

# MassDEP Boston Harbor Geographic Response Strategy

# Hough's Neck BH08

## Tactics Legend

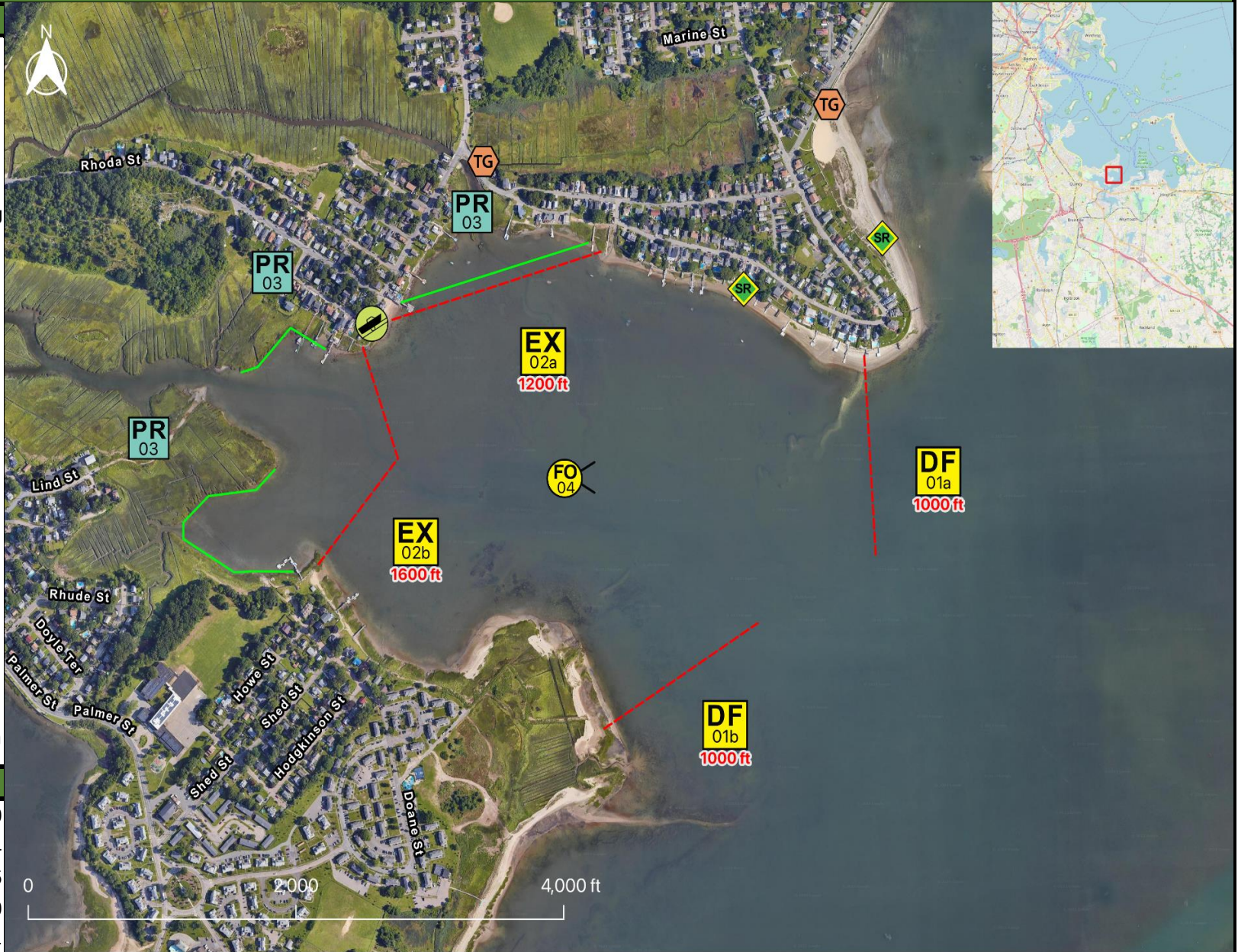
- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
- BB** Beach Berm
- TG** Tide Gate
-  Protected-Water Boom
-  Open-Water Boom
-  Snare/ Sorbent Boom

## Equipment - All Tactics

Boom(ft)	4800
Marine anchors	24
Shore anchors	6
Sorbent Boom(ft)	4300
FO Recovery Sys	1
Shore Responders	2
Boat Responders	9
Boats	3

## Version

2/15/2023



## Response Trailer, Tactics Deployment, and Responder Safety Information











A total of 5 state response trailers are required to implement all the tactics in this GRS. 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.

## Location

**Latitude:** 42°15'31" N  
**Longitude:** 70°57'25" W  
**NOAA Chart #** 13270

# Geographic Response Strategy

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Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
 <b>TG</b>	Tide Gates can act as an effective exclusion tactic during a spill to control the flow of oil into sensitive areas.	Coordinate with the local agency or organization that controls the tide gate, lock, or hurricane barrier to determine if the barrier could be closed to minimize spilled oil movement.		Consult with UC and appropriate local officials knowledgeable in the operation and limitations of tide gate. If needed, deploy hard boom or sorbent material around the entrance to the tide gate to ensure a proper seal. Tide gate system must be monitored throughout tidal cycle. See Special considerations for additional gate-specific information.
		N/A	Testing Date	
 <b>DF-01a</b>	Direct spilled oil away from a location to be protected or to change the course of the slick.	1000 ft protected water boom 5 marine anchor system 1 shoreline anchor system	2 shore responders 2 response boats 6 boat responders	Tend through tidal changes. Deploy boom as depicted to deflect incoming oil away from sensitive areas. Anchor every 200-300'. Deploy shoreside anchor first.
		N/A	Testing Date	
 <b>DF-01b</b>	Direct spilled oil away from a location to be protected or to change the course of the slick.	1000 ft protected water boom 5 marine anchor system 1 shoreline anchor system	2 shore responders 2 response boats 6 boat responders	Tend through tidal changes. Deploy boom as depicted to deflect incoming oil away from sensitive areas. Anchor every 200-300'. Deploy shoreside anchor first.
		N/A	Testing Date	
 <b>EX-02a</b>	Prohibit oil slicks from entering a sensitive area	1200 ft protected water boom 6 marine anchor system 2 shoreline anchor system	2 shore responders 2 response boats 6 boat responders	Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent. Deploy shoreside anchor first.
		N/A	Testing Date	
 <b>EX-02b</b>	Prohibit oil slicks from entering a sensitive area	1600 ft protected water boom 8 marine anchor system 2 shoreline anchor system	2 shore responders 2 response boats 6 boat responders	Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent. Deploy shoreside anchor first. Readjust boom angle as needed to reduce entrapment
		N/A	Testing Date	
 <b>PR-03</b>	Remove spilled oil by collecting it in a sorbent material	2000 ft sorbent boom 2000 ft sorbent pom-poms 57 anchor stakes	2 shore responders	Place and stake snare or sorbent boom in areas that are likely to pool and collect oil and across the mouths of the streams and intertidal areas. Use snare boom for persistent oils and sorbent boom for non-persistent oils. Approach the streams and intertidal areas on rising tide. Replace as necessary to maximize oil recovery.
		N/A	Testing Date	
 <b>PR-03</b>	Remove spilled oil by collecting it in a sorbent material	800 ft sorbent boom 800 ft sorbent pom-poms 23 anchor stakes	2 shore responders	Place and stake snare or sorbent boom in areas that are likely to pool and collect oil and across the mouths of the streams and intertidal areas. Use snare boom for persistent oils and sorbent boom for non-persistent oils. Approach the streams and intertidal areas on rising tide. Replace as necessary to maximize oil recovery.
		N/A	Testing Date	
 <b>PR-03</b>	Remove spilled oil by collecting it in a sorbent material	1500 ft sorbent boom 1500 ft sorbent pom-poms 43 anchor stakes	2 shore responders	Place and stake snare or sorbent boom in areas that are likely to pool and collect oil and across the mouths of the streams and intertidal areas. Use snare boom for persistent oils and sorbent boom for non-persistent oils. Approach the streams and intertidal areas on rising tide. Replace as necessary to maximize oil recovery.
		N/A	Testing Date	
 <b>FO-04</b>	Contain and recover spilled oil on the water in the offshore & nearshore environment	1 or more onwater skimming systems		Deploy on-water recovery task force(s) in configuration suitable for types of vessels used and sea conditions, with skimming system(s) and temporary storage for recovered oil and water. Location not exact, will move to chase oil.
		N/A	Testing Date	
 <b>SR-05</b>	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	2 skimming system 2 storage tank or bladder 2 hoses, pumps, fittings	2 shore responders	Set up shoreside recovery tactic at general location depicted on map. Some access points located at private residences. Access may be difficult.
		N/A	Testing Date	

Local contacts

City of Quincy – Public Works	<a href="tel:617-376-1910">617-376-1910</a>
Dept of Conservation & Recreation Rangers (24 Hour)	<a href="tel:617-722-1188">617-722-1188</a>
Mass. Dept of Environmental Protection (24 Hours)	<a href="tel:888-304-1133">888-304-1133</a>
Quincy Fire (24 Hour)	<a href="tel:617-376-1011">617-376-1011</a>
Quincy Police	<a href="tel:617-479-1212">617-479-1212</a>
Quincy Yacht Club	<a href="tel:617-471-6136">617-471-6136</a>
US Coast Guard (24 Hour)	<a href="tel:617-223-5757">617-223-5757</a>



Site of EX-02b, PR-03 entrance to Rock Island Cove Salt Marsh

Resources Protected

Marine Mammals	Harbor Porpoise, Harbor Seals
Fish	Anadromous, Finfish
Invertebrates	Lobster, crab, shrimp, shellfish
Birds	Shorebirds
Threat/End. Species	<b>None identified</b>
Cultural	<b>None identified</b>
Subsistence	<b>None identified</b>
Human Use	Beach, Marina, Boat Ramp, Recreational Fishing
Commercial Fishing	<b>None identified</b>
Land Management	<b>None identified</b>
Coastal Habitat	Beach, Marsh/Swamp, Rocky, Riprap, Tidal Flats



Site of EX-02a, PR-03 entrance to Joseph Street and Spring Street Marshes

Special Considerations & Navigational Hazards

Contact local DPW to open/close tide gates. Vessel operators should have local knowledge.