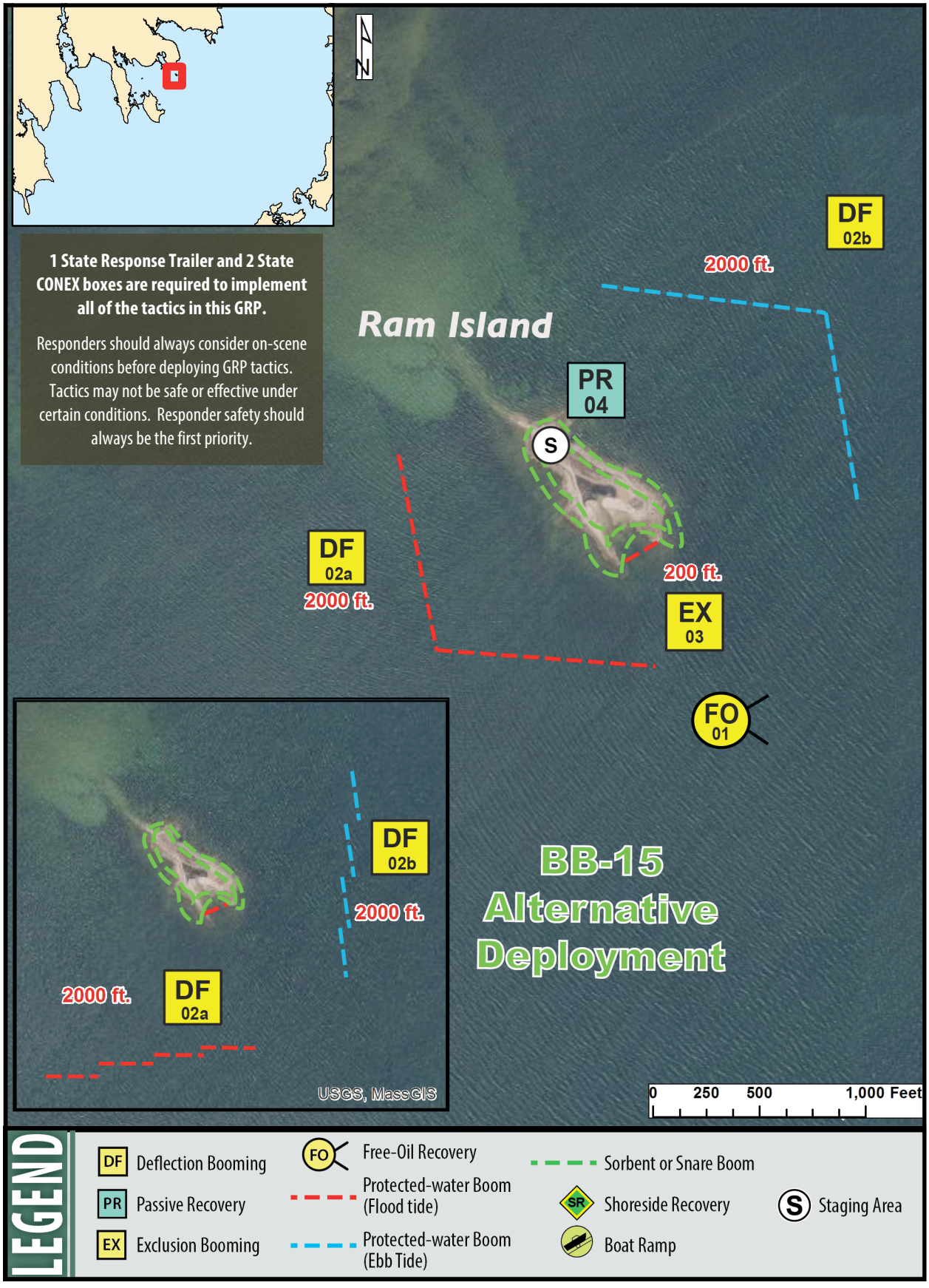
1 State Response Trailer and 2 State CONEX boxes are required to implement all of the tactics in this GRP.
Responders should always consider on-scene conditions before deploying GRP tactics. Tactics may not be safe or effective under certain conditions. Responder safety should always be the first priority.
Ram Island
DF 02b
2000 ft.
PR 04
S
DF 02a
2000 ft.
200 ft.
EX 03
FO 01
BB-15 Alternative Deployment
USGS, MassGIS
0 250 500 1,000 Feet
LEGEND
DF Deflection Booming
PR Passive Recovery
EX Exclusion Booming
FO Free-Oil Recovery
Protected-water Boom (Flood tide)
Protected-water Boom (Ebb Tide)
Sorbent or Snare Boom
SR Shoreside Recovery
Boat Ramp
S Staging Area

ID	Location and Description	Response Strategy	Implementation
BB-15-01 	**Ram Island** Nearshore waters in the general area of: Lat. 41°36'51.99"N Lon. 70°48'3.88"W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment south of Ram Island.	Deploy free-oil recovery strike teams upwind and up current of the island. Use aerial surveillance to locate incoming slicks.
BB-15-02 DF	**Ram Island** a.) Ram Island (South) Lat. 41°36'59.53"N Lon. 70°48'20.78"W b.) Ram Island (North) Lat. 41°37'7.92"N Lon. 70°48'6.82"W Alternate a.) Ram Island (South) Lat. 41°36'54.10"N Lon. 70°48'24.24"W b.) Ram Island (North) Lat. 41°37'8.56"N Lon. 70°48'1.87"W	**Deflection** Set two lines of protected or open water boom in a chevron or cascade array to deflect oil away from island.	Deploy anchors and boom with work boats. a.) & b.) Set 2000 ft of boom in a chevron shape, angled to deflect incoming oil away from the island. Anchors should be placed at 200 foot intervals. Consider deploying the chevron array(s) in cascading sections. a.) & b.) (alt) Set 2000 ft of boom in a cascade array, angled to deflect incoming oil away from the island. Anchors should be placed at 200 foot intervals. **Placement of boom arrays around island dependent on predominant wind direction and sea state at time of deployment or forecast wind direction and sea state. Responders should use best professional judgment when implementing tactics.**
BB-15-03 EX	**Ram Island** Lagoon Lat. 41°37'2.90"N Lon. 70°48'12.34"W	**Exclusion** Exclude oil from entering the lagoon on Ram Island.	Deploy anchors and boom with work boats. Deploy 200 ft of boom across entrance to lagoon to prevent oil from impacting the lagoon. 1 anchor should be placed at mid-point of boom. **Deploy only after consulting with MassDEP and Mass Fish & Wildlife**.
BB-15-04 PR	**Ram Island** Lat. 41°37'5.07"N Lon. 70°48'14.51"W	**Passive Recovery** Place passive recovery along island shoreline to prevent oil from impacting sensitive areas.	Place **two layers** of snare or absorbent boom along shoreline to minimize damage and facilitate recovery. **Deploy only after consulting with MassDEP and Mass Fish & Wildlife**. Replace as necessary to maximize oil recovery.

Response Resources	Staging Area Site Access	Resources Protected	Special Considerations	ID
Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Vessel Platform Via marine waters. Chart 13230-1	Fish-shellfish, finfish Birds-waterfowl concentration; Roseate Tern (state/federally endangered) Habitat-extensive tidal flat and eel grass beds, sand and cobble beaches Human use-aquaculture site SW of island	Vessel master should have local knowledge. Managed nesting, breeding, staging site for Roseate Terns. **Spring** : Nesting/breeding. **Mid-July thru Mid-September:** Staging prior to migration.	**BB-15-01** FO
Deployment ***Equipment*** 2000 ft. 36" (or larger) boom 24 anchor systems ***Vessels*** 2-4 workboats ***Personnel/Shift*** 4-8 total (1 vessel operator + 1 responder per vessel)	Staging Area: Sea View Ave. Boat Ramp. Located off Sconticuk Neck Rd. Fairhaven, MA Or Mattapoisett Town Wharf at Water and Cannon St., Mattapoisett, MA Site Access: Via marine waters for deploying and tending boom. Chart 13230-1	Same as BB-15-01	Vessel master should have local knowledge. See BB-15-01 above for information on Roseate Terns. MassDEP 36" boom available in CONEX boxes at Port of New Bedford and Mass. Maritime Academy. Contact the MassDEP duty officer for access (see **Contact Information** on Page 5). Tested: Variant tested on **10/22/15**	**BB-15-02** DF
Deployment ***Equipment*** 200 ft. 12" or 18" boom 1 anchor system 4 anchor stakes ***Vessels*** 1 workboat ***Personnel/Shift*** 3 total (1 vessel operator + 1 responder per vessel, 1 shoreside responder)	Same as BB-15-02	Birds-waterfowl concentration; Roseate Tern (state/federally endangered) Habitat-extensive tidal flat and eel grass beds, sand and cobble beaches	Vessel master should have local knowledge. **Waters around Ram Island are shallow and rocky. Use extreme caution when operating a vessel around and near the island.** See BB-15-01 above for information on Roseate Terns. Tested: **10/20/17**	**BB-15-03** EX
To be determined at time of incident.	Same as BB-15-02	Birds-waterfowl concentration; Roseate Tern (state/federally endangered) Habitat-extensive tidal flat and eel grass beds, sand and cobble beaches	Use snare boom for persistent oils and sorbent boom for non-persistent oils.	**BB-15-04** PR

Site Photographs and Contact Information

Ram Island shoreline at low tide on 8 September 2004. View looking west.

Mutual Aid is available from other communities within the Buzzard's Bay GRP region that have state response trailers. More information can be found on the following MassDEP web site:
http://www.mass.gov/eea/agencies/massdep/cleanup/marine/#5

Additional information regarding State Response Trailers, including locations and inventories can be found here:
http://www.mass.gov/eea/agencies/massdep/cleanup/marine/oil-spill-training-and-equipment-resources.html

Contact Information:

Mattapoisett Fire Dept.: (508) 758-4150

Mattapoisett Harbor Master: (508) 758-4191

Mattapoisett First Responder:(508) 758-9669

Marion Harbor Master: (508) 748-3535

Marion Fire Department: (508) 748-1177

Mass. DEP (24 Hours): 888-304-1133

Mass. Division of Fisheries and Wildlife: (508) 389-6300

Massachusetts Audubon IBA Program: (781) 837-9400

The Coalition for Buzzards Bay: (508) 999-6363

USCG Sector Southeastern New England: (501) 457-3211