

# Map & Photo Legend



SW-02 Green Island viewed from the northeast.



SW-02-02 Green Island viewed from the northeast.



SW-02-03d&e Green Island viewed from the north.

SW-02-03a,b&c Green Island viewed from the southwest.



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|--|----------------------------------|
|  | Free-oil Recovery, Shallow Water |
|  | Deflection Booming, Fixed        |
|  | Diversion Booming                |
|  | Marine Recovery                  |
|  | Protected-water Boom             |
|  | Open-water Boom                  |
|  | Tidal-seal Boom                  |
|  | Public Cabin                     |
|  | Eagle Nest                       |

## NOTES:

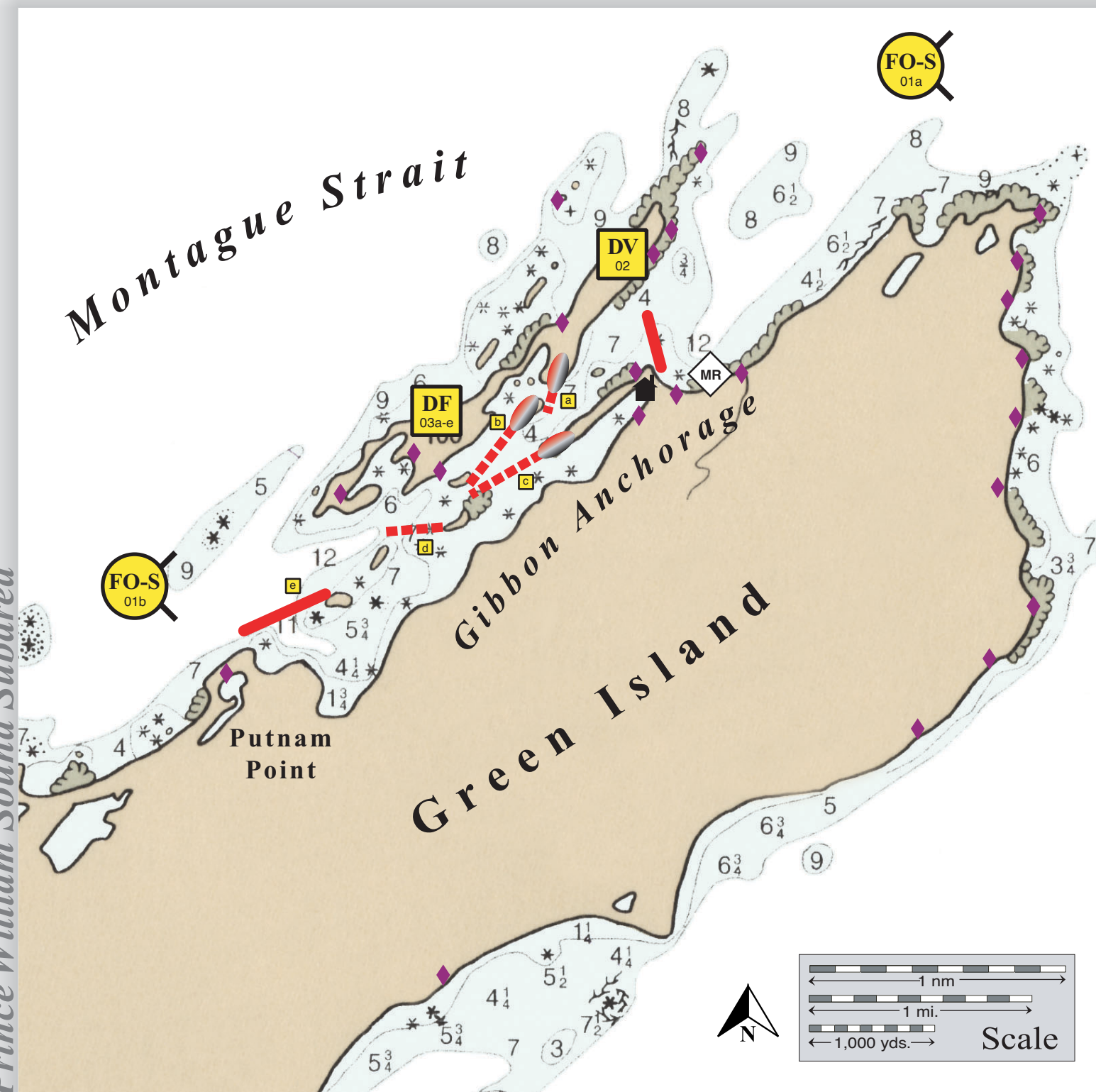
Deflection boom may be needed to direct spilled oil through the passage.

# Green Island, PWS-SW02

Center of map at 60° 17.58' N Lat., 147° 23.63' W Lon.

## Geographic Response Strategies for

Prince William Sound Subarea



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
PWS SW02-01	<b>North side of Green Island</b> Island is generally located at:  a. Lat. 60° 18.73 N Lon. 147° 22.37 W  b. Lat. 60° 16.76 N Lon. 147° 27.89 W  Location of free oil recovery operation is variable and dependent upon wind and current direction at the time of deployment.	<b>Free-oil Recovery-Shallow Water</b>  Maximize free-oil recovery in the offshore & nearshore environment of Green Island depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Green Island.  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.	Marine	Marine  Chart 16701-1	Same as PWS-SW02-02	Vessel master should have local knowledge.  Rocky outcrops present navigation hazards.
PWS SW02-02	<b>North side of Green Island</b> Lat. 60° 17.58 N Lon. 147° 23.63 W	<b>Diversion-Fixed with Marine Recovery</b>  Divert oil from entering the channel north of Green Island and recover via marine recovery.	Use vessels (class 2/3/4) with adequate deck space to transport equipment to the site.  Use fishing vessels and skiffs (class 3/4/6) to deploy anchors and boom.  Place boom with a hook in the array for collection and begin marine recovery operation.  Tend throughout tide.	<b>Deployment Equipment</b> 1200 ft. open water boom 4 ea. lg. anchor system 1 ea. marine recovery unit <b>Vessels</b> 1 class 2 (transport) 5 ea. class 3/4 (at least one with jet drive) 2 ea. class 6 <b>Personnel/Shift</b> 23 ea. vessel crew <b>Tending Vessels</b> 2 ea. class 3/4 (at least one with jet drive) 1 ea. class 6 <b>Personnel/Shift</b> 8 ea. vessel crew	Vessel platform	Marine  Chart 16701-1	Fish-intertidal spawning-salmon (April-Sept.)  Birds-waterfowl concentrations, shorebird migration (April-May), shorebird nesting, black oystercatcher (April-Aug.), eagle nests (April-Sept.)  Habitat-marsh, sheltered tidal flats, eel grass  Human use-high recreational use, public use cabin nearby (May-Sept.), commercial fishing.	Rocky outcrops make boom transition difficult.  Public cabin could provide shelter for response personnel.  Surveyed, verified and deployed: SERVS June 2001
PWS SW02-03	<b>Green Island</b> a. Lat. 60° 17.55 N Lon. 147° 24.38 W b. Lat. 60° 17.42 N Lon. 147° 24.65 W c. Lat. 60° 17.33 N Lon. 147° 24.35 W d. Lat. 60° 16.97 N Lon. 147° 25.28 W e. Lat. 60° 16.97 N Lon. 147° 25.28 W	<b>Deflection-Fixed</b>  Deflect oil from the through the channel north of Green Island.	Transport equipment to site by marine vessel (class 2/3/4).  Place boom and anchor system with fishing vessel or skiff (class 3/4/6).  Position boom at adequate angle to deflect oil from Green Island and set up for near shore free oil recovery.  <u>Boom lengths:</u>  a. 600 ft protected-water 50 ft tidal-seal  b. 2000 ft protected-water 100 ft tidal-seal  c. 2900 ft protected-water 100 ft tidal-seal  d. 1500 ft protected-water  e. 2200 ft open-water	<b>Deployment Equipment</b> 7000 ft. protected-water boom 2200 ft. open-water boom 250 ft. tidal-seal 17 ea. small anchor systems 6 ea. large anchor systems <b>Vessels/Personnel/Shift</b> Same as PWS-SW02-02 <b>Tending Vessels/Personnel/Shift</b> Same as PWS-SW02-02	Vessel platform	Marine  Chart 16701-1	Same as PWS-SW02-02	Vessel master should have local knowledge.  FOSC Historic Properties Specialist should INSPECT site prior to operations.  Surveyed, verified and deployed: SERVS June 2001