

# Map & Photo Legend



Village Islands viewed from the northwest.

- |  |  |  |                         |
|--|--|--|-------------------------|
|  | Free-oil Containment and Recovery, Shallow Water |  | Marine Recovery         |
|  | Diversion Booming                                |  | Private Cabins          |
|  | Deflection Booming                               |  | Dock                    |
|  | Protected-water Boom                             |  | Helicopter Landing Site |
|  | Shoreside Recovery                               |  |                         |

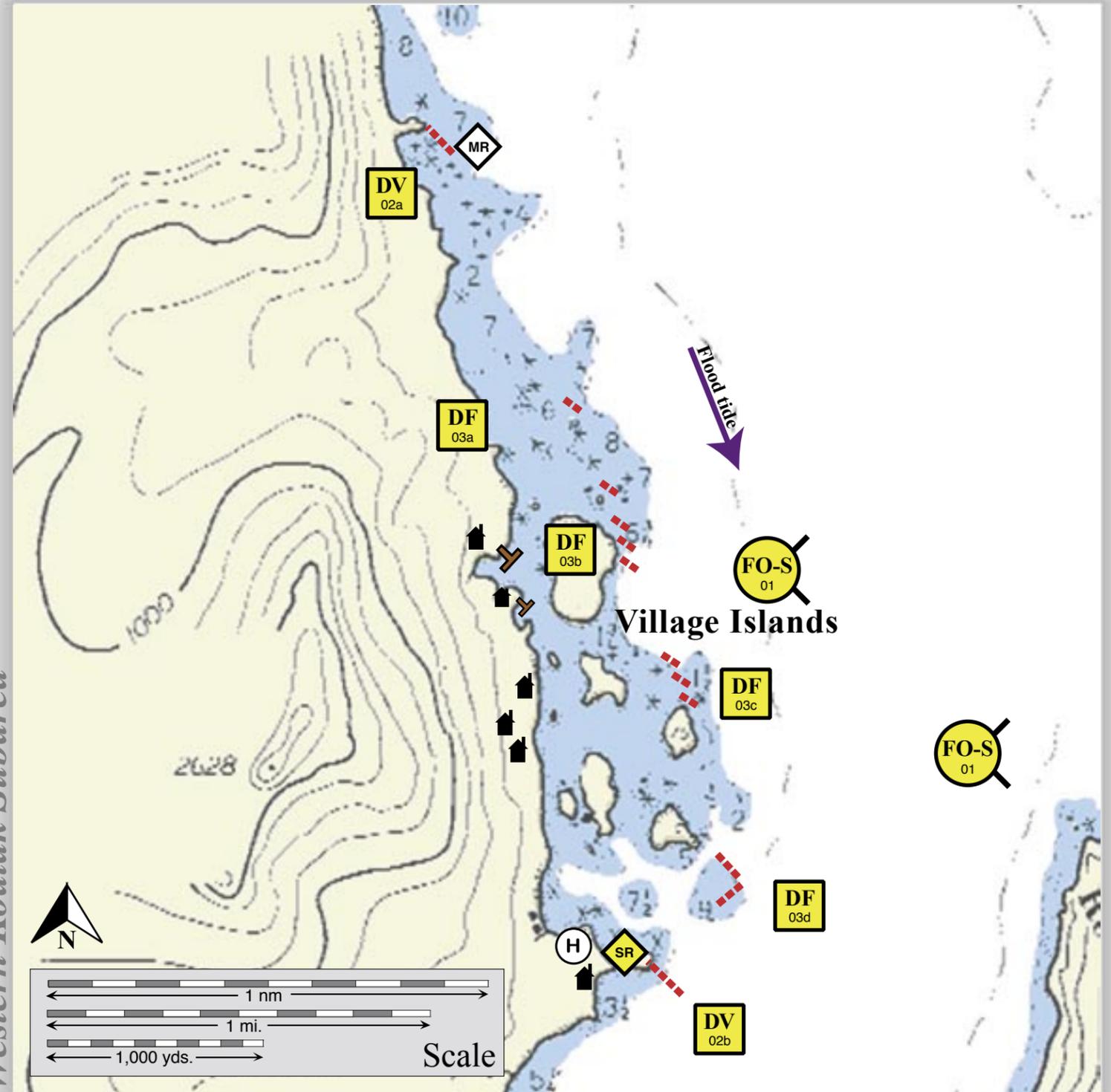


DF-03d Green Island and DV-02b viewed from the east.

## Geographic Response Strategies for Western Kodiak Subarea

# Village Islands, K-29

Center of map at 57° 46.9' N Lat., 153° 31.1' W Lon.



This is not intended for navigational use.

Soundings in fathoms

ID		Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
K-29-01 	<b>Village Islands</b> Nearshore waters in the general area of:  Lat. 57° 47.7 N Lon. 153° 31.5 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Village Islands depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Village Islands.  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.	Larsen Bay/Village Islands	Via marine waters Chart 16597-1	Same as K-29-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
K-29-02 	<b>Village Islands</b> a. Lat. 57° 48.88 N Lon. 153° 33.62 W  b. Lat. 57° 46.00 N Lon. 153° 32.40 W	<b>Divert and Collect</b> Divert oil to marine collection in location (a) and if necessary during the ebb tide to shore-side collection in location (b).	Deploy anchors and boom with skiffs (class 6).  Place protected-water boom in cascaded arrays at proper angle to divert incoming oil to the collection sites.  Set up collection sites and tend throughout the tide.  <u>Boom Lengths:</u> a. 1000 ft. b. 1000 ft.	<b>Deployment Equipment</b> 2000 ft. protected-water boom 10 ea. small anchor systems 2 ea. anchor stakes 1 ea. shore-side collection system 1 ea. marine collection system <b>Vessels</b> 1 ea. class 2 4 ea. class 6 <b>Personnel/Shift</b> 11 ea. vessel crew 2 ea. response techs <b>Tending Vessels</b> 1 ea. class 3/4 3 ea. class 6 <b>Personnel/Shift</b> 7 ea. vessel crew 1 ea. response tech	Larsen Bay/Village Islands	Via marine waters Chart 16597-1	Fish- intertidal spawning- salmon (May-Sept.), herring (April-May)  Birds-waterfowl concentration, eagle nesting, seabird nesting  Marine mammals-otters  Habitat- marsh, sheltered rocky shoreline.  Human use-anchorage, high recreational use	Vessel master should have local knowledge.  Take appropriate measures as outlined in Part 2 of this document to protect the beach at the shore-side collection site.  FOSC Historic Properties Specialist should MONITOR operations.  Site surveyed: 7/19/05 KGRS Tactics Committee.  Tested: not yet
K-29-03 	<b>Village Islands</b> a. Lat. 57° 47.95 N Lon. 153° 32.46 W b. Lat. 57° 47.56 N Lon. 153° 32.27 W c. Lat. 57° 46.97 N Lon. 153° 31.89 W d. Lat. 57° 46.34 N Lon. 153° 31.70 W	<b>Deflection</b> Deflect oil away from the Village Islands and back into the channel for free-oil recovery. Adjust the locations to accommodate the prevailing wind and current conditions.	Deploy boom and anchor system with skiffs (class 6).  Array (b) consists of four 300 ft. sections that deflect away from the large island. If indicated by oil movement, redeploy boom to deflect oil during the ebb tides.  Tend throughout the tide.  <u>Boom Lengths:</u> a. 800 ft. b. 1200 ft. c. 600 ft. d. 1200 ft.	<b>Deployment Equipment</b> 3800 ft. protected-water boom 19 ea. small anchor systems <b>Vessels/Personnel/Shift</b> Same as K-29-02 <b>Tending Vessels/Personnel/Shift</b> Same as K-29-02	Larsen Bay/Village Islands	Via marine waters Chart 16597-1	Same as K-29-02	Vessel master should have local knowledge.  Local residences may provide logistic support and lodging.  Tested: not yet