

# MassDEP North Shore Geographic Response Strategy

# Gloucester Inner Harbor NS18

## Tactics Legend

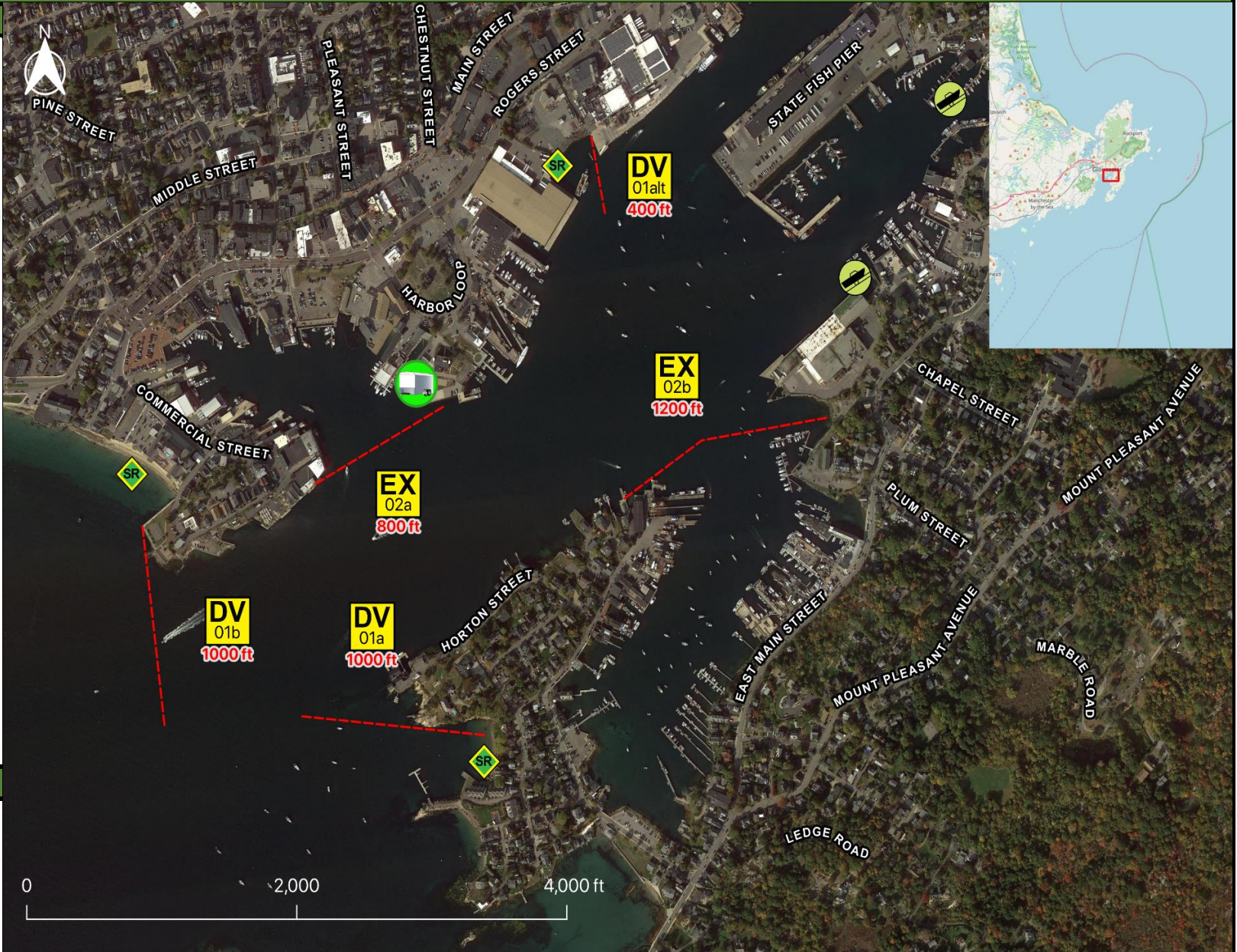
- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
- BB** Beach Berm
- TG** Tide Gate
-  Protected-Water Boom
-  Open-Water Boom
-  Snare/ Sorbent Boom

## Equipment - All Tactics

Boom(ft)	4400
Marine anchors	22
Shore anchors	7
Sorbent Boom(ft)	0
FO Recovery Sys	0
Shore Responders	2
Boat Responders	9
Boats	3

## Version

2/22/2022



## Response Trailer, Tactics Deployment, and Responder Safety Information







A total of 5 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°36'32" N  
**Longitude:** 70°39'35" W  
**NOAA Chart #** 13281

**Geographic Response Strategy**

**Gloucester Inner Harbor NS18**

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
<b>DV-01a</b> 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	1000 ft protected water boom 5 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.
			<b>Testing Date</b>	
<b>DV-01alt</b> 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	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 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.
			<b>Testing Date</b>	
<b>DV-01b</b> 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	1000 ft protected water boom 5 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.
			<b>Testing Date</b>	
<b>EX-02a</b> 	Prohibit oil slicks from entering a sensitive area	800 ft protected water boom 4 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.
		10/10/17	<b>Testing Date</b>	
<b>EX-02b</b> 	Prohibit oil slicks from entering a sensitive area	1200 ft protected water boom 6 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
			<b>Testing Date</b>	
<b>SR-03</b> 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	3 skimming system 3 storage tank or bladder 3 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	<b>Testing Date</b>	

**Local contacts**

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



*Pavilion Beach shoreside recovery location near DV-01b site at low tide looking northwest (26 June 2009 photo)*

**Resources Protected**

Marine Mammals	None identified
Fish	None identified
Invertebrates	None identified
Birds	Shorebirds, Nesting Sites
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	Beach, Marina, Recreational Fishing, Port/Harbor, Coast Guard
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	None identified



*Site access at Smith Cove at low tide looking east (26 June 2009 photo)*

**Special Considerations & Navigational Hazards**

EX-02a/b can also be deployed to contain oil spills originating from land or water sources within Harbor and Smith Coves. Tide range 7-11 ft. Large number of commercial and recreational vessels. Broadcast channel closures via Local Notice to Mariners. Vessel operators should have local knowledge.