

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)	3200
Marine anchors	16
Shore anchors	4
Sorbent Boom(ft)	5300
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 4 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°25'29" N
Longitude: 70°55'35" W
NOAA Chart #

Geographic Response Strategy

Nahant NS32

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.	800 ft protected water boom 4 marine anchor system 1 shoreline anchor system	2 shore responders 1 response boats 3 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.	800 ft open water boom 4 marine anchor system 1 shoreline anchor system	2 shore responders 1 response boats 3 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. 36" boom staged in New Bedford and MMA. 42" boom staged at USCG Base Cape Cod. Contact MassDEP to access.
		N/A	Testing Date	
DF-02a 	Direct spilled oil away from a location to be protected or to change the course of the slick.	800 ft open water boom 4 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. 36" boom staged in New Bedford and MMA. 42" boom staged at USCG Base Cape Cod. Contact MassDEP to access.
		N/A	Testing Date	
DF-02b 	Direct spilled oil away from a location to be protected or to change the course of the slick.	800 ft open water boom 4 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. 36" boom staged in New Bedford and MMA. 42" boom staged at USCG Base Cape Cod. Contact MassDEP to access.
		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	
PR-03 	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.
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		N/A	Testing Date	
PR-03 	Remove spilled oil by collecting it in a sorbent material	900 ft sorbent boom 900 ft sorbent pom-poms 26 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	
CB-04 	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	
FO-05 	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-06 	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

Nahant Fire Department	781-581-1234
Nahant Harbormaster	781-581-0626
Nahant DPW	781-581-0026
Nahant SWIM	781-581-0075
U.S.C.G. Station Gloucester	978-283-0705
Mass Division of Marine Fisheries	617-626-1520
Environmental Police	800-632-8075



Harbormaster's dock at mid-tide on 02 June 2009. View looks east.

Resources Protected

Marine Mammals	Seals
Fish	Finfish
Invertebrates	Lobster, Crab, Shrimp
Birds	Seabirds, shorebirds
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	Boat Ramp, Beach, Port/Harbor
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Beach, Rocky Shore, Tidal Flats



Little Nahant at mid-tide on 02 June 2009. View looks west.

Special Considerations & Navigational Hazards

Migratory bird habitat. Extensive eel grass beds. Northeastern Marine Laboratory with water intake. DF strategies may need to be adjusted at each change of tide. Tide range 7-11 ft. Rocky shoreline at island bluffs. Mudflats exposed at low tide at Short Beach and Long Beach.