

Tactics Legend

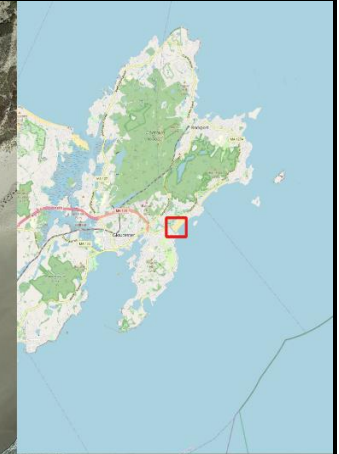
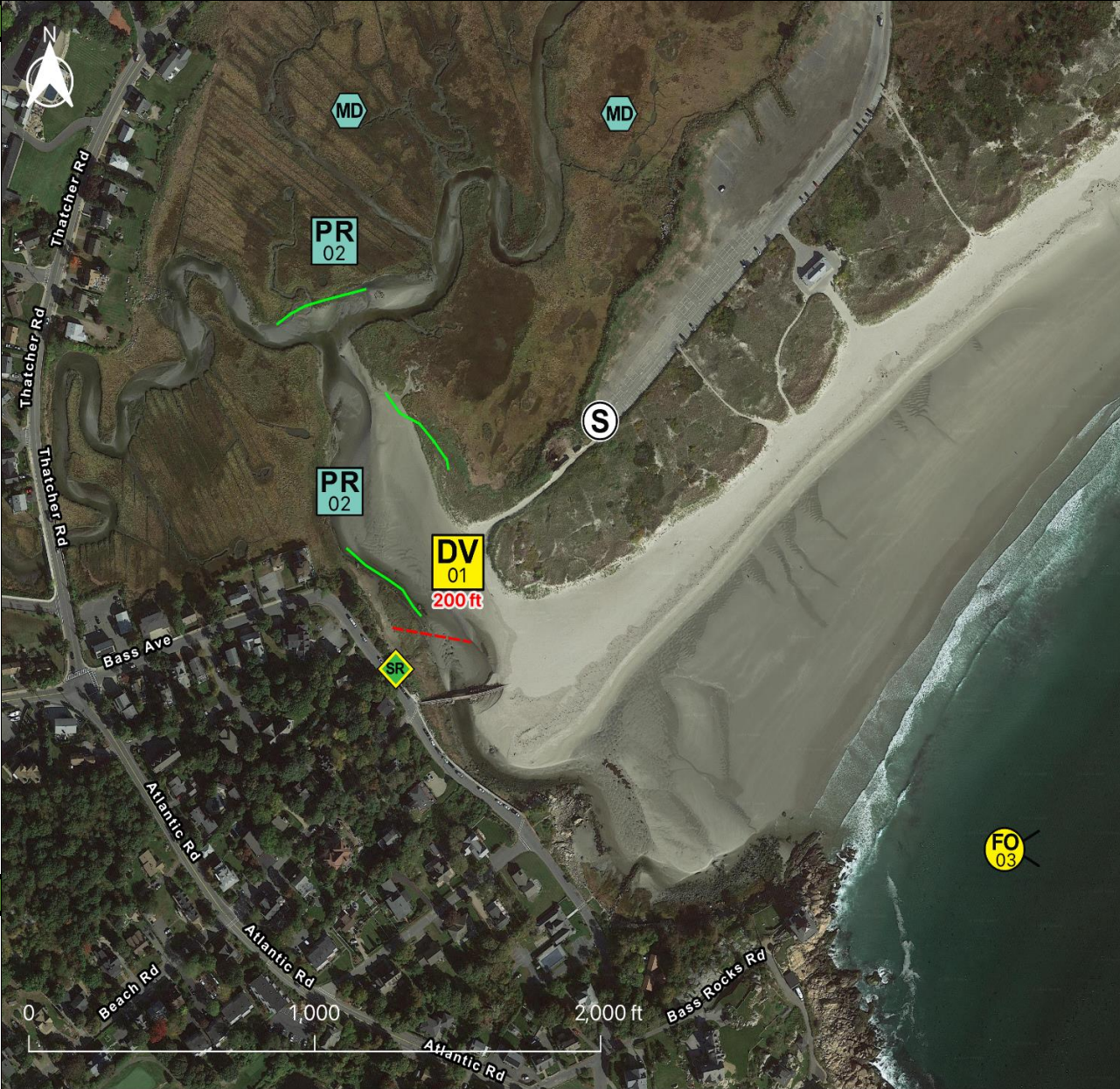
- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
- BB** Beach Berm
- TG** Tide Gate
-  Protected-Water Boom
-  Open-Water Boom
-  Snare/ Sorbent Boom

Equipment - All Tactics

Boom(ft)	200
Marine anchors	1
Shore anchors	1
Sorbent Boom(ft)	750
FO Recovery Sys	1
Shore Responders	2
Boat Responders	3
Boats	2

Version

2/15/2023



Response Trailer, Tactics Deployment, and Responder Safety Information






A total of 1 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°37'8" N
Longitude: 70°38'0" W
NOAA Chart # 13279

Geographic Response Strategy

Good Harbor Beach NS16

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
DV-01 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	200 ft protected water boom 1 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	
PR-02 	Remove spilled oil by collecting it in a sorbent material	250 ft sorbent boom 250 ft sorbent pom-poms 7 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-02 	Remove spilled oil by collecting it in a sorbent material	500 ft sorbent boom 500 ft sorbent pom-poms 14 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-03 	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-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

Gloucester Fire Department	978-281-9760
Gloucester Harbormaster	978-282-3012
Gloucester Shellfish Constable	978-281-9781
Mass Bays Estuary Assn	978-374-0519
U.S.C.G. Station Gloucester	978-283-0705
Mass Division of Marine Fisheries	617-626-1520
Environmental Police	800-632-8075



Good Harbor Beach and site of DV-01 and PR-02 (09 April 2008 photo)

Resources Protected

Marine Mammals	None identified
Fish	None identified
Invertebrates	Shellfish, Urchins
Birds	Shorebirds
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	None identified
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Beach, Marsh, Rocky Shore, Tidal Flats



Good Harbor Beach Inlet at low tide looking northwest on (26 June 2009 photo)

Special Considerations & Navigational Hazards

Tidal range 7-10 ft. Current less than 2 kts. Vessel operators should have local knowledge.