

Location of Anderson Bay, NE-22



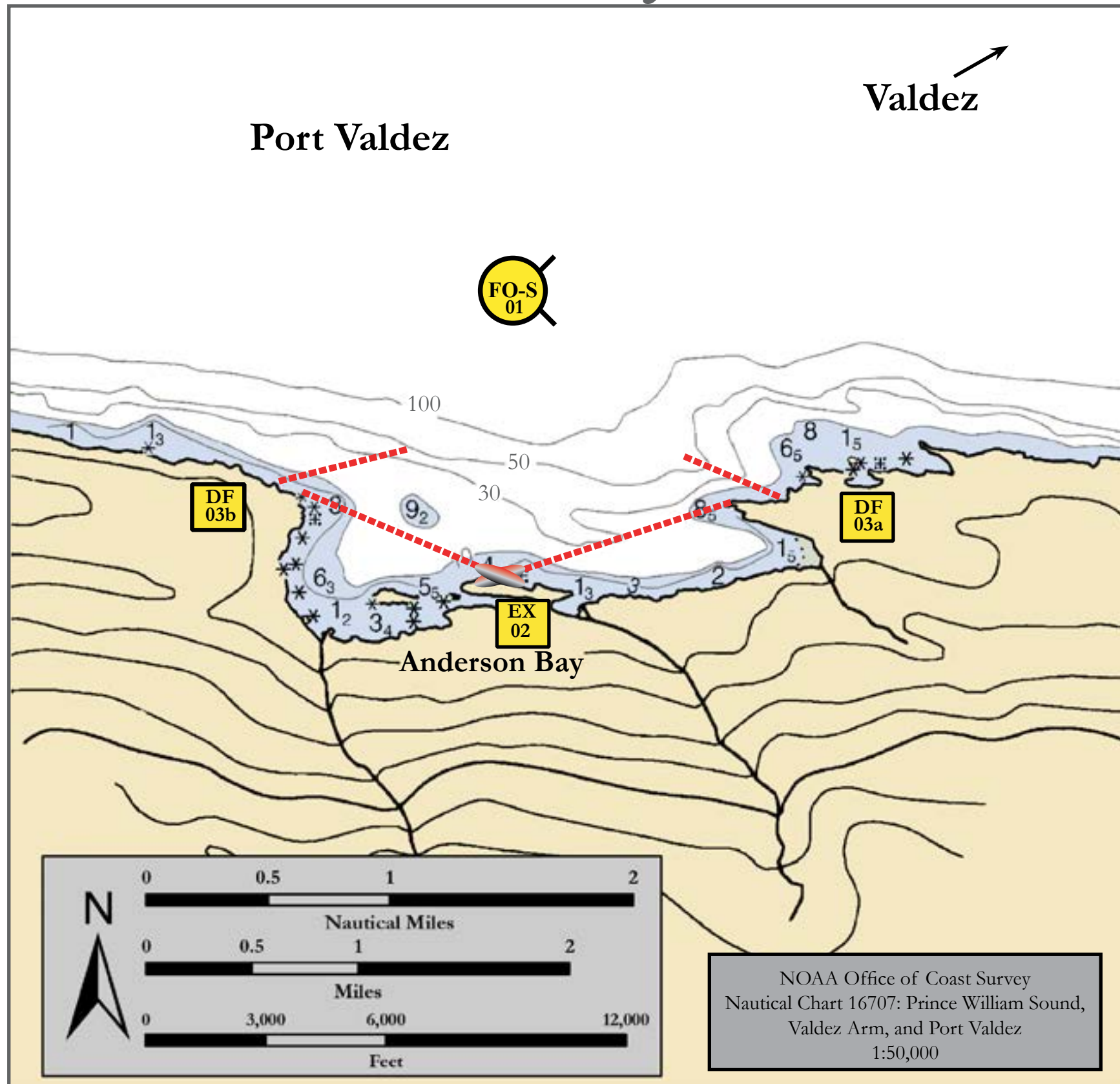
Anderson Bay, NE-22, View South

- EX** Exclusion Booming
- DF** Deflection Booming
- FO-S** Free-Oil Containment and Recovery, Shallow Water
- Protected-Water Boom
- Shore-Seal Boom

Map  
&  
Legend

# Geographic Response Strategies for Prince William Sound Subarea, Northeast Zone

## Anderson Bay, NE-22






Map is not intended for navigational use.

Lat. 61° 4' 51.9" N  
Lon. 146° 33' 28.2" W

Depths in Fathoms

NOAA Office of Coast Survey  
Nautical Chart 16707: Prince William Sound,  
Valdez Arm, and Port Valdez  
1:50,000

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
NE-22-01 	<b>Anderson Bay</b>  Nearshore waters in the general area of:  Lat. 61° 04.97' N Lon. 146° 33.51' W	<b>Nearshore Free-oil Recovery</b>  Maximize free-oil recovery in the offshore & nearshore environment of Anderson Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Anderson 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-22-02	Vessel master should have local knowledge.
NE-22-02 	<b>Anderson Bay</b>  Anchor Points:  East Lat. 61° 04.85' N Lon. 146° 32.62' W  Center Lat. 61° 04.69' N Long. 146° 33.45' W  West Lat. 61° 04.86' N Lon. 146° 34.31' W	<b>Exclusion</b>  Exclude oil from impacting the intertidal area and stream at Anderson Bay.	Transport equipment by vessel (class 2/3/4) from Valdez.  Deploy anchors and boom with skiffs (class 6).  Place protected-water boom in a chevron pattern using the small peninsula in the middle of the bay as an anchor point.  Place tidal-seal boom on small peninsula anchor points. Tidal-seal boom not appropriate for use at either the eastern or western shore anchor locations.  After initial exclusion, place sorbent sweep behind the exclusion booming.  Tend throughout the tide.	<b>Deployment Equipment</b> 5200 ft. protected-water boom 900 ft. tidal-seal boom 6 ea. Anchor systems (~40 lbs.) 10 bales sorbent sweep  <b>Vessels</b> 1 ea. Class 2 1 ea. Class 3/4 1 ea. Class 6  <b>Personnel/Shift</b> 8 ea. Vessel crew  <b>Tending Vessels</b> 1 ea. Class 3/4 1 ea. Class 6  <b>Personnel/Shift</b> 4 ea. Vessel crew	Vessel platform	Via marine waters.  Chart 16707-1	Fish-intertidal spawning-salmon, herring  Marine Mammals-sea otters  Human use-high recreational use (May-Sept.)	Vessel master should have local knowledge.  FOSC Historic Properties Specialist should INSPECT this site prior to deployment.  Tested: September 10, 2016
NE-22-03 	<b>Anderson Bay</b>  a. Lat. 61° 04.85' N Lon. 146° 32.62' W  b. Lat. 61° 04.86' N Lon. 146° 34.31' W  Eastern & Western shorelines not suitable for shore seal boom.  Submerged rocks pose significant navigation hazards at the western shore anchor.	<b>Deflection</b>  Deflect oil from Anderson Bay and back into Port Valdez for collection.	Transport equipment to site by marine vessel (class 2/3/4).  Deploy boom and anchor system with fishing vessel or skiff (class 6).  Use either site (a) or (b) depending on oil trajectory.  Position boom at adequate angle to deflect oil from Anderson Bay and set up for free-oil recovery. Tidal-seal boom not appropriate for use at either the eastern or western shore anchor locations.  Tend throughout the tide.  Submerged rocks pose significant navigation hazards at the western shore anchor.	<b>Deployment Equipment</b> 1400 ft. protected-water boom 1 ea. Anchor systems (~100 lbs.)  <b>Vessels/Personnel/Shift</b> Same as NE-22-02  <b>Tending Vessels/Personnel/Shift</b> Same as NE-22-02	Vessel platform	Via marine waters  Chart 16707-1	Same as NE-22-02	Vessel master should have local knowledge.  Tested: September 10, 2016