

C-38-1 Frenchman Bay / Bar Harbor

Town Bar Harbor / Gouldsboro

Latitude 44° 23.796' N **Longitude** 68° 12.570' W

Approx. Tidal Range (feet) 11

Max Current (knots) Flood Ebb

Source

Port Region Penobscot Bay

NOAA Chart # 13318_1

ESI Map # 20D, 20B

EVI Map # 62, 69

DeLorme Map # (2019) 16 B4

Resources At Risk

ESI Primary Shoreline Type Mixed sand and gravel beaches (5)

ESI Secondary Shoreline Type Exposed, solid man-made structures (1B)

Environmental Concerns Shorebirds use Bar Island. Habitat is not particularly valuable at Bar Island, but is a heavily visited area of Acadia National Park.

Archaeological Conflicts No conflict as designed. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose Southernmost strategy near breakwater is meant to deflect oil from moving southward from the harbor. Strategy near Bar Island is to protect the intertidal bar at request of ANP.

Staging Areas Bar Harbor town boat launch

Site Access Bar Harbor boat launch. For Cromwell Cove, nearest street address is 374 Main Street, Bar Harbor

Nearest Boat Ramp Trailerable boat launch at Bar Harbor

Collection Points Either side of intertidal bar for Bar Island. For southern strategy, from private residence / beach near 374 Main Street, Bar Harbor

Special Instructions Intertidal bar is a heavily visited area of Acadia National Park. Not particularly valuable habitat. Contact Acadia National Park: Bob Bechtold, Park Environmental and Safety Program Coordinator: 207-888-8752 or 207-664-8814 after hours. National Park Service numbers: 888-614-0672 or 888-809-7095.

Work Assignment For oil moving south from harbor area, deploy three 400 foot sections of boom from edge of breakwater to Cromwell Cove. Deploy 1,500 feet of boom on each side of intertidal bar for oil near Bar Island.

Recommended Equipment / Resources

Length of Boom (feet) 4200

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)

Breakwater area:

5 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.

1 - shoreside connections

1 - vacuum truck or skimmer and storage

2 - workboats with minimum 90 hp

2 - boat operators

4 - laborers

Bar Island area:

4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys. Set anchors every 500 feet

4 - shoreside connections

1 - vacuum truck or skimmer and storage

2 - workboats with minimum 90 hp

2 - boat operators

4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 2/14/2019

Last Field Visit: 7/2/2007

Last Field Test: