

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)	2800
Marine anchors	15
Shore anchors	6
Sorbent Boom(ft)	1400
FO Recovery Sys	0
Shore Responders	2
Boat Responders	6
Boats	2

Version

2/15/2023



Response Trailer, Tactics Deployment, and Responder Safety Information









A total of **3** 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: 41°37'43" N
Longitude: 70°49'2" W
NOAA Chart # 13232

Geographic Response Strategy

Brant Island Cove BB14

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
EX-01a 	Prohibit oil slicks from entering a sensitive area	1700 ft protected water boom 9 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	
EX-01b 	Prohibit oil slicks from entering a sensitive area	200 ft protected water boom 1 marine anchor system 2 shoreline anchor system	2 shore responders 1 response boats 3 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 entrainment
		N/A	Testing Date	
EX-01c 	Prohibit oil slicks from entering a sensitive area	900 ft protected water boom 5 marine anchor system 2 shoreline anchor system	2 shore responders 1 response boats 3 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 entrainment
		N/A	Testing Date	
BB-02 	Exclude spilled oil from impacting sensitive areas by constructing a barrier from natural materials	Build a beach berm. Use local beach & inter-tidal bar sediments. Don't destroy any part of foredune. If berm is expected to remain in place for more than a few days, place one or more 20' x 12" pipe in the channel & build berm on top of pipe. Use culvert plugs to control water flow through the pipe. Permitting may be required.		Construction of beach berms typically require the use of heavy equipment and should only be attempted by professional responders. Beach berms should not be constructed without explicit direction from the UC. Permits for earth-moving to construct beach berms are required from state and federal agencies (MADEP, Army Corp. of Eng) and concurrence from Natural Resource Trustee Agencies may also be required.
		N/A	Testing Date	
PR-03 	Remove spilled oil by collecting it in a sorbent material	400 ft sorbent boom 400 ft sorbent pom-poms 11 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	
PR-03 	Remove spilled oil by collecting it in a sorbent material	450 ft sorbent boom 450 ft sorbent pom-poms 13 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	
PR-03 	Remove spilled oil by collecting it in a sorbent material	550 ft sorbent boom 550 ft sorbent pom-poms 16 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	
SR-04 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	1 skimming system 1 storage tank or bladder 1 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

Mattapoissett Fire Dept.	(508) 758-4150
Mattapoissett Harbor Master	(508) 758-4191
Massachusetts Dept. of Fish and Wildlife	(508) 792-7270
The Coalition for Buzzards Bay	(508) 999-6363



Brant Island Cove looking southwest at low tide on 29 May 2004. (RPI photo)

Resources Protected

Marine Mammals	None identified
Fish	Shellfish, finfish, (oyster farm at head cove)
Invertebrates	None identified
Birds	Waterfowl concentration
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	Recreational Beaches, marina, private docks
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Large marsh system with tidal flats and marsh grasses, eel grass beds, sand and cobble beaches



EX-01a western shoreside anchor point looking north at low tide on 10 January 2008.

Special Considerations & Navigational Hazards

Two salt water intakes for private desalinization systems on west side of Brant Island. Maximum estimated current .5 kts. Large waves in SE wind. Submerged rocks in area.