

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)	2700
Marine anchors	14
Shore anchors	8
Sorbent Boom(ft)	0
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°42'25" N
Longitude: 70°37'13" W
NOAA Chart # 13236

Geographic Response Strategy

Tobys Island System BB29

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
EX-01a 	Prohibit oil slicks from entering a sensitive area	600 ft protected water boom 3 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
			Testing Date	
EX-01b 	Prohibit oil slicks from entering a sensitive area	500 ft protected water boom 3 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.
			Testing Date	
EX-01c 	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. Readjust boom angle as needed to reduce entrainment
			Testing Date	
EX-01d 	Prohibit oil slicks from entering a sensitive area	400 ft protected water boom 2 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
			Testing Date	
CB-02 	Prevent oil that has entered drainage systems from impacting waterways and sensitive areas	1 inflatable plug, sand bag, or plywood	2 shore responders	At low tide deploy appropriate size inflatable culvert plug in the culvert. Monitor to ensure blocking integrity. Without culvert plug, place plywood or similar sheeting material across the culvert. Use plastic sheeting to ensure the seal. Stack sandbags against plywood to counter outflow pressure.
		N/A	Testing Date	
BB-03 	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	

Local contacts

Bourne Fire Department	(508) 759-4412
Bourne DNR	(508) 759-0600
Massachusetts Dept. of Fish and Wildlife	(508) 792-7270
The Coalition for Buzzards Bay	(508) 999-6363



Tobys Island and Cove looking north on 17 Jan 2008.

Resources Protected

Marine Mammals	None identified
Fish	Shellfish, finfish; highly valued shellfishing area
Invertebrates	None identified
Birds	Waterfowl concentration
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	Recreational beaches, private docks
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Extensive marsh system, marsh grasses, eel grass beds, sand and cobble beaches



Tobys Island Bridge (site of EX-01a) looking west at low tide on 17 Jan 2008.

Special Considerations & Navigational Hazards

Vessel operators should have local knowledge.