

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)	3900
Marine anchors	26
Shore anchors	9
Sorbent Boom(ft)	0
FO Recovery Sys	1
Shore Responders	2
Boat Responders	6
Boats	2

Version

2/16/2023



Response Trailer, Tactics Deployment, and Responder Safety Information










A total of 4 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°16'52" N
Longitude: 70°12'25" W
NOAA Chart #

Geographic Response Strategy

Madaket Harbor CI27

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
DF-01a 	Direct spilled oil away from a location to be protected or to change the course of the slick.	800 ft protected water boom 7 marine anchor system 1 shoreline anchor system	2 shore responders 2 response boats 6 boat responders	Tend through tidal changes. Deploy boom as depicted to deflect incoming oil away from sensitive areas. Anchor every 200-300'. Deploy shoreside anchor first.
		N/A	Testing Date	
DF-01b 	Direct spilled oil away from a location to be protected or to change the course of the slick.	800 ft protected water boom 7 marine anchor system 1 shoreline anchor system	2 shore responders 2 response boats 6 boat responders	Tend through tidal changes. Deploy boom as depicted to deflect incoming oil away from sensitive areas. Anchor every 200-300'. Deploy shoreside anchor first. Alternate deployment with tide - reset during slack.
		N/A	Testing Date	
DV-02a 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	1600 ft protected water boom 8 marine anchor system 1 shoreline anchor system	2 shore responders 2 response boats 6 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.
		N/A	Testing Date	
DV-02b 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	500 ft protected water boom 3 marine anchor system 2 shoreline anchor system	2 shore responders 1 response boats 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.
		N/A	Testing Date	
EX-03a 	Prohibit oil slicks from entering a sensitive area	150 ft protected water boom 1 marine anchor system 2 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.
		N/A	Testing Date	
EX-03b 	Prohibit oil slicks from entering a sensitive area	50 ft protected water boom marine anchor system 2 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.
		N/A	Testing Date	
CB-04 	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	
FO-05 	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-06 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	2 skimming system 2 storage tank or bladder 2 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

Nantucket-Fire	(508) 228-2324
Nantucket-Harbormaster	(508) 228 7261
Nantucket Soundkeeper	(508) 775-9767
Madaket Harbormaster	(508) 958 1577
USFWS	(413) 539-3194



Esther Island looking northwest

Resources Protected

Marine Mammals	Seals
Fish	Shellfish, finfish
Invertebrates	None identified
Birds	Waterfowl concentration, Seabirds, shorebirds
Threat/End. Species	Piping Plovers (April 1- August 31), Roseate Terns (foraging mid-July thru Sept 30)
Cultural	None identified
Subsistence	None identified
Human Use	High-use recreational area, commercial harbor, aquaculture
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Marsh, sheltered tidal flats, barrier beach



Hither Creek Marina looking southeast

Special Considerations & Navigational Hazards

Openings to lagoon are constantly shifting. Adjust tactic to accommodate existing conditions. Use caution in sandy dunes during months when plovers are present. Nesting areas may include beaches, sandspits, foredunes, & washover areas in dunes. Use caution operating in nearshore areas when Roseate Terns are foraging. Consult w/ USFWS ASAP regarding shoreline collection areas & access plans. For PR, consult w/ the NMFS prior to implementing tactic. Minimize disturbance of marine mammals. Use extreme caution. Shoal waters w/ reefs, rocks, & shifting sand bars. Currents & winds are locally variable & can create dangerous operating environments. Vessel operators should have local knowledge.