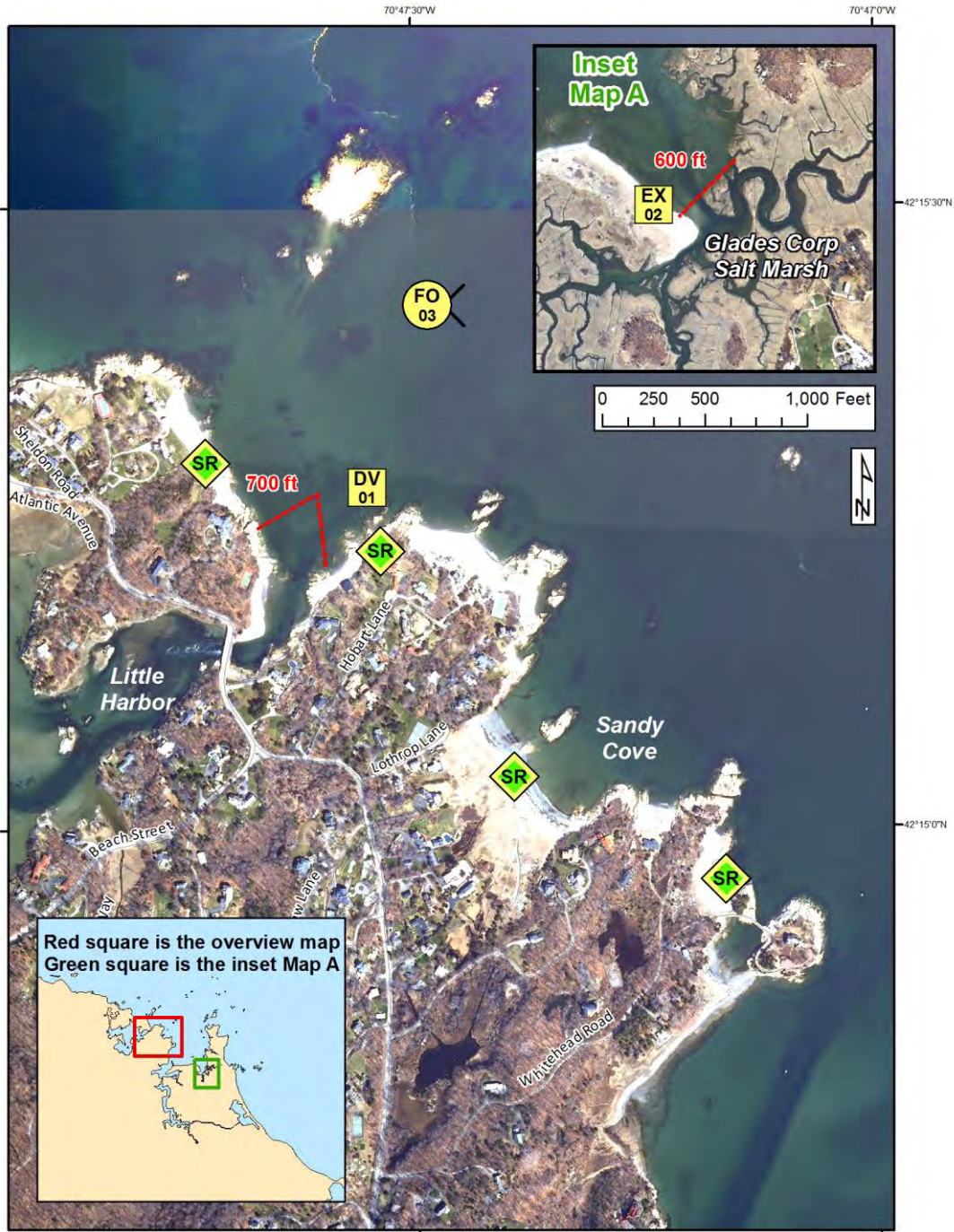




# South Shore Geographic Response Plan

## Outer Cohasset Harbor SS-01



| Map Legend                  |                              |                       |                                   |
|-----------------------------|------------------------------|-----------------------|-----------------------------------|
| <b>BB</b> Beach Berm        | <b>DF</b> Deflection Booming | <b>TG</b> Tide Gate   |                                   |
| <b>CB</b> Culvert Block     | <b>EX</b> Exclusion Booming  | Boat Ramp             |                                   |
| <b>DV</b> Diversion Booming | <b>SR</b> Shoreside Recovery | Beach Berm Material   | Protected-water Boom (Flood Tide) |
| <b>PR</b> Passive Recovery  | <b>FO</b> Free-oil Recovery  | GRP Trailer Locations | Snare or Sorbent Boom             |





A total of 2 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.





# South Shore Geographic Response Plan

## Outer Cohasset Harbor SS-01





| ID  | Location and Description  | Response Strategy   | Implementation  |
|---|---|---|---|
| SS-01-01<br>   | <b>Entrance to Little Harbor</b><br>Lat. 42°15'12.27"N<br>Lon. 70°47'37.32"W          | <b>Divert &amp; Collect</b><br>On a flooding tide, divert oil to shoreside collection points.   | Deploy 700ft of boom in a closed chevron formation from the shore near the entrance to Little Harbor. There are fine sand beaches on each side of the entrance. These are ideal locations for shoreside recovery.<br><br>Deploy anchors every 200ft and tend boom throughout tidal cycle. |
| SS-01-02<br>   | <b>Entrance to Glades Corp Salt Marsh</b><br>Lat. 42°14'29.54"N<br>Lon. 70°46'21.94"W | <b>Exclusion Booming</b><br>Exclude oil from entering the sensitive marshes.  | Deploy 600ft of boom from the shore at Bassings Beach to the shore on the other side of the entrance to the Glades Corp Salt Marsh.<br><br>Deploy anchors every 200ft and tend throughout the tidal cycle.  |
| SS-01-03<br> | <b>Outer Cohasset Harbor</b>  | <b>Free-Oil Recovery</b><br>Maximize free-oil recovery in the offshore & nearshore environment of Cohasset Harbor depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of the area. Use aerial surveillance to locate incoming slicks. Ensure that responders have experience with on-water free-oil recovery.   |
| SS-01<br>    | <b>Sandy Cove</b><br>Lat. 42°15'2.86"N<br>Lon. 70°47'21.70"W                          | <b>Shoreside Recovery</b><br>Deploy shoreside recovery tactics in areas with shoreline access.  | <b>Shoreside Recovery</b><br>Set up shoreside recovery tactics on beaches. An ideal location for shoreside recovery would be along a road, where a Vac Truck would have easy access to the shore.<br><br>Access may be difficult.   |





# South Shore Geographic Response Plan

## Outer Cohasset Harbor SS-01

| ID  | Response Resources   | Staging Area Site Access   | Resources Protected   | Special Considerations   |
|---|--|--|---|--|
| SS-01-01<br>   | <b>Deployment Equipment</b><br>700 ft 18" boom<br>3 anchor systems<br>2 anchor stakes<br>2 shoreside recovery systems<br><b>Vessels</b><br>2 skiffs<br><b>Personnel/Shift</b><br>6-8 total (1 vessel operator + 1 responder per vessel, 4 shoreside responders)<br><b>Tending Vessels</b><br>1 skiff<br><b>Personnel/Shift</b><br>3-4 total (1 vessel operator + 1 responder per vessel, 2 shoreside responders) | The closest boat ramp is located at the Cohasset Harbor Marina, in GRP document <b>SS-02 Inner Cohasset Harbor</b> , see last page of this GRP for photos:<br>From South Main Street, turn on to Summer Street. Continue on as Summer St turns into Border Street. Turn left on Parker Ave and follow to the end.<br>There is a boat ramp located at the Cohasset Harbor Marina.<br><br>NOAA Chart 13269 | <b>Fish</b> – Anadromous, Finfish<br><br><b>Invertebrates</b> – Lobster, crab, shrimp, shellfish<br><br><b>Birds</b> – Shorebirds, Seabirds<br><br><b>Threatened Species</b> – Roseate Tern<br><br><b>Human Use</b> – Recreational Fishing<br><br><b>Habitat</b> - Beach, Marsh, Rocky, Tidal Flats | Vessel master should have local knowledge.<br><br>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.<br><br>Tested: not yet |
| SS-01-02<br>   | <b>Deployment Equipment</b><br>600 ft 18" boom<br>2 anchor systems<br>2 anchor stakes<br><b>Vessels/Personnel &amp; Tending</b><br>Same as SS-01-01  | Same as SS-01-01   | Same as SS-01-01  | Same as SS-01-01   |
| SS-01-03<br> | Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.  | Same as SS-01-01   | Same as SS-01-01  | Vessel master should have local knowledge. Free-oil recovery should only be attempted if conditions permit and by experienced responders.  |
| SS-01<br>    | <b>Deployment Equipment</b><br>Vac Truck or shoreside recovery system  | Same as SS-01-01   | Same as SS-01-01  | Most access points are located at private residences. Access to these sites may be difficult.  |







**Site Photographs and Contact Information**



View looking south towards DV-01.



View looking south towards shoreside recovery location in Sandy Cove.



View looking southeast towards the opening to Glades Corp Salt Marsh. (EX-02)



Boat ramp located at Cohasset Harbor Marina is located in the bottom right hand corner. (GRP SS-02 Inner Cohasset Harbor)



Boat Ramp located at Cohasset Harbor Marina.  
(GRP SS-02 Inner Cohasset Harbor)

**Contacts:**

Cohasset Harbormaster: 781-383-0863  
Cohasset Fire Dept: 781-383-6154  
Cohasset Dept of Emergency Management: 781-383-0388  
Mass. Dept of Environmental Protection (24 Hours):  
888-304-1133  
U.S. Coast Guard (24 Hours): 617-223-5750

Mutual Aid is available from other communities within the Buzzard's Bay GRP region that have state response trailers. More information can be found on the following MassDEP web site: <http://www.mass.gov/eea/agencies/massdep/cleanup/marine/#5>

Additional information regarding State Response Trailers, including locations and inventories can be found here: <http://www.mass.gov/eea/agencies/massdep/cleanup/marine/oil-spill-training-and-equipment-resources.html>

