

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) | 2700 |
| Marine anchors | 14 |
| Shore anchors | 8 |
| Sorbent Boom(ft) | 0 |
| FO Recovery Sys | 0 |
| Shore Responders | 2 |
| Boat Responders | 6 |
| Boats | 2 |

Version

9/29/2022



Response Trailer, Tactics Deployment, and Responder Safety Information







A total of **3** 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: 41°42'25" N
Longitude: 70°37'13" W
NOAA Chart # 13236

Geographic Response Strategy

Tobys Island System BB29

| Tactic # | Purpose | Response Equipment | Deployment Resources | Deployment Notes |
|---|---|---|---|--|
| EX-01a  | 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 |
| | | | Testing Date | |
| EX-01b  | Prohibit oil slicks from entering a sensitive area | 500 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. |
| | | | Testing Date | |
| EX-01c  | Prohibit oil slicks from entering a sensitive area | 1200 ft protected water boom 6 marine anchor system 4 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. Readjust boom angle as needed to reduce entrainment |
| | | | Testing Date | |
| EX-01d  | Prohibit oil slicks from entering a sensitive area | 400 ft protected water boom 2 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 |
| | | | Testing Date | |
| CB-02  | Prevent oil that has entered drainage systems from impacting waterways and sensitive areas | 1 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 | |
| BB-03  | Exclude spilled oil from impacting sensitive areas by constructing a barrier from natural materials | Build a beach berm. Use local beach & inter-tidal bar sediments. Don't destroy any part of foreshore. If berm is expected to remain in place for more than a few days, place one or more 20' x 12" pipe in the channel & build berm on top of pipe. Use culvert plugs to control water flow through the pipe. Permitting may be required. | | Construction of beach berms typically require the use of heavy equipment and should only be attempted by professional responders. Beach berms should not be constructed without explicit direction from the UC. Permits for earth-moving to construct beach berms are required from state and federal agencies (MADEP, Army Corp. of Eng) and concurrence from Natural Resource Trustee Agencies may also be required. |
| | | N/A | Testing Date | |

Local contacts

| | |
|--|---|
| Bourne Fire Department | (508) 759-4412 |
| Bourne DNR | (508) 759-0600 |
| Massachusetts Dept. of Fish and Wildlife | (508) 792-7270 |
| The Coalition for Buzzards Bay | (508) 999-6363 |



Tobys Island and Cove looking north on 17 Jan 2008.

Resources Protected

| | |
|---------------------|--|
| Marine Mammals | None identified |
| Fish | Shellfish, finfish; highly valued shellfishing area |
| Invertebrates | None identified |
| Birds | Waterfowl concentration |
| Threat/End. Species | None identified |
| Cultural | None identified |
| Subsistence | None identified |
| Human Use | Recreational beaches, private docks |
| Commercial Fishing | None identified |
| Land Management | None identified |
| Coastal Habitat | Extensive marsh system, marsh grasses, eel grass beds, sand and cobble beaches |



Tobys Island Bridge (site of EX-01a) looking west at low tide on 17 Jan 2008.

Special Considerations & Navigational Hazards

Vessel operators should have local knowledge.