

# Valdez Duck Flats, NE-17









Location of NE-17

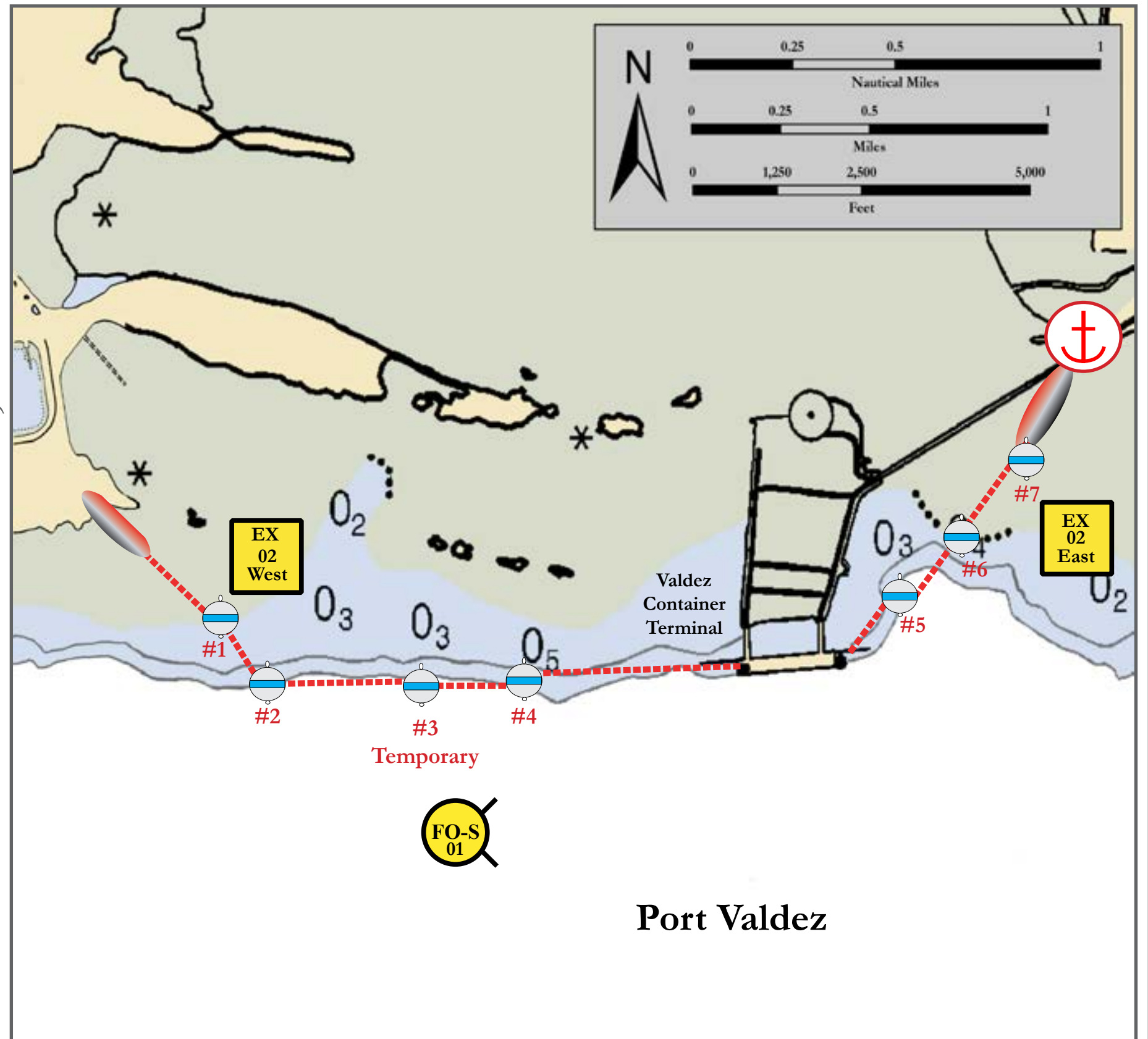


Valdez Duck Flats, View Northwest

Map & Photo Legend

	Exclusion Booming		Free-Oil Containment and Recovery, Shallow Water
	Buoy		Shore-Seal Boom
	Anchor		Protected-Water Boom



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



Map is not intended for navigational use.

Lon. 146° 18' 36.7" W  
Lat. 61° 7' 22.0" N

Depths in Fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
NE-17-01 	<b>Valdez Duck Flats</b>  Nearshore waters in the general area of:  Lat. 61° 05.7' N Lon. 146° 18.0' W	<b>Free-oil Recovery</b>  Maximize free-oil recovery in the offshore & nearshore environment of Valdez Duck Flats depending on spill location and trajectory.	Deploy nearshore free-oil recovery strike teams upwind and up current of Valdez Duck Flats.  Use aerial surveillance to locate incoming slicks.	Multiple nearshore 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-17-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
NE-17-02 	<b>Valdez Duck Flats</b>  Utilize the SERVS anchoring buoys in the vicinity of:  Lat. 61° 07.52' N Lon. 146° 18.77' W  * There are 3 permanently installed anchoring buoys and 1 temporary buoy west of the Container Dock. * No anchors are permanently installed east of the Container Dock—those anchors are maintained with the pre-staged boom and are to be set when the boom is deployed.	<b>Exclusion</b>  Exclude oil from impacting the intertidal area around the Valdez Duck Flats.	Deploy anchors and boom using skiffs with jet drives (class 6).  Use the anchor points marked by the SERVS orange buoys in both arrays.  Deploy array (west) (a) first beginning at the west end of the Container Dock using five segments of protected-water boom 1) 847 ft. 2) 1087 ft. 3) 1084 ft. 4) 1204 ft. 5) 238 ft.  And 200 ft. of tidal-seal boom.  For array (east) (b), place three segments of protected-water boom 1) 918 2) 623 3) 1227  And 200 ft. of tidal-seal boom.  <u>Boom lengths:</u>  (west) a. 4460 ft. protected-water boom 200 ft. tidal-seal boom  (east) b. 2768 ft. protected-water boom 200 ft. tidal-seal boom	<b>Deployment Equipment</b> 7400 ft. protected-water boom 400 ft. tidal-seal boom  <b>Vessels</b> 2 ea. Class 6  <b>Personnel/Shift</b> 4 ea. Vessel crew 2 ea. Spill techs on the dock (6 total)  <b>Tending Vessels</b> 2 ea. Class 6  <b>Personnel/Shift</b> 4 ea. Vessel crew 2 ea. Spill techs on the dock (6 total)	SERVS Dock/Valdez	Via marine waters.  Chart 16707-1	Birds-waterfowl concentration  Habitat-marsh, sheltered tidal flats  Human use-sport fishing (May-Sept.)	Vessel master should have local knowledge.  REPORT any cultural resources found during operations to FOSC Historic Properties Specialist.  Adapted from the SERVS Valdez Duck Flats Protection Plan.  Deployed: Strategy deployed annually. Deployment history available at SERVS.  Site surveyed: West dock strategy Tested: 17 June 17 SERVS Deployment East dock strategy Tested: 17 June 17 SERVS Deployment