

Tactics Legend

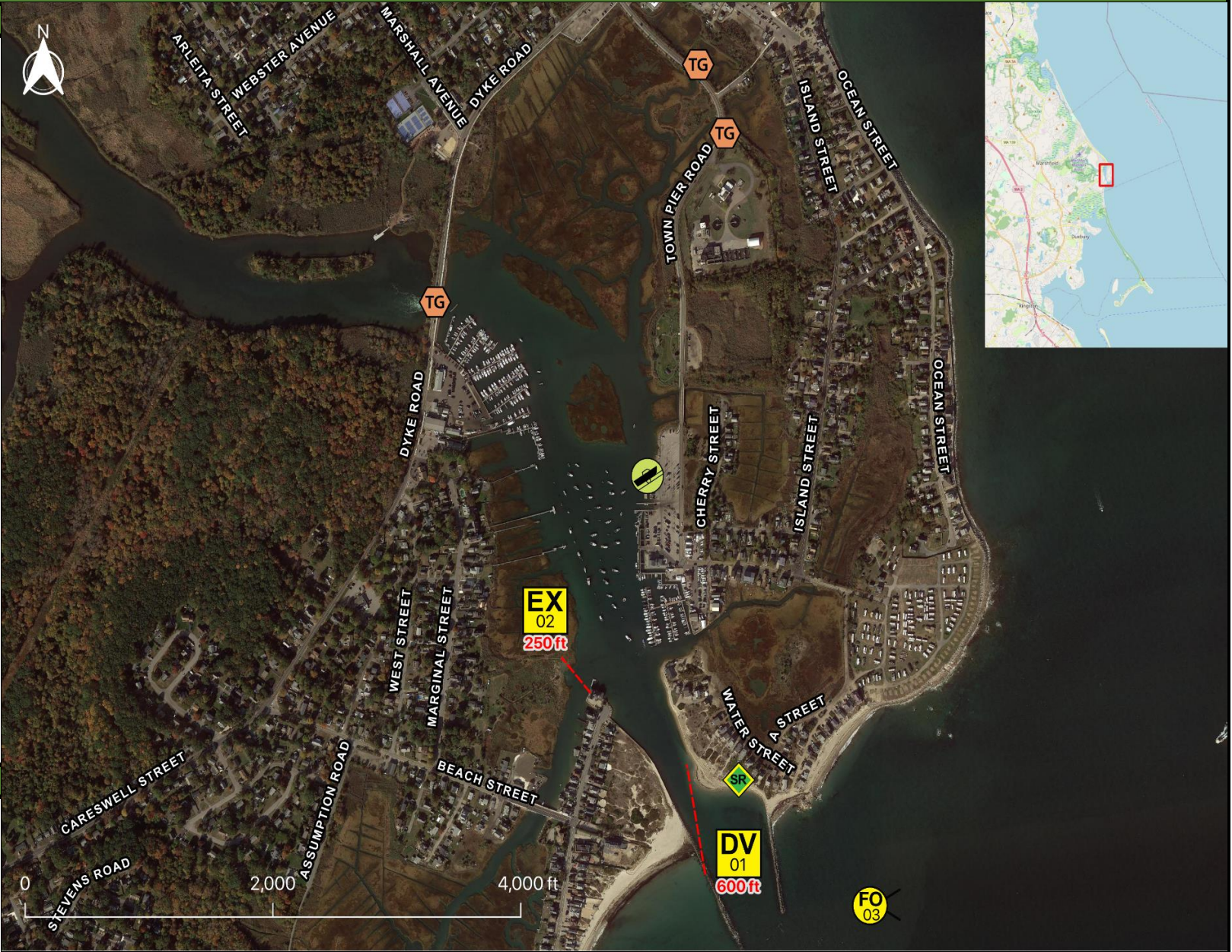
- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
- BB** Beach Berm
- TG** Tide Gate
-  Protected-Water Boom
-  Open-Water Boom
-  Snare/ Sorbent Boom

Equipment - All Tactics

|                  |     |
|------------------|-----|
| Boom(ft)         | 850 |
| Marine anchors   | 4   |
| Shore anchors    | 4   |
| 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 1 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°4'49" N  
**Longitude:** 70°38'41" W  
**NOAA Chart #** 13253

# Geographic Response Strategy

Green Harbor SS08

| Tactic #   | Purpose   | Response Equipment   | Deployment Resources  | Deployment Notes   |
|--|---|--|---|--|
| <b>TG</b><br>    | 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  |  |
| <b>DV-01</b><br> | Redirect spilled oil from one location or direction of travel to a specific site for recovery.                      | 600 ft protected water boom<br>3 marine anchor system<br>4 shoreline anchor system   | 2 shore responders<br>1 response boats<br>3 boat responders | Tend through tidal changes. Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust angle as necessary to reduce entrainment. Set up shoreside recovery and tend throughout tide. Deploy shoreside anchor first.  |
|  |   |  | Testing Date  |  |
| <b>EX-02</b><br> | Prohibit oil slicks from entering a sensitive area  | 250 ft protected water boom<br>1 marine anchor system<br>4 shoreline anchor system   | 2 shore responders<br>1 response boats<br>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  |  |
| <b>FO-03</b><br> | 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  |  |
| <b>SR-04</b><br> | Remove spilled oil that has been diverted to a designated recovery site accessible from shore                       | 1 skimming system<br>1 storage tank or bladder<br>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

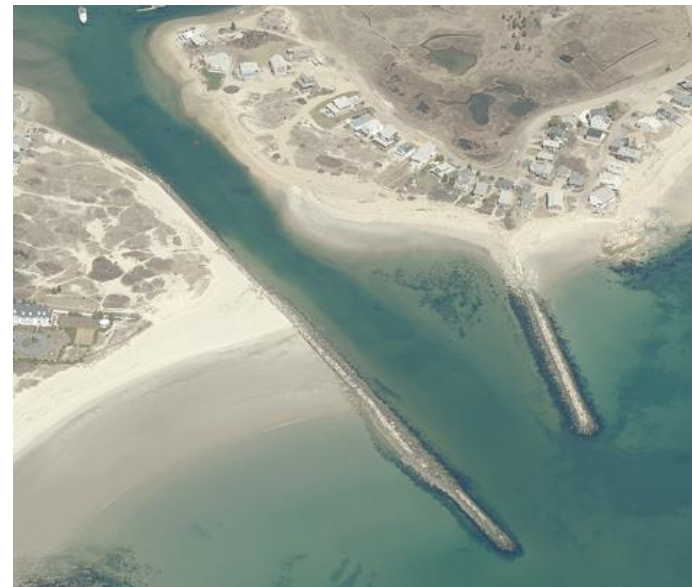
|   |   |
|---|---|
| Marshfield Conservation Commission                | <a href="tel:781-834-5573">781-834-5573</a> |
| Marshfield Dept of Public Works                   | <a href="tel:781-834-5575">781-834-5575</a> |
| Marshfield Emergency Management Agency            | <a href="tel:781-837-7100">781-837-7100</a> |
| Marshfield Fire Dept                              | <a href="tel:781-837-1315">781-837-1315</a> |
| Marshfield Harbormaster                           | <a href="tel:781-834-5541">781-834-5541</a> |
| Mass. Dept of Environmental Protection (24 Hours) | <a href="tel:888-304-1133">888-304-1133</a> |
| U.S. Coast Guard (24 Hours)                       | <a href="tel:617-223-5750">617-223-5750</a> |



View looking southwest towards the entrance to the marsh behind Beach Street. (EX-02)

Resources Protected

|                     |   |
|---------------------|---|
| Marine Mammals      | Harbor Seals                            |
| Fish                | None identified                         |
| Invertebrates       | Shellfish                               |
| Birds               | Seabirds                                |
| Threat/End. Species | None identified                         |
| Cultural            | None identified                         |
| Subsistence         | None identified                         |
| Human Use           | Boat Ramp, Marina, Recreational Fishing |
| Commercial Fishing  | None identified                         |
| Land Management     | None identified                         |
| Coastal Habitat     | Beach, Marsh, Rocky, Riprap             |



View looking north towards the entrance to Green Harbor. (DV-01)

Special Considerations & Navigational Hazards

Extensive marsh area vulnerable to flooding during high tide or storm surge. Tide gate on Dyke Road is very large. Two gates located on Town Pier Road are smaller and are manually opened and closed. The tide gates may take a few hours to close. Contact local DPW to open/close tide gates. Vessel operators should have local knowledge.