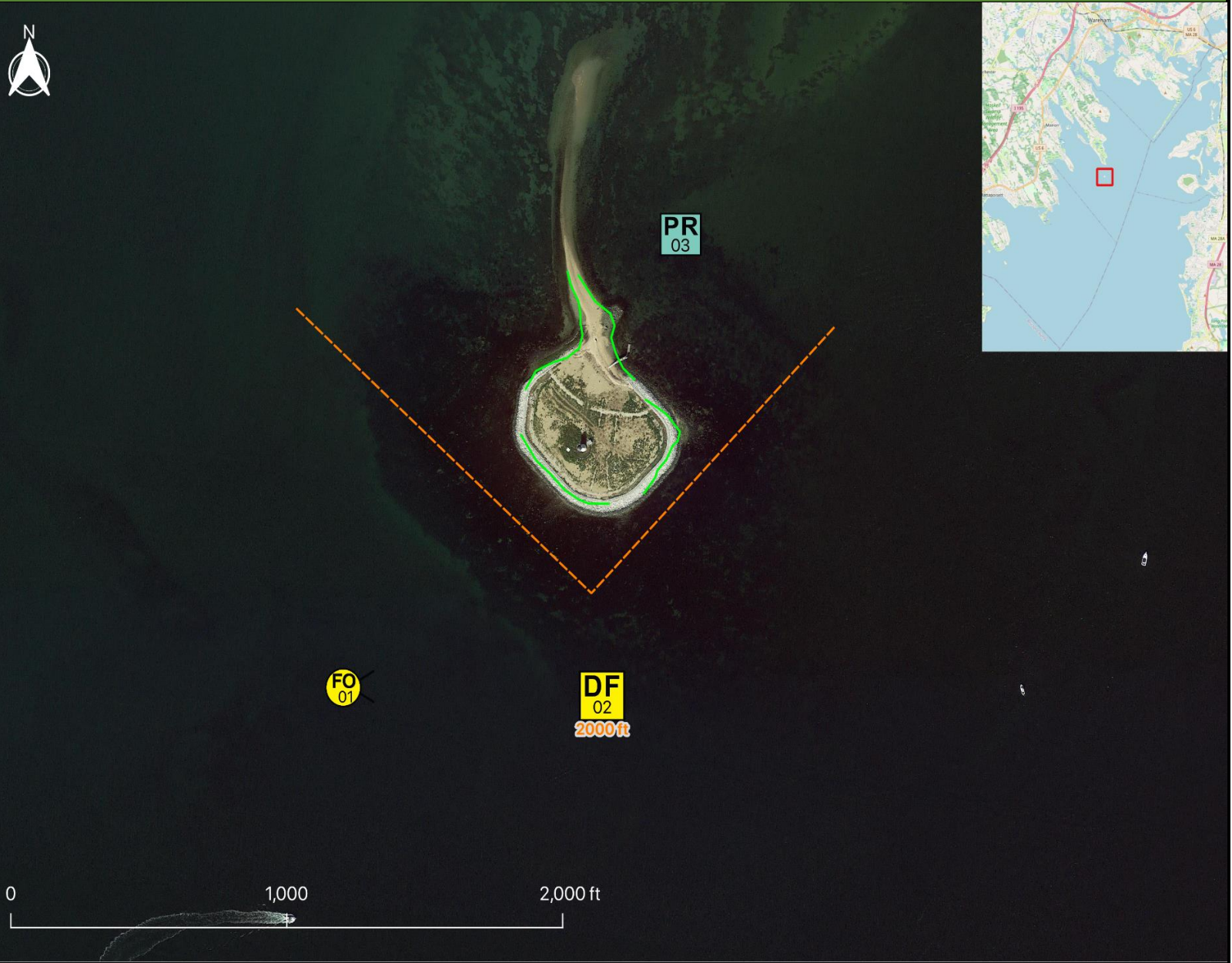


MassDEP Buzzards Bay Geographic Response Strategy

Bird Island BB20

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)	2000
Marine anchors	10
Shore anchors	0
Sorbent Boom(ft)	1300
FO Recovery Sys	1
Shore Responders	2
Boat Responders	6
Boats	2

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: 41°40'9" N
Longitude: 70°43'2" W
NOAA Chart # 13230

Version
 9/29/2022

Geographic Response Strategy

Bird Island BB20

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
FO-01 	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	
DF-02 	Direct spilled oil away from a location to be protected or to change the course of the slick.	2000 ft open water boom	0 shore responders	Tend through tidal changes. Deploy boom as depicted to deflect incoming oil away from sensitive areas. Anchor every 200-300'. Readjust boom angle as needed to reduce entrainment 36" boom staged in New Bedford and MMA. 42" boom staged at USCG Base Cape Cod. Contact MassDEP to access.
		10 marine anchor system	2 response boats	
		0 shoreline anchor system	6 boat responders	
			Testing Date	N Tested
PR-03 	Remove spilled oil by collecting it in a sorbent material	1300 ft sorbent boom	2 shore responders	Place and stake snare or sorbent boom in areas that are likely to pool and collect oil and across the mouths of the streams and intertidal areas. Use snare boom for persistent oils and sorbent boom for non-persistent oils. Approach the streams and intertidal areas on rising tide. Replace as necessary to maximize oil recovery.
		1300 ft sorbent pom-poms		
		37 anchor stakes		
		N/A	Testing Date	Tested

Local contacts

Mattapoissett Fire Dept.	(508) 758-4150
Mattapoissett Harbor Master	(508) 758-4191
Mattapoissett First Responder	(508) 758-9669
Marion Harbor Master	(508) 748-3535
Marion Fire Department	(508) 748-1177
Massachusetts Dept. of Fish and Wildlife	(508) 792-7270
Massachusetts Audubon IBA Program	(781) 837-9400
The Coalition for Buzzards Bay	(508) 999-6363



Bird Island looking west at low tide on 8 Sep 2004

Resources Protected

Marine Mammals	None identified
Fish	Shellfish, finfish
Invertebrates	None identified
Birds	Waterfowl concentration, Roseate Tern (state/federally endangered)
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	None identified
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Extensive tidal flat and eel grass beds, sand and cobble beaches

Site photo provided for reference

Special Considerations & Navigational Hazards

Managed breeding site for Roseate Tern. Vessel operators should have local knowledge.