Shoup Bay, NE-14

Center of map at 61˚ 06.8’ N Lat., 146˚ 35.6’ W Lon.

Map & Photo Legend

PWS NE14 Shoup Bay looking north.

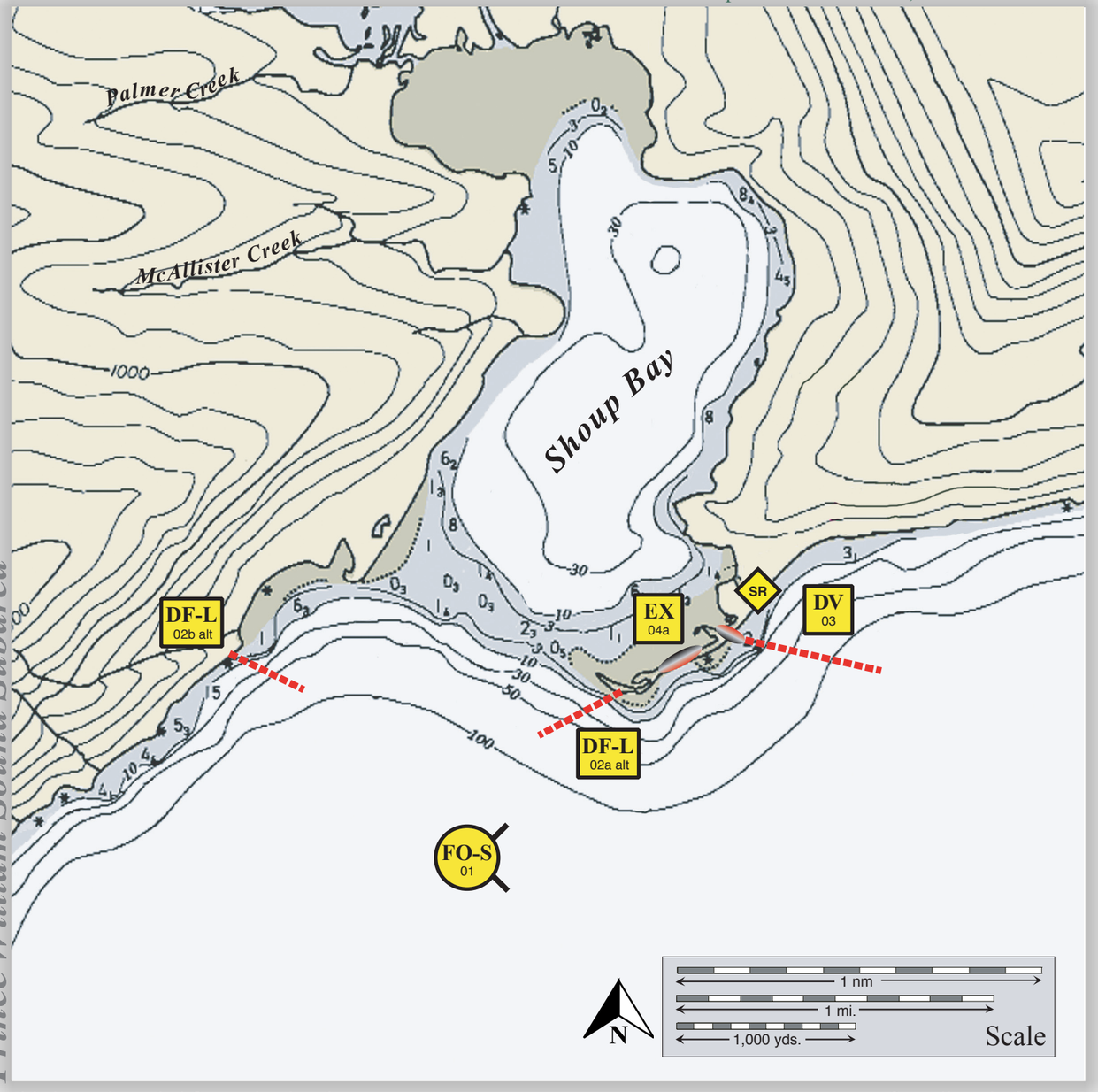
PWS NE14 Shoup Bay looking north.

- FO-S — Free-oil Containment and Recovery, Shallow Water
- EX — Exclusion Booming
- DV — Diversion Booming
- DF-L — Deflection Booming, Live
- Protected-water Boom
- Tidal-seal Boom
- SR — Shoreside Recovery

PWS NE14 Shoup Bay looking east.

Geographic Response Strategies for

Prince William Sound Subarea



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
NE-14-01 	**Shoup Bay** Nearshore waters in the general area of: Lat. 61º 06.79 N Lon. 146º 35.79 W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Shoup Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Shoup Bay. 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.	Valdez	Via marine waters Chart 16707-1	Same as NE-14-02	Vessel master should have local knowledge.
NE-14-02 	**Shoup Bay** Anchor Points a. Lat. 61º 06.91 N Lon. 146º 35.11 W b. Lat. 61º 07.00 N Lon. 146º 37.34 W	**Deflection - Live** Deflect oil away from the mouth Shoup Bay back into the channel for collection.	Transport equipment to site by vessel (class 2/3/4). Use site (a) or (b) depending on oil trajectory. Deploy boom and anchor system with fishing vessel or skiff (class 3/4/6). Use anchor points on the shoreline and hold in place using fishing vessel (class 3/4). Depending on prevailing wind and current, position boom at adequate angle to deflect oil from Shoup Bay and set up for free-oil recovery. Tend throughout the tide.	**Deployment** **Equipment** 3000 ft. protected-water boom 600 ft. tidal-seal boom 2 ea. anchor systems (~100 lbs.) **Vessels** 2 ea. class 3/4 1 ea. class 6 **Personnel/Shift** 11 ea. vessel crew **Tending** **Vessels** 2 ea. class 3/4 1 ea. class 6 **Personnel/Shift** 8 ea. vessel crew	Vessel platform	Via marine waters Chart 16707-1	Fish- intertidal spawning-salmon Habitat-marsh, sheltered tidal flats Birds-seabird nesting (April-Sept), waterfowl concentrations Marine mammals-otters Human use- high recreational use (May-Sept.) State Marine Park	Vessel master should have local knowledge. REPORT any cultural resources found during operations to FOSC Historic Properties Specialist Tested: Summer 1998 SERVS Deployment
NE-14-03 	**Shoup Bay Spit** Lat. 61º 07.04 N Lon. 146º 34.70 W Deploy in prevailing easterly winds.	**Divert and Collect** Divert oil to shore-side collection points determined by spill source and trajectory.	Transport equipment by vessel (class 2/3/4). Deploy anchors and boom with fishing vessels or skiffs (class 3/4/6). Place protected-water boom at the proper angle to divert oil to collection site. Set up shore-side collection unit and tend throughout the tide.	**Deployment** **Equipment** 3000 ft. protected-water boom 600 ft. tidal-seal boom 10 ea. anchor systems (~20 lbs.) 2 ea. anchor stakes 1 ea. shoreside recovery unit **Vessels/Personnel/Shift** Same as NE-14-02 **Tending** **Vessels/Personnel/Shift** Same as NE-14-02	Vessel platform	Via marine waters Chart 16707-1	Same as NE-14-02	Take appropriate measures as outlined in Part 2 of this document to protect the beach at the collection site. Tested: Summer 1998 SERVS Deployment
NE-14-04 	**Shoup Bay Spit** Lat. 61º 06.99 N Lon. 146º 34.81 W	**Exclusion** Exclude oil from impacting Shoup Bay by closing inter-tidal gap in the spit at the southeast entrance to Shoup Bay. This tactic may not be necessary for low tide cycles when the storm berm is not breached.	Transport equipment by vessel (class 2/3/4) from Valdez. Deploy anchors and boom with and skiffs (class 3/4/6). Place tidal-seal boom across the breach in the spit on the east side of the bay. Tend throughout the tide.	**Deployment** **Equipment** 1000 ft. tidal-seal boom 2 ea. anchor systems (~20 lbs.) 4 ea. anchor stakes **Vessels/Personnel/Shift** Same as NE-14-02 **Tending** **Vessels/Personnel/Shift** Same as NE-14-02	Vessel platform	Via marine waters Chart 16707-1 State Marine Park, permit may be required.	Same as NE-14-02	Vessel master should have local knowledge. Tested: Summer 1998 SERVS Deployment