

Tactics Legend

- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
- BB** Beach Berm
- TG** Tide Gate
-  Protected-Water Boom
-  Open-Water Boom
-  Snare/ Sorbent Boom

Equipment - All Tactics

| | |
|------------------|------|
| Boom(ft) | 1650 |
| Marine anchors | 8 |
| Shore anchors | 6 |
| Sorbent Boom(ft) | 0 |
| FO Recovery Sys | 1 |
| Shore Responders | 2 |
| Boat Responders | 3 |
| Boats | 2 |

Version

2/22/2022



Response Trailer, Tactics Deployment, and Responder Safety Information








A total of 2 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°15'12" N |
| Longitude: | 70°52'57" W |
| NOAA Chart # | 13270 |

Geographic Response Strategy

Hingham Harbor BH12

| 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 | |
| EX-01a  | Prohibit oil slicks from entering a sensitive area | 800 ft protected water boom 4 marine anchor system 4 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. Readjust boom angle as needed to reduce entrainment |
| | | N/A | Testing Date | |
| EX-01b  | Prohibit oil slicks from entering a sensitive area | 600 ft protected water boom 3 marine anchor system 4 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. Readjust boom angle as needed to reduce entrainment |
| | | N/A | Testing Date | |
| EX-01c  | Prohibit oil slicks from entering a sensitive area | 250 ft protected water boom 1 marine anchor system 4 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. |
| | | 09/28/17 | Testing Date | |
| CB-02  | Prevent oil that has entered drainage systems from impacting waterways and sensitive areas | 2 inflatable plug, sand bag, or plywood | 2 shore responders | At low tide deploy appropriate size inflatable culvert plug in the culvert. Monitor to ensure blocking integrity. Without culvert plug, place plywood or similar sheeting material across the culvert. Use plastic sheeting to ensure the seal. Stack sandbags against plywood to counter outflow pressure |
| | | N/A | Testing Date | |
| FO-03  | Contain and recover spilled oil on the water in the offshore & nearshore environment | 1 or more onwater skimming systems | | Deploy on-water recovery task force(s) in configuration suitable for types of vessels used and sea conditions, with skimming system(s) and temporary storage for recovered oil and water. Location not exact, will move to chase oil. |
| | | N/A | Testing Date | |
| SR-04  | 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 | 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

| | |
|--|---|
| Dept of Conservation & Recreation Rangers (24 Hour) | 617-722-1188 |
| Hingham Fire | 781-749-1212 |
| Hingham Dept of Public Works | 781-741-1430 |
| Hingham Harbormaster | 781-741-1450 |
| Mass. Dept of Environmental Protection (24 Hours) | 888-304-1133 |
| US Coast Guard (24 Hour) | 617-223-5757 |



Whitney Wharf Park area and site of EX-01c

Resources Protected

| | |
|---------------------|--|
| Marine Mammals | Harbor Porpoise, Harbor Seals |
| Fish | Anadromous, Finfish |
| Invertebrates | Lobster, crab, shrimp, shellfish |
| Birds | Seabirds, Shorebirds, Nesting Areas |
| Threat/End. Species | None identified |
| Cultural | None identified |
| Subsistence | None identified |
| Human Use | Access, Beach, Boat Ramp, Marina, Recreational Fishing |
| Commercial Fishing | None identified |
| Land Management | None identified |
| Coastal Habitat | Beach, Marsh/Swamp, Rocky, Riprap, Tidal Flats |



Culvert at CB-02b

Special Considerations & Navigational Hazards

Area of Critical Environmental Concern. There is fuel available at the Hingham Yacht Club. Tide gate is opened for fish passage and may need to be closed in spills. Contact local DPW. Vessel operators should have local knowledge.