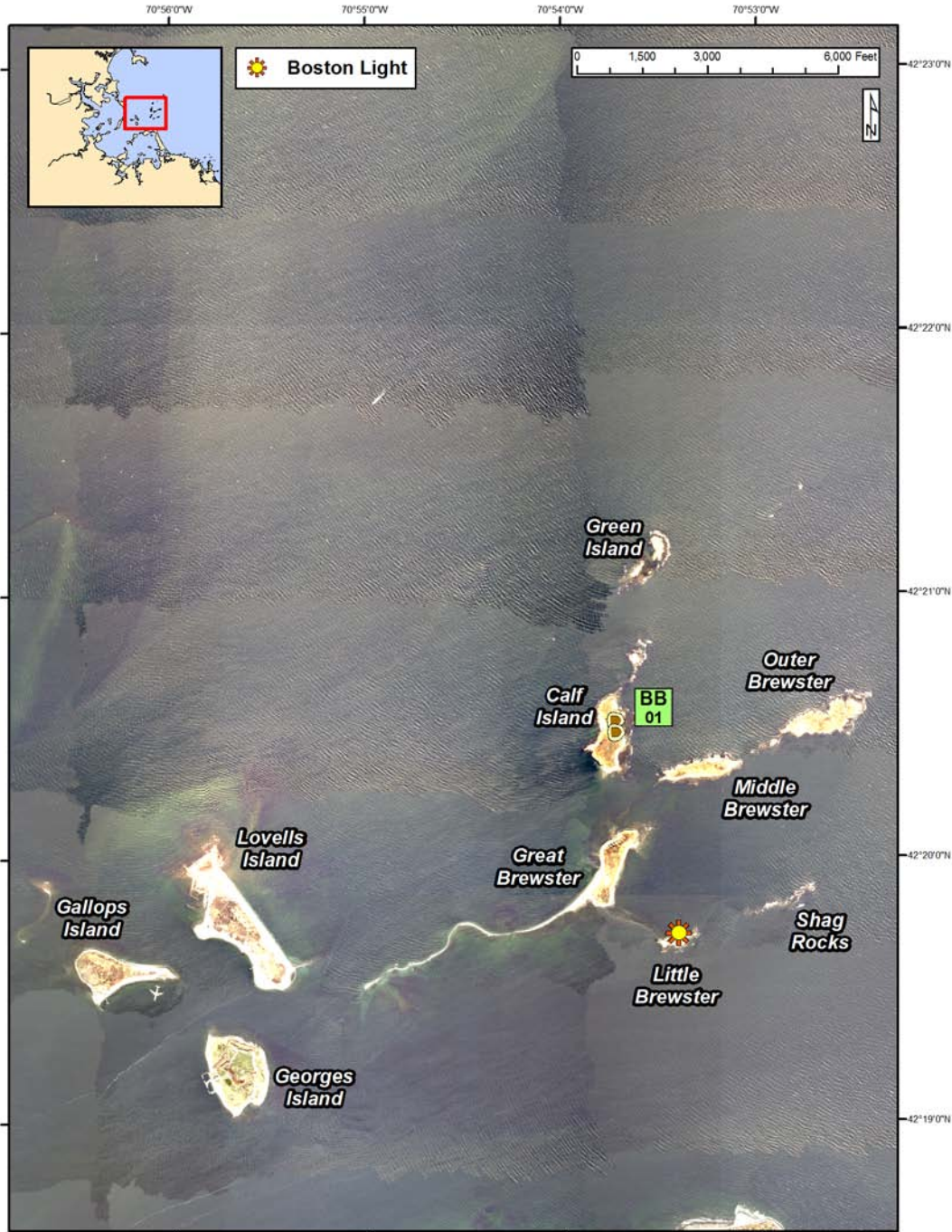




Boston Harbor Geographic Response Plan

Boston Harbor Outer Islands BH-18



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

A total of 1 State Response Trailer is 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-18-01 	Calf Island Lat. 42°20'30.06"N Lon. 70°53'45.33"W	Beach Berm Prevent oil from entering the interior marsh on Calf Island.	Permits for earth-moving to construct beach berms are required from state and federal agencies (MADEP, Army Corp) and concurrence from Natural Resource Trustee Agencies may also be required. Beach berms should not be constructed without explicit direction from the Unified Command. Build a beach berm approximately 300 ft long. Use local beach and inter-tidal bar sediments. Do not destroy any part of foreshore. If the dike is expected to remain in place for more than a few days, place one or more 20' x 12" pipe in the channel and build the dike on top of the pipe. Use culvert plugs to control water flow through the pipe.





Boston Harbor Geographic Response Plan

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ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
BH-18-01 	Deployment Equipment Local beach material 1 tractor with front end loader 2 pipe (20' x 12") 2 culvert plugs 24 sand bags 2 spade shovels 1 air pump Personnel/Shift 3-4 shoreside responders	There are potential staging areas located on Gallops, Lovells and Georges Island. Permission may need to be obtained before setting up a staging area in this location. NOAA Chart 13270	Marine Mammals – Atlantic White Sided Dolphin, Harbor Porpoise, Harbor Seals Fish – Finfish Birds – Shorebirds, Seabirds, Nesting Sites Invertebrates – Lobster, crab, shrimp, shellfish Threatened Species – Rare Plants Habitat - Beach, Marsh/Swamp, Rocky, Riprap, Tidal Flats	Coordinate with DCR Monitor for incoming oil Consider the time of year and relative presence of recreational boats when preparing to implement these strategies. Consult with the local harbormaster 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. Lovells Island is a rare bird breeding habitat. Georges Island should first be considered as a staging area.





Site Photographs and Contact Information



Boston Light on Little Brewster



Boston Light on Little Brewster



Georges Island



Gallops Island



Interior marsh on Calf Island.

Contact Information

Army Corps of Engineers: 978-318-8111
Dept of Conservation & Recreation Rangers (24 Hours):
617-722-1188
Mass. Dept of Environmental Protection (24 Hours):
888-304-1133
U.S. Coast Guard (24 Hours): 617-223-5757
US-DOI-National Parks Boston Harbor Islands
Superintendent: 617-480-4845

