



Boston Harbor Geographic Response Plan

Winthrop BH-1



Map Legend			
BB Beach Berm	DF Deflection Booming	TG Tide Gate	Protected-water Boom (Flood Tide)
CB Culvert Block	EX Exclusion Booming	Lock	Protected-water Boom (Ebb Tide)
DV Diversion Booming	Shoreside Recovery	Boat Ramp	Snare or Sorbent Boom
PR Passive Recovery	FO Free-oil Recovery	Beach Berm Material	Booming Strategy Developed by Other Agency
		Outfall	

A total of 4 State Response Trailers are required to implement all of the tactics in this GRP.




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. The strategies contained within this plan have been designed to mitigate a potential off-shore or off-site release that could impact the subject plan area. When responding to other types of spills these tactics will likely require significant modification.





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ID	Location and Description	Response Strategy	Implementation
BH-01-01 	Winthrop Nearshore waters in the general area of: Lat. 42°22'26.09"N Lon. 70°59'53.02"W	Divert & Collect On a flooding tide, position 3 cascaded legs of boom to divert oil to the shoreline area for recovery.	Deploy 3 legs of boom, each 400ft in length from the shore of Logan Airport to the Winthrop shore along Court Road. Contact Massport before attempting to deploy this tactic. Shoreside recovery should be set up along Court Road. Tend boom throughout tidal cycle.
BH-01-02 	Various Locations a.) Snake Island Lat. 42°22'1.32"N Lon. 70°58'51.61"W b.) Belle Isle Bridge Lat. 42°22'52.76"N Lon. 70°59'41.32"W c.) Interior of Belle Isle Marsh Lat. 42°23'35.56"N Lon. 70°59'38.65"W	Exclusion Booming Exclude oil from entering the sensitive marshes and inlets.	a.) Deploy 1000ft of boom in a semicircle formation around the entrance to the marsh on Snake Island. b.) Extend 1500ft of boom in a single leg from the western shore in front of the Belle Isle Bridge to the eastern shore near Pleasant Street (in front of the Atlantis Marina). c.) Deploy 300ft of boom around the edge of the marsh to prevent oil from moving into the marsh in the event of a mainland spill at the Irving Terminal. Deploy anchors every 200ft and tend throughout the tidal cycle.
BH-01 	Various Locations Coughlin Park Lat. 42°21'44.20"N Lon. 70°58'19.34"W Along Tafts Avenue Lat. 42°21'8.39"N Lon. 70°57'54.43"W	Shoreside Recovery Deploy shoreside recovery tactics in areas with shoreline access.	Set up shoreside recovery tactics on beaches and along bulk heads. An ideal location for shoreside recovery would be a place with close road access, where a Vac Truck could easily be placed.





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ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
BH-01-01 	Deployment Equipment 1200 ft 18” boom 10 anchor systems 2 anchor stakes 1 shoreside recovery system Vessels 2 skiffs Personnel/Shift 6-8 total (1 vessel operator + 1 responder per vessel, 4 shoreside responders) Tending Vessels 1 skiff Personnel/Shift 3-4 total (1 vessel operator + 1 responder per vessel, 2 shoreside responders)	From I-90/1A. Turn on to Bennington Street. For the East Boston Yacht Club, turn right on Byron St, then left on Coleridge St and then right on Rice St. For the Orient Heights Yacht Club, turn right on Saratoga St and then right on Bayswater St. For the additional ramp, continue on Saratoga St (turns into Main St). Take a right on Pleasant St, turn right on Court Rd and then right on Loring Road. NOAA Chart 13272	Fish – Finfish Birds – Shorebirds, Seabirds, Nesting Areas Threatened Species – Upland Sand Piper Invertebrates – Lobster, crab, shrimp, shellfish Human Use – Airport, Beach, Boat Ramp, Marina, Mooring Field, Water Intake Habitat - Beach, Marsh/Swamp, Rocky, Riprap, Tidal Flats	This area has been identified as an Area of Critical Environmental Concern (ACEC). Vessel master should have local knowledge. Vessel operators should be aware of low-flying aircraft Consider the time of year and relative presence of recreational boats when preparing to implement these strategies. Consult with the local harbor master to develop a plan to address the presence of recreational boaters. Consider encouraging the immediate removal of recreational boats from target areas in the event of a spill if time allows. Tested: not yet
BH-01-02 	Deployment Equipment (All sites) 2800 ft 18” boom 11 anchor systems 6 anchor stakes Vessels/Personnel Same as BH-01-01	Same as BH-01-01	Same as BH-01-01	Snake Island is operated by the Dept. of Conservation and Recreation. Upland Terns and Plovers next on Snake Island from April – October. Responders should not disturb the nesting areas.
BH-01 	Deployment Equipment (All sites) Vac Truck	From Hwy 145, turn right on Shirley St, then left on Tafts Ave. There are multiple possible shoreside recovery locations along Tafts Ave.	Same as BH-01-01	Same as BH-01-01





Site Photographs and Contact Information



Boat Ramp at the East Boston Yacht Club.



Location of DV01



Boat Ramp at Orient Heights Yacht Club.



Snake Island



Entrance to Belle Isle Marsh

Contacts:

Winthrop Harbormaster: 617-846-3473
Winthrop Fire Dept: 617-846-3474
Winthrop Conservation Commission: 617-539-5821
Mass. Dept of Environmental Protection (24 Hours):
888-304-1133
U.S. Coast Guard (24 Hours): 617-223-5757
Massport Police (24 Hours) – For Logan Airport:
617-464-8250
Boston Harbor Spill Co-Op: 617-951-9957
Irving Terminal: 781.289.4201, ext. 300
MWRA Water (24 Hours) – For Deer Island: 617-305-5950
Dept of Conservation & Recreation Rangers (24 Hour) – For
Snake Island: 617-722-1188
Boston Fire Department: 617-343-2880

