

MassDEP Boston Harbor Geographic Response Strategy

Mystic River BH03

Tactics Legend



Deflection Booming



Diversion Booming



Exclusion Booming



Free Oil Recovery



Passive Recovery



Shoreside Recovery



Staging Area



Boat Ramp



Beach Berm



Tide Gate

 Protected-Water Boom

■ ■ Open-Water Boom

 Snare/ Sorbent Boom

Equipment - All Tactics

Boom(ft)	7750
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Marine anchors 40

Shore anchors	12
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Sorbent Boom(ft)	0
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FO Recovery Sys	0
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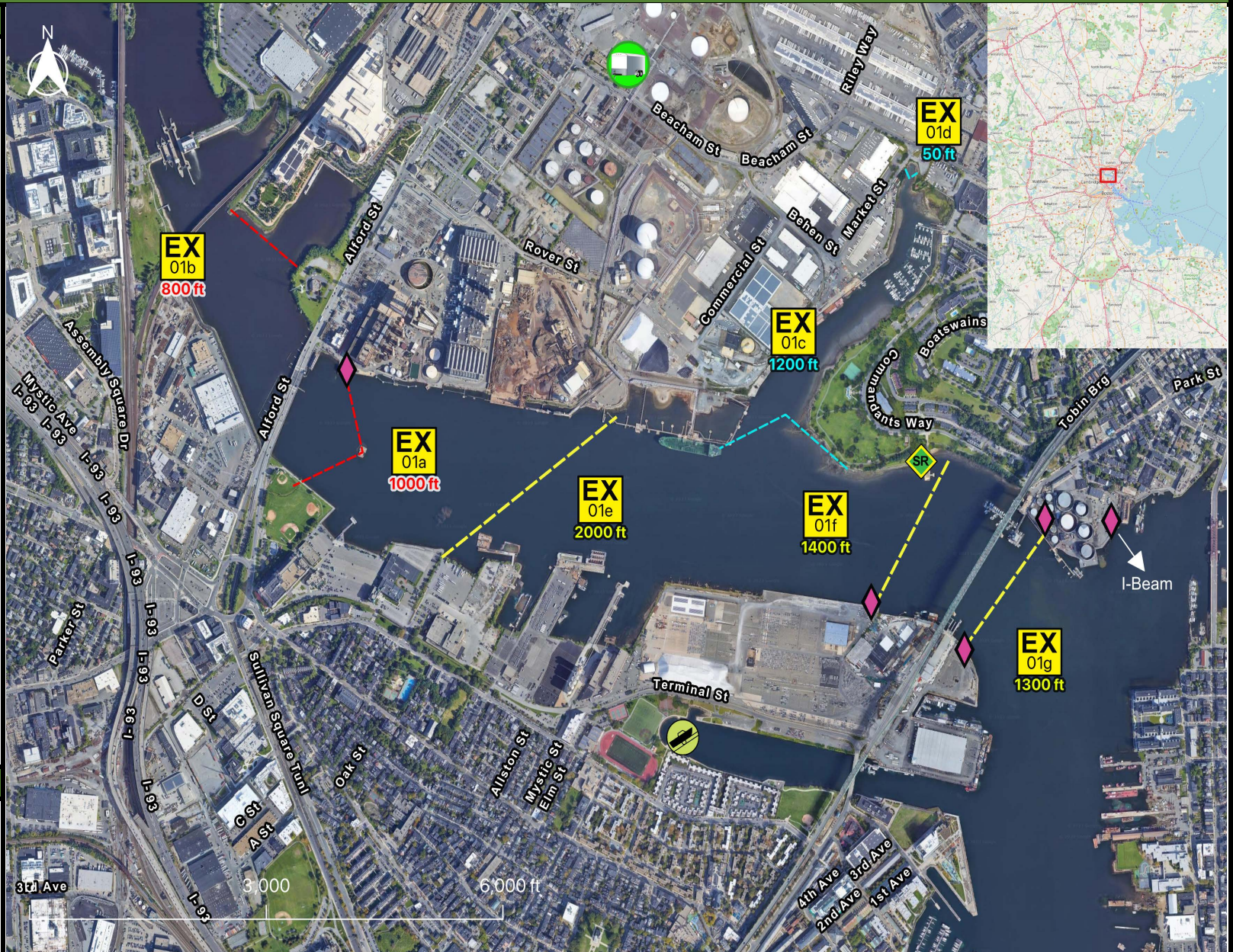
Shore Responders	2
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Boat Responders	9
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Boats 3

Version

2/15/2023



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: 42°23'14" N

Longitude: 71°3'36" W

NOAA Chart # 13272

Geographic Response Strategy

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Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
EX-01a 	Prohibit oil slicks from entering a sensitive area	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 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	N Tested	
EX-01b 	Prohibit oil slicks from entering a sensitive area	800 ft protected water boom 4 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	N Tested	
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. Alternate deployment with tide - reset during slack. Readjust boom angle as needed to reduce entrainment
		05/02/18 Testing Date	Y Tested	
EX-01d 	Prohibit oil slicks from entering a sensitive area	50 ft protected water boom 1 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. Alternate deployment with tide - reset during slack. Readjust boom angle as needed to reduce entrainment
		Testing Date	N Tested	
EX-01e 	Prohibit oil slicks from entering a sensitive area	2000 ft protected water boom 10 marine anchor system 2 shoreline anchor system	2 shore responders 2 response boats 6 boat responders	Developed in cooperation with another agency. 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	N Tested	
EX-01f 	Prohibit oil slicks from entering a sensitive area	1400 ft protected water boom 7 marine anchor system 2 shoreline anchor system	2 shore responders 2 response boats 6 boat responders	Developed in cooperation with another agency. 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	N Tested	
EX-01g 	Prohibit oil slicks from entering a sensitive area	1300 ft protected water boom 7 marine anchor system 0 shoreline anchor system	0 shore responders 2 response boats 6 boat responders	Developed in cooperation with another agency. Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent.
		Testing Date	N Tested	
SR-02 	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	Developed in cooperation with another agency. 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	Tested	

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Local contacts

Boston Fire Department	617-343-2880
Boston Generating	617-381-2374
Boston Harbor Spill Response Co-Op	617-951-9957
Boston Police Harbor Master	617-343-4721
Chelsea Emergency Management	617-466-4660
Chelsea Fire Department	617-466-4600
Department of Conservation and Recreation - Division of Flood Control's Charles River DAM	617-727-0488
Distrigas (ENGIE Gas & LNG LLC)	617-381-8554
Everett Police Marine Unit	617-387-1212
Everett Fire Department	617-387-7443



Mystic River Lock

Resources Protected

Marine Mammals	None identified
Fish	Anadromous, Finfish
Invertebrates	Lobster, crab, shrimp
Birds	Shorebirds, Seabirds, Nesting Areas
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	Boat Ramp, Marina, Beach, Water Intake, Recreational Fishing, Mooring Field, Lock/Dam, Regional Park
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Beach, Rocky, Riprap, Tidal Flats, Marsh/Swamp



Boat Ramp at Wellington Yacht Club

Special Considerations & Navigational Hazards

To determine if locks can/should/need to be closed contact the DCR Division of Flood Control's Charles River DAM office. Before deploying EX01f or EX01g contact Massport. Boston Generating has water intakes located on the Everett side of the Alford Street Bridge. If practicable contact MASS DCR prior to conducting response activity at Mary O'Malley Park.