

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)	7300
Marine anchors	37
Shore anchors	8
Sorbent Boom(ft)	3000
FO Recovery Sys	1
Shore Responders	2
Boat Responders	9
Boats	3

Response Trailer, Tactics Deployment, and Responder Safety Information

A total of **8** 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°41'24" N
Longitude: 70°44'38" W
NOAA Chart # 13236

Version
 9/29/2022

Geographic Response Strategy

Sippican Harbor BB19

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
DV-01a 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	2100 ft protected water boom 11 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 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.
		N/A	Testing Date	
DV-01b 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	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 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.
		N/A	Testing Date	
EX-02a 	Prohibit oil slicks from entering a sensitive area	2400 ft protected water boom 12 marine anchor system 4 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
		N/A	Testing Date	
EX-02b 	Prohibit oil slicks from entering a sensitive area	600 ft protected water boom 3 marine anchor system 4 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.
		N/A	Testing Date	
EX-02c 	Prohibit oil slicks from entering a sensitive area	1000 ft protected water boom 5 marine anchor system 4 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	
PR-03 	Remove spilled oil by collecting it in a sorbent material	1600 ft sorbent boom 1600 ft sorbent pom-poms 46 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	1400 ft sorbent boom 1400 ft sorbent pom-poms 40 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	
FO-04 	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	
SR-05 	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

Marion Harbor Master	(508) 748-3535
Marion Fire Department	(508) 748-1177
Massachusetts Dept. of Fish and Wildlife	(508) 792-7270
The Coalition for Buzzards Bay	(508) 999-6363



Southeast side of harbor looking towards site of DV-01b at low tide on 29 May 2004. (RPI photo)

Resources Protected

Marine Mammals	None identified
Fish	Shellfish, finfish
Invertebrates	None identified
Birds	Waterfowl concentration
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	Large mooring field (app.1500 boats), aquaculture site north of Ram Island, Several private docks, 2 boat yards and yacht club, town beaches nearby
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Marsh, sheltered tidal-flats, barrier beach, eel grass beds, sand and cobble beaches, shoreline armament



Stewart Island and Silvershell Beach looking south (site of DV-01a and EX-02b & c). (RPI photo)

Special Considerations & Navigational Hazards

Moored vessels may need to be moved. Currents can exceed 3 kts in channel between Nyes Wharf and Ram Island. Use extreme caution shoal waters with numerous rocks. Expect long shore currents from the south