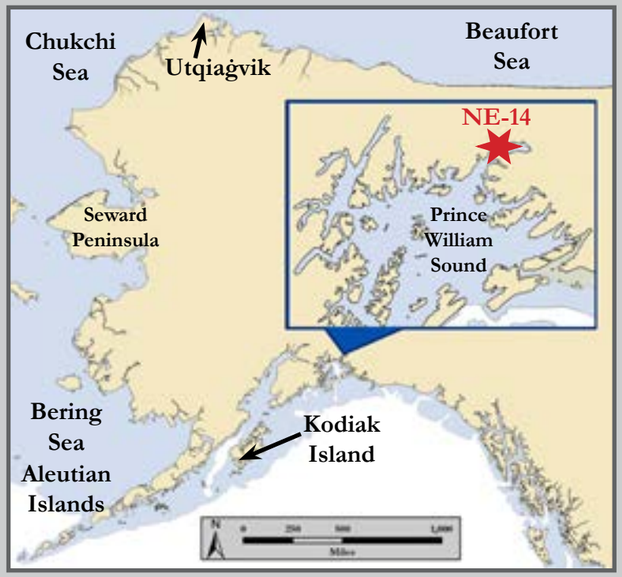
Shoup Bay, NE-14



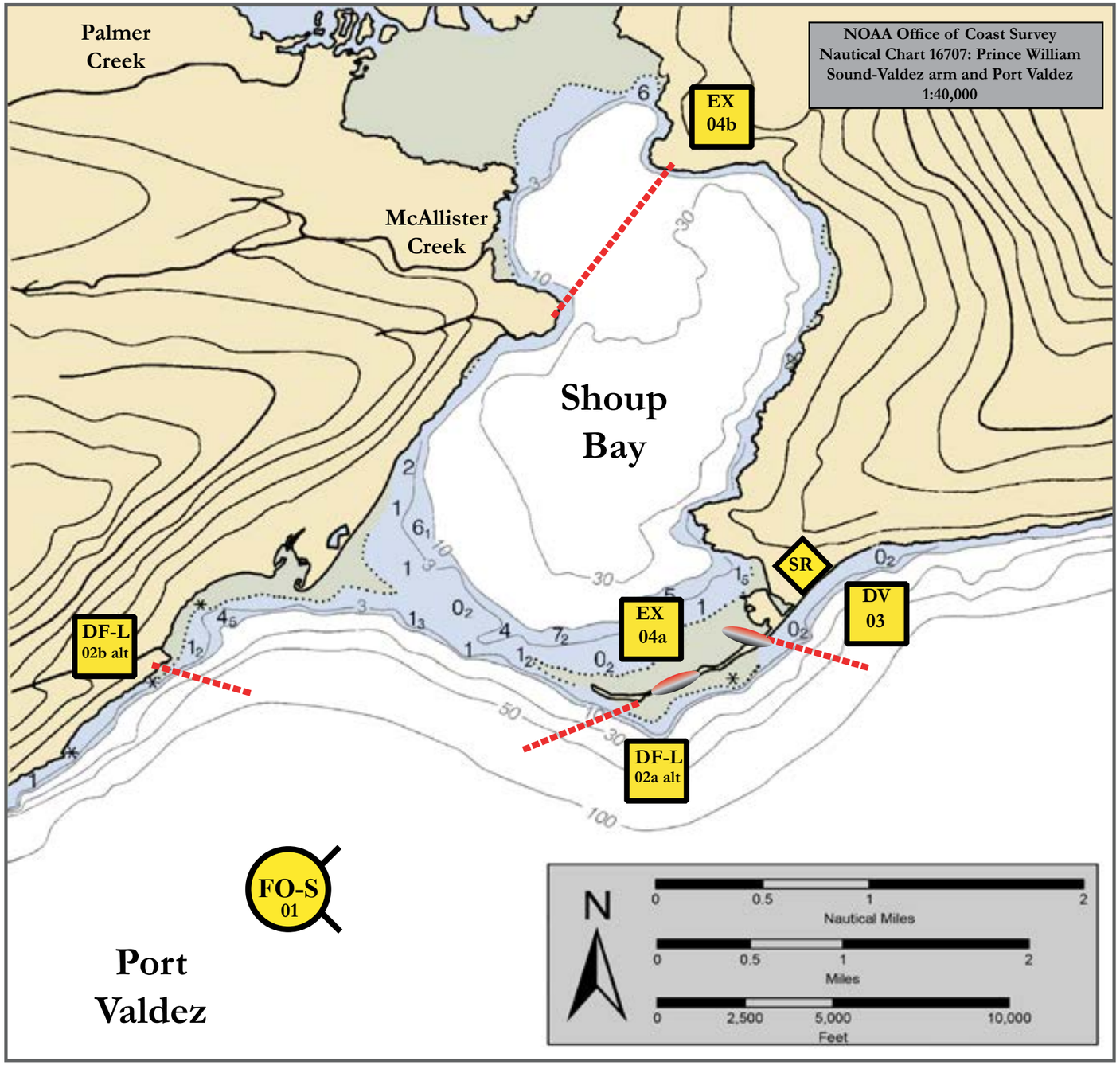
Location of NE-14

Shoup Bay, View north

Map & *Photo* Legend

EX	Exclusion Boom	FO-S	Free-oil Skimming and Recovery, Shallow Water
DV	Diversion Boom		Protected-Water Boom
DF-L	Deflection Boom-Live		Shore-seal Boom
		SR	Shoreside Recovery

Geographic Response Strategies for
Prince William Sound Subarea, Northeast Zone



Map is not intended for navigational use.

Lat. 61° 7' 5.2" N
Lon. 146° 35' 48.7" W

Depths in Fathoms

Updated by ADEC 17 April 17

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
NE-14-01 FO-S	**Shoup Bay** Nearshore waters in the general area of: Lat. 61° 06.79' N Lon. 146° 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 DF-L	**Shoup Bay** Anchor Points a. Lat. 61° 06.91' N Lon. 146° 35.11' W Or b. Lat. 61° 07.00 N Lon. 146° 37.34 W	**Deflection-Live** Deflect oil from the mouth of Shoup Bay back into the channel for collection.	Transport equipment to site by marine vessel (class 2/ 3/4). Use site (a) (1000 ft. protected-water boom, 150 ft. shore-seal boom) 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 ¾). 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 concentration **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: 02a alt 14 October 2015 SERVS deployment
NE-14-03 DV	**Shoup Bay Spit** Lat. 61° 07.04 N Lon. 146° 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**	Vessel master should have local knowledge. Tested: Summer 1998 SERVS Deployment
NE-14-04 EX	**Shoup Bay** a. Lat. 61° 06.99 N Lon. 146° 34.81 W b. Lat. 61° 7 53.7 N Lon. 146° 35 32.5 W	**Exclusion** Exclude oil from impacting Shoup Bay by closing intertidal 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 (class2/3/4) from Valdez. Deploy anchors and boom with skiffs (class 3/4/6). (a) Place tidal-seal boom across the breach in the spit on the east side of the bay. (b) Deploy anchors and boom between spits in bay with fishing vessels or skiff (3/4/6). Tend throughout the tide.	**Deployment Equipment** 2700 ft. protected-water boom 4 ea. Anchor systems (~40 lbs.) 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: 04b tested 14 October 2015 SERVS deployment