intertidal area immediately in front of Sunday Creek.	Place boom in a chevron pattern around the intertidal spawning area.	**Deployment** **Equipment** 2500 ft. protected-water boom 2 ea. section tidal-seal boom 12 ea. anchor systems (~20 lbs.) 4 ea. anchor stakes **Vessels/Personnel/Shift** Same as SWCI-10-02 **Tending** **Vessels/Personnel/Shift** Same as SWCI-10-02	Vessel platform	Via marine waters Chart 16648-1	Same as SWCI-10-02	Vessel master should have local knowledge. Site surveyed: 9/10/03 SWCI GRS Tactics Committee Tested: not yet
SWCI-10-03	**Sunday Creek/Rocky Cove** Lat. 59º 27.26 N Lon. 153º 43.58 W	**Deflection** Deflect oil coming from the north of Sunday Creek/ Rocky Cove and back into the channel for recovery.	Transport equipment to site by vessel (class 2/3/4). Deploy boom and anchor system with skiff (class 6). Position boom at proper angle to deflect oil away from Rocky Cove to free-oil recovery. Tend throughout the tide.	**Deployment** **Equipment** 600 ft. protected-water boom 3 ea. anchor systems (~40 lbs.) **Vessels/Personnel/Shift** Same as SWCI-10-02 **Tending** **Vessels/Personnel/Shift** Same as SWCI-10-02	Vessel platform	Via marine waters Chart 16648-1	Same as SWCI-10-02	Vessel master should have local knowledge. Site surveyed: 9/10/03 SWCI GRS Tactics Committee Tested: not yet