

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)	4000
Marine anchors	20
Shore anchors	8
Sorbent Boom(ft)	0
FO Recovery Sys	0
Shore Responders	2
Boat Responders	6
Boats	2

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°22'9" N
Longitude: 70°58'28" W
NOAA Chart # 13272

Version

2/15/2023

Geographic Response Strategy

Winthrop BH01

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
TG 	Tide Gates can act as an effective exclusion tactic during a spill to control the flow of oil into sensitive areas.	Coordinate with the local agency or organization that controls the tide gate, lock, or hurricane barrier to determine if the barrier could be closed to minimize spilled oil movement.		Consult with UC and appropriate local officials knowledgeable in the operation and limitations of tide gate. If needed, deploy hard boom or sorbent material around the entrance to the tide gate to ensure a proper seal. Tide gate system must be monitored throughout tidal cycle. See Special considerations for additional gate-specific information.
		N/A	Testing Date	
DV-01 	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.
			Testing Date	
EX-02a 	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.
			Testing Date	
EX-02b 	Prohibit oil slicks from entering a sensitive area	1500 ft protected water boom 8 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.
			Testing Date	
EX-02c 	Prohibit oil slicks from entering a sensitive area	300 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.
			Testing Date	
SR-03 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	7 skimming system 7 storage tank or bladder 7 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

Boston Fire Department	617-343-2880
Boston Harbor Spill Response Co-Op	617-951-9957
Dept of Conservation & Recreation Rangers (24 Hour)	617-722-1188
Department of Conservation and Recreation - Division of Flood Control's Charles River DAM Alternate	617-727-0488
Irving Terminal	781-289-4201 ext.300
Mass. Dept of Environmental Protection (24 Hours)	888-304-1133
Massport Police (24 Hours) – For Logan Airport	617-464-8250
MWRA Water (24 Hours) – For Deer Island	617-305-5950
U.S. Coast Guard (24 Hours)	617-223-5757



Entrance to Belle Isle Marsh

Resources Protected

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



Snake Island

Special Considerations & Navigational Hazards

This area (DV-01) has been identified as an Area of Critical Environmental Concern (ACEC). Upland terns and Plovers nest on Snake Island from April - October. Responders should not disturb nesting areas. Winthrop beach is a rare bird breeding habitat. The Sales Creek tide gate has one-way drainage and should be closed by the DCR Charles River Dam Office. The tide gate near Shirley Street has bi-directional flow and should be closed by Winthrop Dept. of Public Works.