



Cape and Islands Geographic Response Plan

Nantucket Harbor CI-28



Map Legend			
BB Beach Berm	DF Deflection Booming	MD Mosquito Ditch	--- Protected-water Boom (Flood Tide)
CB Culvert Block	EX Exclusion Booming	U.S. Coast Guard Station	--- Protected-water Boom (Ebb Tide)
DV Diversion Booming	SR Shoreside Recovery	Boat Ramp	--- Snare or Sorbent Boom
PR Passive Recovery	FO Free-oil Recovery	Beach Berm Material	




A total of 6 State Response Trailers are required to implement all of the tactics in this GRP. Responders should always consider on-scene conditions before deploying GRP tactics. Tactics may not be safe or effective under certain conditions. Responder safety should always be the first priority.





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ID	Location and Description	Response Strategy	Implementation
<p>CI-28-01</p> 	<p>Nantucket Harbor</p> <p>a. Lat. 41°17'34.0"N Lon. 70°04'46.4"W</p> <p>b. Lat. 41°16'45.7"N Lon. 70°05'29.6"W</p> <p>c. Lat. 41°17'01.2"N Lon. 70°05'40.5"W</p> <p>d. Lat. 41°17'00.1"N Lon. 70°05'40.1"W</p>	<p>Exclusion</p> <p>Exclude oil from entering or leaving identified locations and impacting surrounding areas.</p>	<p>Deploy anchors and boom with skiffs at high tide.</p> <p>Array (a) is only suitable for calm sea states. Place and anchor the boom from First Point to Pimmey's Point to exclude oil from migrating back into the harbor.</p> <p>For (b), extend a boom across the intertidal area in front of the Creeks. Structures on the Yacht Club maybe used for anchor points.</p> <p>For (c), place boom directly across the entrance to the boat basin to exclude oil from leaving. Structures in the harbor may provide anchoring points for the boom.</p> <p>For (d), place boom directly in front of the facilities to exclude oil from leaving. Structures in the harbor may provide anchoring points for the boom.</p> <p>Tend throughout the tide.</p> <p>Boom Lengths:</p> <ul style="list-style-type: none"> a. 2800 ft. b. 2000 ft. c. 100 ft. d. 200 ft.
<p>CI-28-02</p> 	<p>Nantucket Harbor</p> <p>Lat. 41°17'01.2"N Lon. 70°05'40.5"W</p> <p>Lat. 41°16'45.7"N Lon. 70°05'29.6"W</p>	<p>Passive Recovery</p> <p>Place and secure passive recovery material along the face of the exclusion boom to recover oil and prevent it from leaving the boat basin and impacting sensitive areas.</p>	<p>Place sausage boom across the entrance to the boat basin. Position the sorbent boom in front of the array (EX-01c) so the migrating oil impacts the sorbent boom.</p> <p>Replace as necessary to maximize the recovery.</p>
<p>CI-28-03</p> 	<p>Nantucket Harbor</p> <p>Nearshore waters in the general area of:</p> <p>Lat. 41°17'10.5"N Lon. 70°05'15.9"W</p>	<p>Free-oil Recovery</p> <p>Maximize free-oil recovery in the offshore & nearshore environment of Nantucket Harbor depending on spill location and trajectory.</p> <p>Ensure that responders have experience with on-water free-oil recovery.</p>	<p>Deploy free-oil recovery strike teams upwind and up current of the Nantucket Harbor.</p> <p>Use aerial surveillance to locate incoming slicks.</p>





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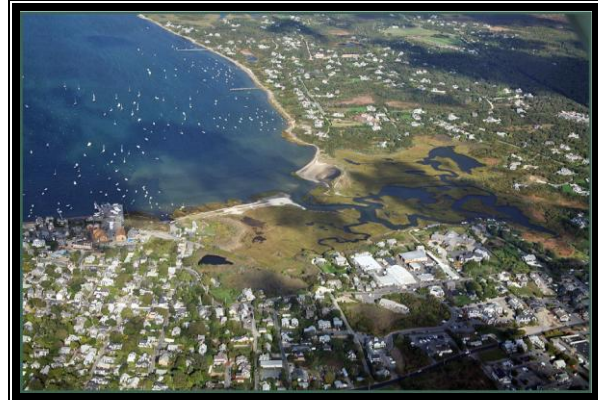
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ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
CI-28-01 	Deployment <i>Equipment</i> 5100 ft. 16 to 18" boom 23 anchor systems 8 anchor stakes <i>Vessels</i> 2 skiffs <i>Personnel/Shift</i> 4 total (1 operator, 1 responder per vessel) Tending <i>Vessels</i> 1 skiff <i>Personnel/Shift</i> 2 total (1 operator, 1 responder per vessel)	Nantucket Harbor Boat ramps may not be useable at low tide.	Fish-shellfish, finfish Birds-waterfowl concentration Marine mammals-seals Habitat- marsh, sheltered tidal flats Human Use- Commercial boat harbor, aquaculture grants, high-use recreational area	Vessel master should have local knowledge. Tested: not yet
CI-28-02 	Deployment <i>Equipment</i> 500 ft. snare or sorbent boom <i>Vessels/Personnel/Shift</i> Same as CI-28-01 Tending <i>Vessels/Personnel/Shift</i> Same as CI-28-01	Same as CI-28-01	Same as CI-28-01	Use snare boom for persistent oils and sorbent boom for non-persistent oils.
CI-28-03 	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Same as CI-28-01	Same as CI-28-01	Vessel master should have local knowledge. Use extreme caution, shoal waters with rocks & continually shifting sand bars. Currents and winds are locally variable and can create dangerous operating environments.





Site Photographs and Contact Information



Clockwise from above (1) Ack Harbor boat basin and marsh looking south. (2) Ack Harbor marsh looking east. (3) Ack Harbor looking south. (4) First Point looking south. (5) Ack Harbor entrance looking towards Polpis looking northeast. (6) Ack Harbor boat basin looking northeast.

Contact Information:

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