

Map & Photo Legend



Uganik Passage viewed from the south.



EX-03a-d, DF-02c viewed from the south.



EX-03a view from the southwest.

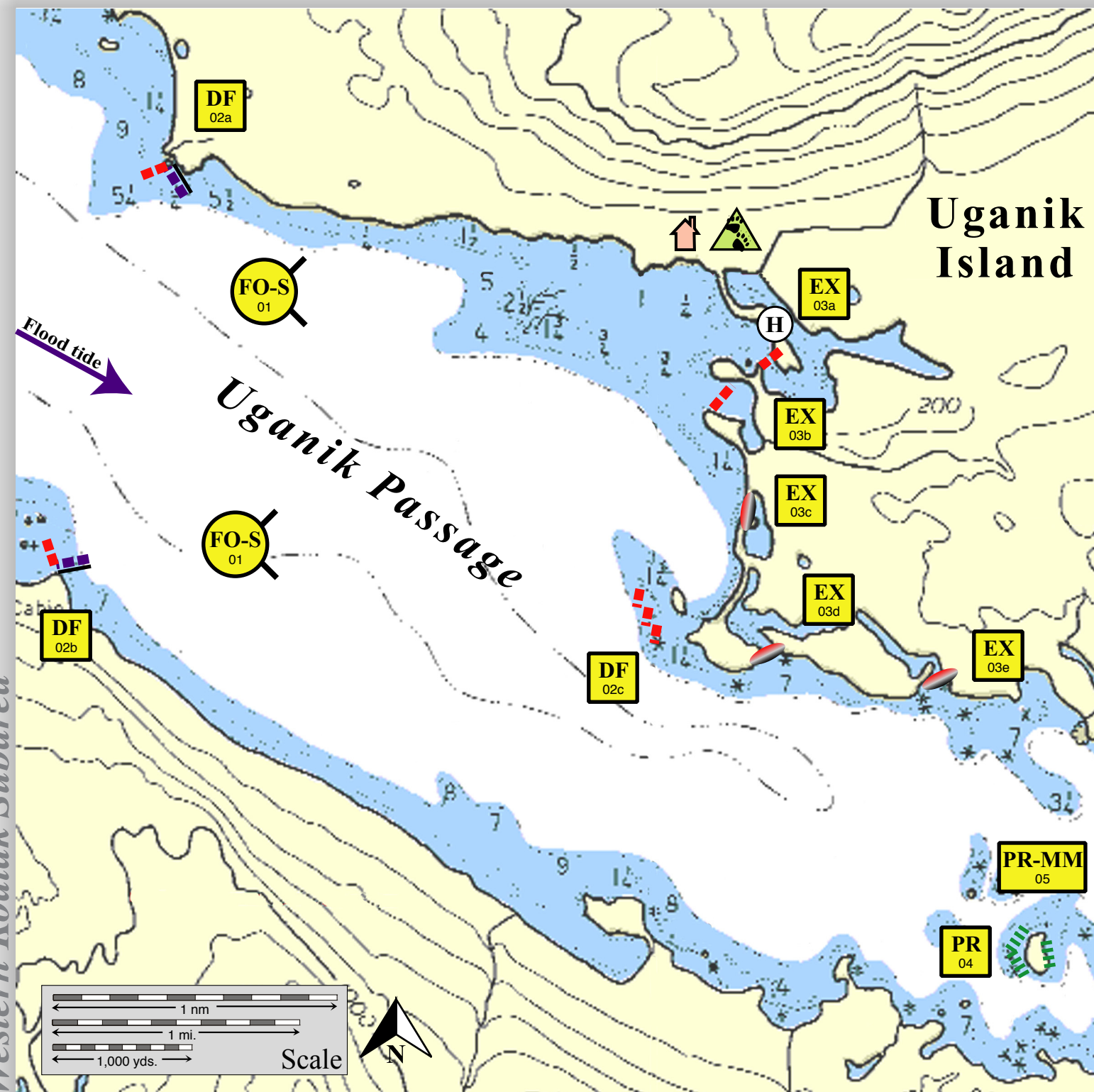
- FO-S** Free-oil Containment and Recovery, Shallow Water
- EX** Exclusion Booming
- DF** Deflection Booming
- PR** Passive Recovery and Collection
- PR-MM** Passive Recovery and Collection, Marine Mammal
- Protected-water Boom**
- Protected-water Boom, Flood Tide**
- Snare Line**
- Tidal-seal Boom**
- H** Helicopter Landing Site
- USFW/KNWR Public Use Cabin**
- Bears in Area, Guards Recommended**

Geographic Response Strategies for

Western Kodiak Subarea






Uganik Passage/Bays, K-31

Center of map at 57° 48.9' N Lat., 153° 18.3' W Lon.



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
K-31-01 	Uganik Passage Nearshore waters in the general area of: Lat. 59° 48.9 N Lon. 153°18.3 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Uganik Passage depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current in Uganik Passage. 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.	Kodiak/ Larsen Bay	Via marine waters Chart 16597-1	Same as K-31-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
K-31-02 	Uganik Passage a. Lat. 57° 49.81 N Lon. 153° 24.44 W b. Lat. 57° 51.38 N Lon. 153° 23.51 W c. Lat. 57° 49.50 N Lon. 153° 20.08 W	Deflection Deflect oil away from Uganik Passage shoreline and back into the channel for free-oil recovery.	Deploy boom and anchor system with skiffs (class 6). For arrays (a & b) position the boom extending from shore to deflect oil. Array (c) consists of three 300 ft. cascaded booms. Switch arrays(a & b) with the tide. <u>Boom Lengths:</u> a. 600 ft. b. 600 ft. c. 900 ft.	Deployment Equipment 2100 ft. protected-water boom 11 ea. small anchor systems Vessels 1 ea. class 3 2 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 USF&W KNWR maintains a public use cabin on Uganik Island in the gernal area of:Lat. 57° 51.03 N Lon. 153°19.70 W may provide logistic support and lodging.	Via marine waters Chart 16597-1	Fish- intertidal spawning-herring (April-May), salmon (May-Sept.) Birds-Seabird nesting, waterfowl concentration,eagle nesting Marine mammals- seals, otters Habitat- marsh, sheltered rocky shoreline, sheltered tidal flats Human use-subsistence, commercial fishing	Vessel master should have local knowledge. This is a major herring spawning area. Efforts should concentrate on recovery of oil prior to impacting the eelgrass and intertidal areas. FOSC Historic properties specialist should MONITOR operations. Site surveyed: 7/19/05 KGRS Tactics Committee. Tested: not yet
K-31-03 	Uganik Passage-lagoons a. Lat. 57° 50.71 N Lon. 153° 19.31 W b. Lat. 57° 50.50 N Lon. 153° 19.60 W c. Lat. 57° 50.05 N Lon. 153° 19.30 W d. Lat. 57° 49.50 N Lon. 153° 19.18 W e. Lat. 57° 49.44 N Lon. 153° 17.93 W	Exclusion Exclude oil from impacting the identified stream and intertidal area in Uganik Passage.	Deploy anchors and boom with skiffs (class 6). Place protected-water boom across the entrance to the lagoons at (a) and (b). Use tidal-seal boom in arrays (c),(d) and (e) to protect the intertidal area. Tend throughout the tide. <u>Boom Lengths:</u> a. 300 ft. b. 500 ft. c. 100 ft tidal-seal d. 100 ft. tidal-seal e. 100 ft. tidal-seal	Deployment Equipment 800 ft. protected-water boom 300 ft. tidal-seal boom 7 ea. small anchor systems 20 ea. anchor stakes Vessels/Personnel/Shift Same as K-31-02 Tending Vessels/Personnel/Shift Same as K-31-02	Vessel platform USF&W KNWR maintains a public use cabin on Uganik Island in the gernal area of:Lat. 57° 51.03 N Lon. 153°19.70 W may provide logistic support and lodging.	Via marine waters Chart 16597-1	Same as K-31-02	Vessel master should have local knowledge. A large bear population exists in the area; bear guards may be necessary. Title 41 permitting required from ADNR. Tested: not yet
K-31-04 	Uganik Passage-Haulout Lat. 57° 48.33 N Lon. 153°17.32 W	Passive Recovery Place passive recovery boom or line in a chevron pattern in front of the identified island.	Use skiffs (class 6) to place and anchor snare line or sorbent boom in front of the identified island. Replace as necessary to maximize the recovery.	Deployment Equipment 1400 ft. snare line or sorbent boom 7 ea. small anchor systems Vessels/Personnel/Shift Same as K-31-02 Tending Vessels/Personnel/Shift Same as K-31-02	Vessel platform	Via marine waters Chart 16597-1	Same as K-31-02	Vessel master should have local knowledge. Use snare line for persistent oils and sorbent boom for non-persistent oils. Tested: not yet
K-31-05 	Uganik Passage-Haulouts Actual location of this protection strategy will depend on field assessment at the time of deployment. In the general area of: Lat. 57° 48.36 N Lon. 153° 17.10 W	Passive Recovery-MM Mininmize impact to marine mammal haulouts. Deploy after consulting with National Marine Fisheries Service.	Broadcast sorbent material on haulout areas on the eastern beach of the large island immediately prior to or after oil spill impact. Monitor after each high tide and replace as necessary. Minimize disturbance of marine mammals.	Deployment Equipment Broadcast sorbent materials 1 ea. broadcasting system Vessels/Personnel/Shift Same as K-31-02 Tending Vessels/Personnel/Shift Same as K-31-02	Vessel platform	Via marine waters Chart 16597-1	Same as K-31-02	Consult with the National Marine Fisheries Service prior to implementing this tactic.