

Tactics Legend

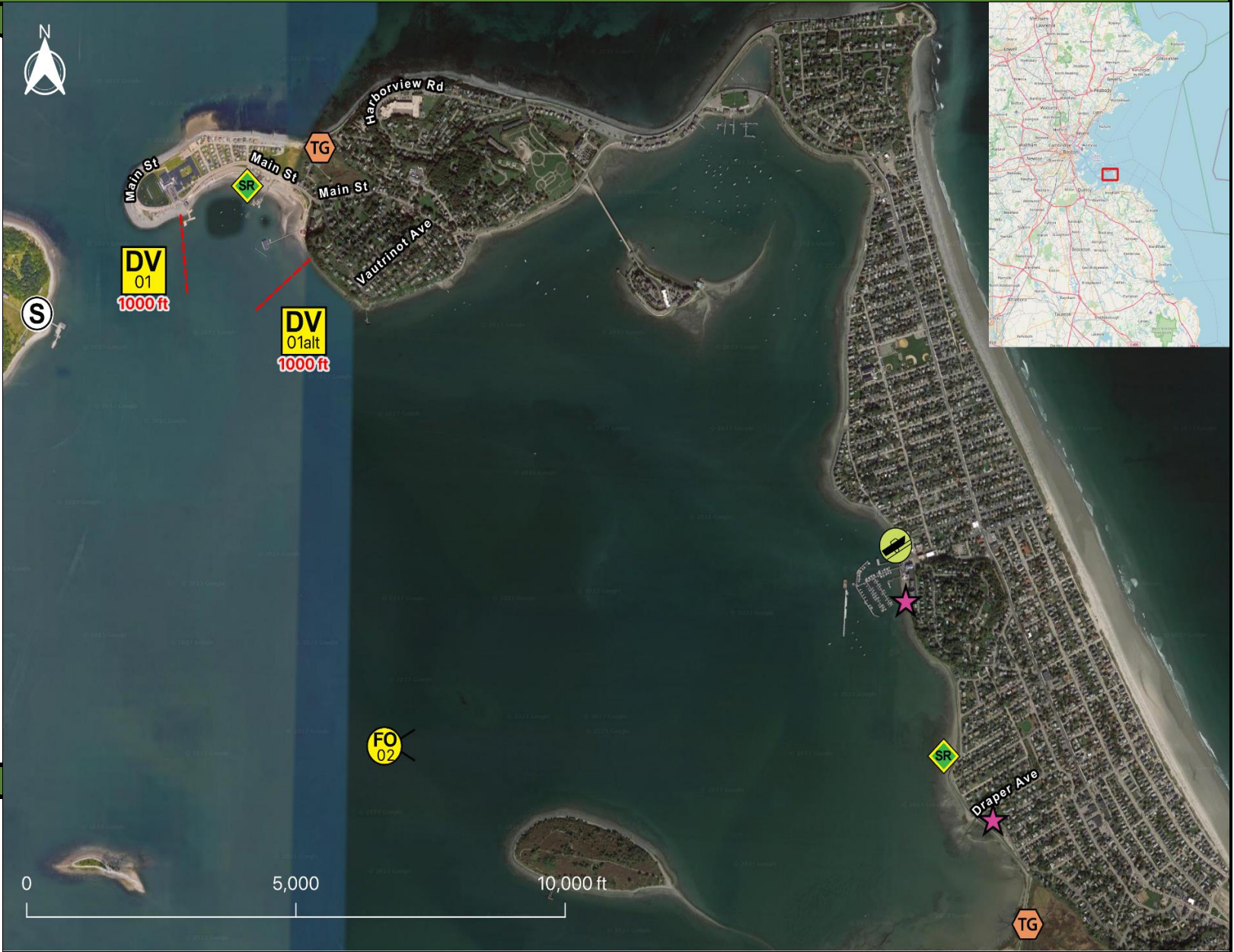
- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
- BB** Beach Berm
- TG** Tide Gate
-  Protected-Water Boom
-  Open-Water Boom
-  Snare/ Sorbent Boom

Equipment - All Tactics

Boom(ft)	2000
Marine anchors	10
Shore anchors	2
Sorbent Boom(ft)	0
FO Recovery Sys	1
Shore Responders	2
Boat Responders	6
Boats	2

Version

2/15/2023



Response Trailer, Tactics Deployment, and Responder Safety Information






A total of 2 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°17'39" N  
**Longitude:** 70°53'53" W  
**NOAA Chart #** 13270

**Geographic Response Strategy**

**Hull BH14**

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>DV-01</b> 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	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 divert incoming oil to the collection site. Anchor every 200-300'. Adjust angle as necessary to reduce entrainment. Set up shoreside recovery and tend throughout tide. Deploy shoreside anchor first.
			Testing Date	
<b>DV-01alt</b> 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	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 divert incoming oil to the collection site. Anchor every 200-300'. Adjust angle as necessary to reduce entrainment. Set up shoreside recovery and tend throughout tide. Deploy shoreside anchor first.
			Testing Date	
<b>FO-02</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-03</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

Dept of Conservation & Recreation Rangers (24 Hour)	<a href="tel:617-722-1188">617-722-1188</a>
Hull Dept of Public Works	<a href="tel:781-925-0900">781-925-0900</a>
Hull Fire	<a href="tel:781-925-8111">781-925-8111</a>
Hull Harbormaster	<a href="tel:781-925-0316">781-925-0316</a>
Mass. Dept of Environmental Protection (24 Hours)	<a href="tel:888-304-1133">888-304-1133</a>
US Coast Guard	<a href="tel:617-223-5757">617-223-5757</a>



Tide Gate located along Nantasket Road

Resources Protected

Marine Mammals	Atlantic White Sided Dolphin, Harbor Porpoise, Harbor Seals
Fish	Finfish
Invertebrates	Lobster, crab, shrimp, shellfish
Birds	Shorebirds, Seabirds, Nesting Sites
Threat/End. Species	Rare Plants
Cultural	<b>None identified</b>
Subsistence	<b>None identified</b>
Human Use	Beach
Commercial Fishing	<b>None identified</b>
Land Management	<b>None identified</b>
Coastal Habitat	Beach, Marsh/Swamp, Rocky, Riprap, Tidal Flats



Site of DV-01 pemberton Point from the west.

Special Considerations & Navigational Hazards

Tide gates located between Nantasket Road & Newport Road and Spring Street & Main Street. Contact local DPW to open/close tide gates. Pump Stations discharge runoff water from the mainland and do not need to be plugged. Bumpkin Island has high recreational use during the summer. Vessel operators should have local knowledge.