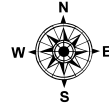
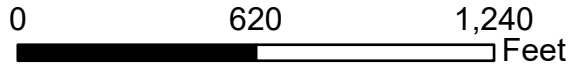
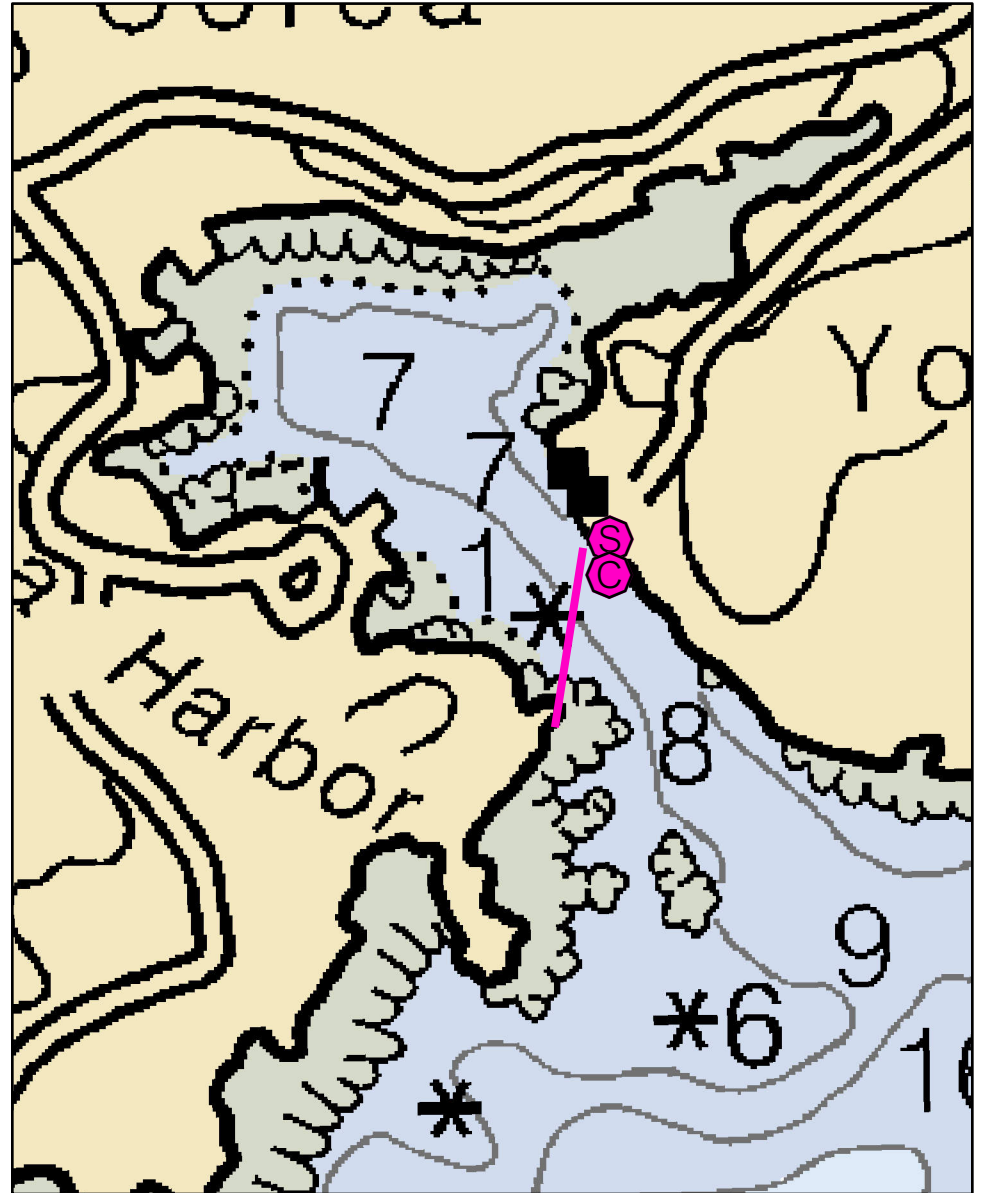
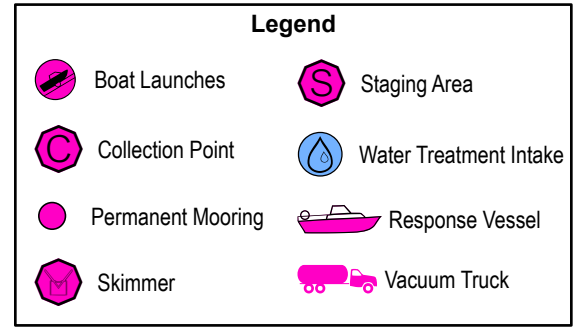
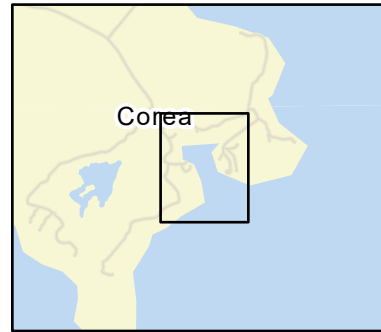


D-01-1

Corea Harbor
Corea, ME



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D-01-1 Corea Harbor

Town Corea, ME

Latitude 44° 23.849 **Longitude** 67° 58.199

Approx. Tidal Range (feet) 12

Max Current (knots) **Flood** **Ebb**

Source **DeLorme Map # (2019)** 17 B2

Port Region Downeast

NOAA Chart # 13324_1

ESI Map # 19D

EVI Map # 78, 77

Resources At Risk

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

ESI Secondary Shoreline Type Sheltered, solid man-made structures (8B)

Environmental Concerns Eelgrass, lobster pound and lobster dealer in harbor

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To divert oil from inner Corea Harbor

Staging Areas Possibly Corea Lobster Cooperative (207-963-7936) on east side of harbor, 199 Crowley Island Road, Corea, or lobster pound on west side of harbor

Site Access Wharf on east side at co-op, and small part-tide boat launch on west side at lobster pound

Nearest Boat Ramp Small part tide launch on western side of harbor. Nearest all-tide ramp is Gouldsboro Point Boat Launch at intersection of Gouldsboro Point Road and Old County Road in Gouldsboro

Collection Points Corea Lobster Cooperative

Special Instructions Area is very shallow, will need small boat(s)

Work Assignment Deploy 450 feet of containment boom across harbor from Francis Lobster Pound to Corea Lobster Cooperative. Place anchor at mid-point.

Recommended Equipment / Resources

Length of Boom (feet) 450

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)

- 1 - anchor system: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line and buoy.
- 2 - shoreside connections
- 1 - vacuum truck or skimmer and storage
- 1 - 2 small workboats
- 1 - 2 boat operators
- 2 - laborers

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

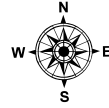
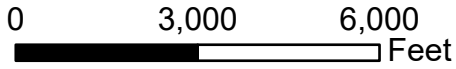
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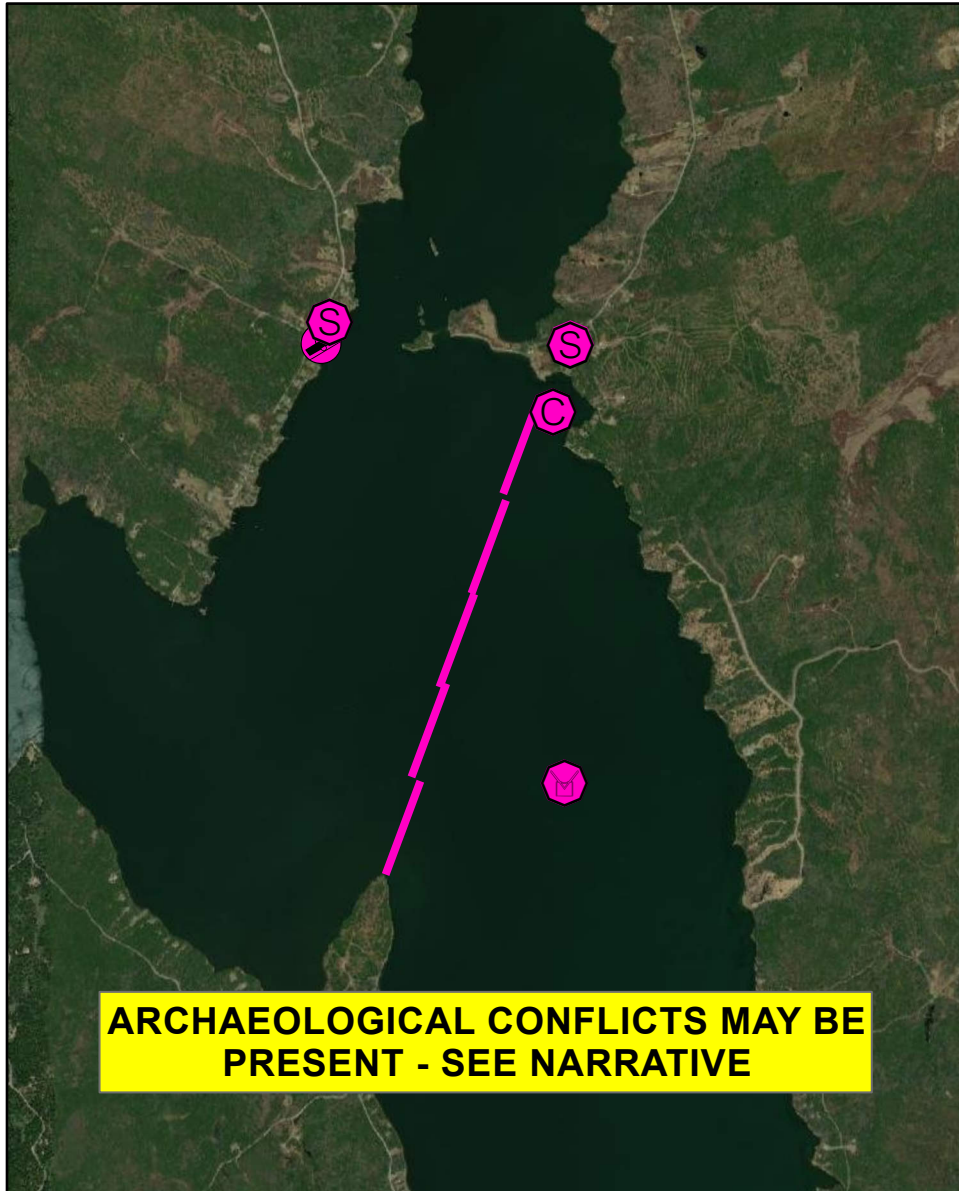
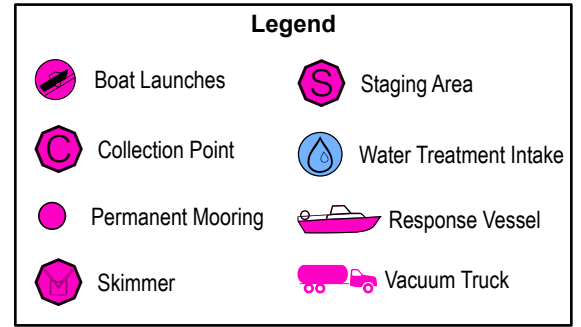
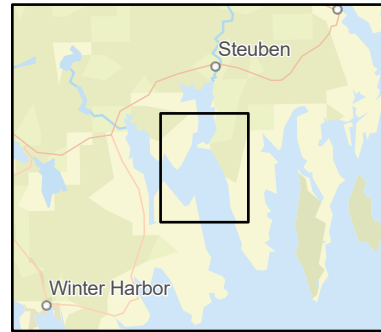
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D-02-1

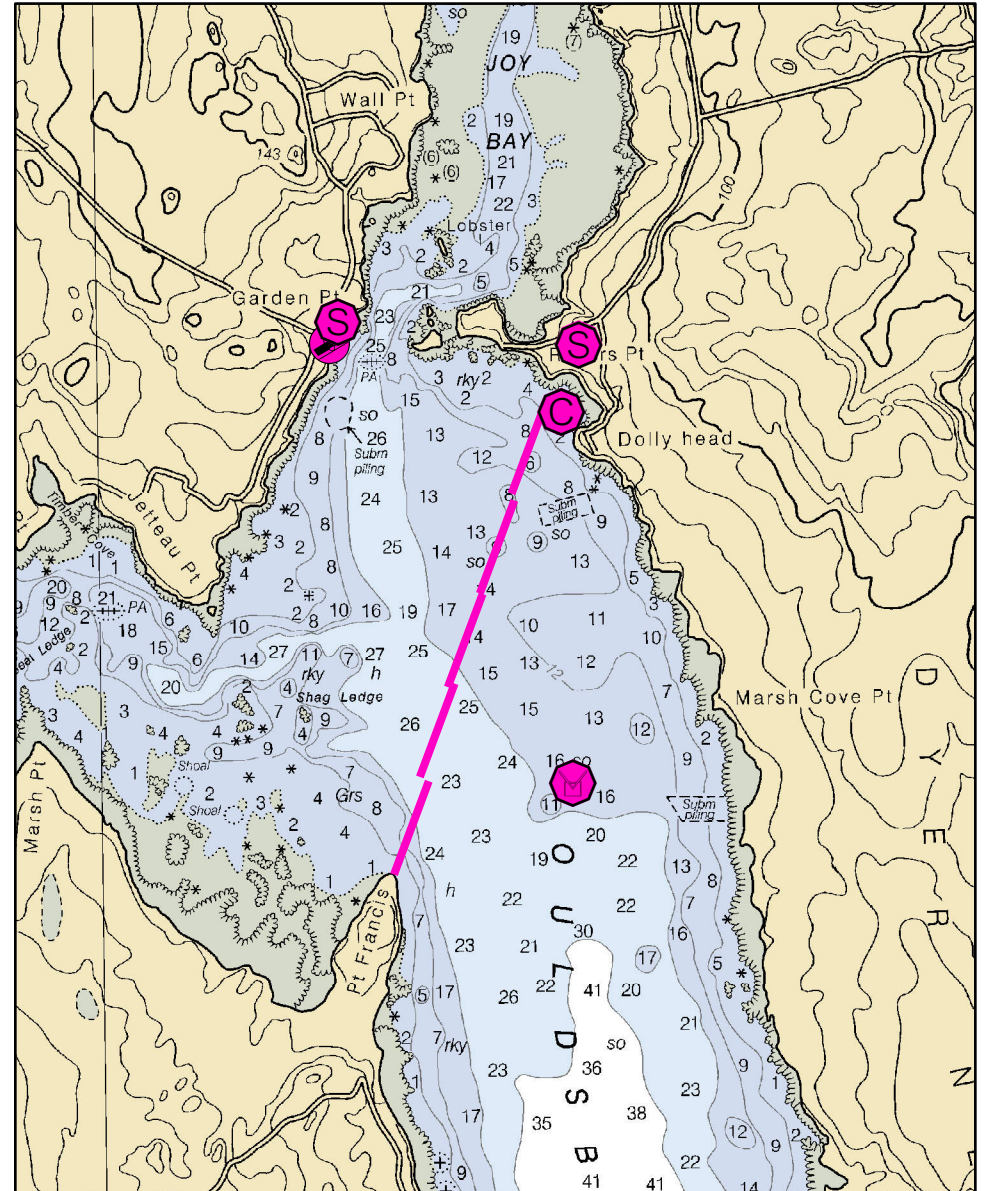
Inner Gouldsboro Bay Gouldsboro, ME



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ARCHAEOLOGICAL CONFLICTS MAY BE PRESENT - SEE NARRATIVE



D-02-1 Inner Gouldsboro Bay

Town Gouldsboro

Latitude 44° 27.482 Longitude 67° 58.654

Approx. Tidal Range (feet) 12

Max Current (knots) Flood Ebb

Source

Port Region Downeast

NOAA Chart # 13324_1

ESI Map # 19B

EVI Map # 78, 70

DeLorme Map # (2019) 17 A2

Resources At Risk

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

ESI Secondary Shoreline Type

Environmental Concerns Upper reaches of Gouldsboro Bay contain many sensitive areas including a portion of Petit Manan National Wildlife Refuge as well as extensive mudflats, shellfish beds, shorebird areas and marsh.

Archaeological Conflicts Keep northern anchor point close to developed areas in Dolly Head or on Howards Lane. Sunken wreck on southern portion of spread. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose Although huge, the purpose of this strategy is to prevent oil from reaching the Upper Bay to the greatest extent possible.

Staging Areas Gouldsboro Point Boat Launch, at the intersection of Gouldsboro Point Road and Old County Road in Gouldsboro has an all-tide ramp but little room on shore. West Bay Boats, on the east side of the strategy (8 town Landing Road, Steuben, 207-546 4300), has more room but no launch. It may be possible to pull boom from Howard Drive nearby, or from other areas of shore along Rogers Point Road.

Site Access Same as staging areas

Nearest Boat Ramp Gouldsboro Point Boat Launch, intersection of Gouldsboro Point Road and Old County Road, Gouldsboro

Collection Points Open water collection/recovery or vicinity of Howards Drive, Steuben

Special Instructions Observe current for feasibility before deployment

Work Assignment If resources allow, booming across the entire bay extent could be attempted with 5,000 feet of boom. If these resources are not available, a combination of on-water skimming and booming / collection in the main portion of the channel will mitigate damage to the upper reaches.

Recommended Equipment / Resources

Length of Boom (feet) Type of Boom 12" to 18" containment boom or larger

Recommended Equipment (Minimum) Up to 10 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
2 - shoreside connections
1 - vacuum truck or skimmer and storage
2 - 4 - workboats with minimum 90 hp
2 - 4 - boat operators
6 - 8 - laborers

Possibly large open water skimmers and collection

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

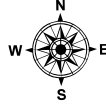
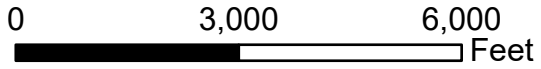
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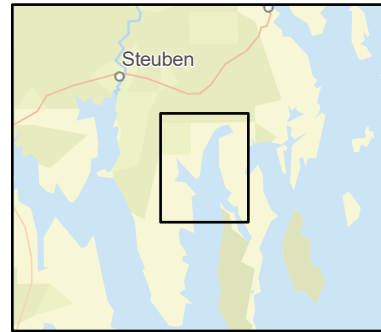
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D-03-1

Dyer Bay Steuben, ME

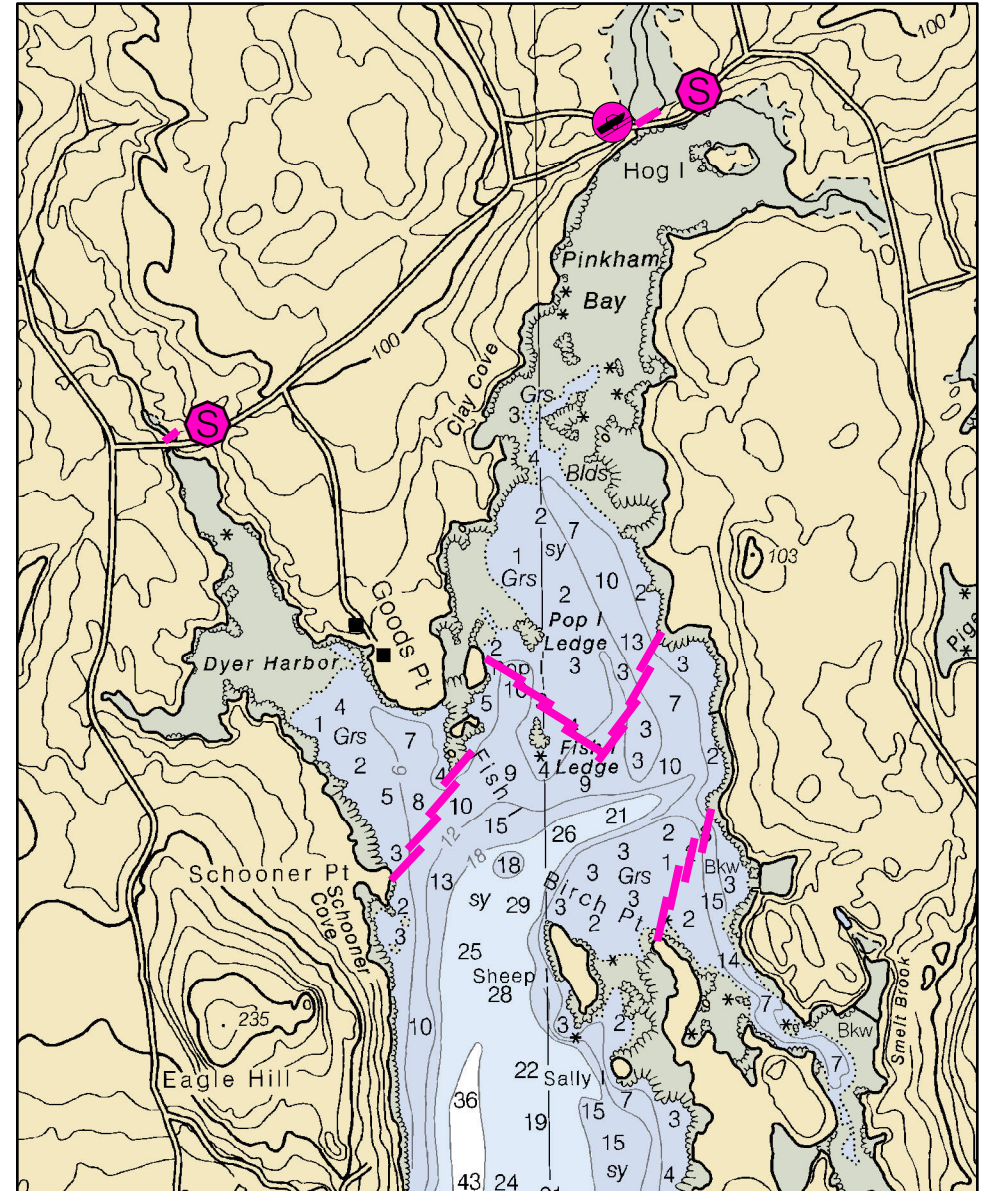
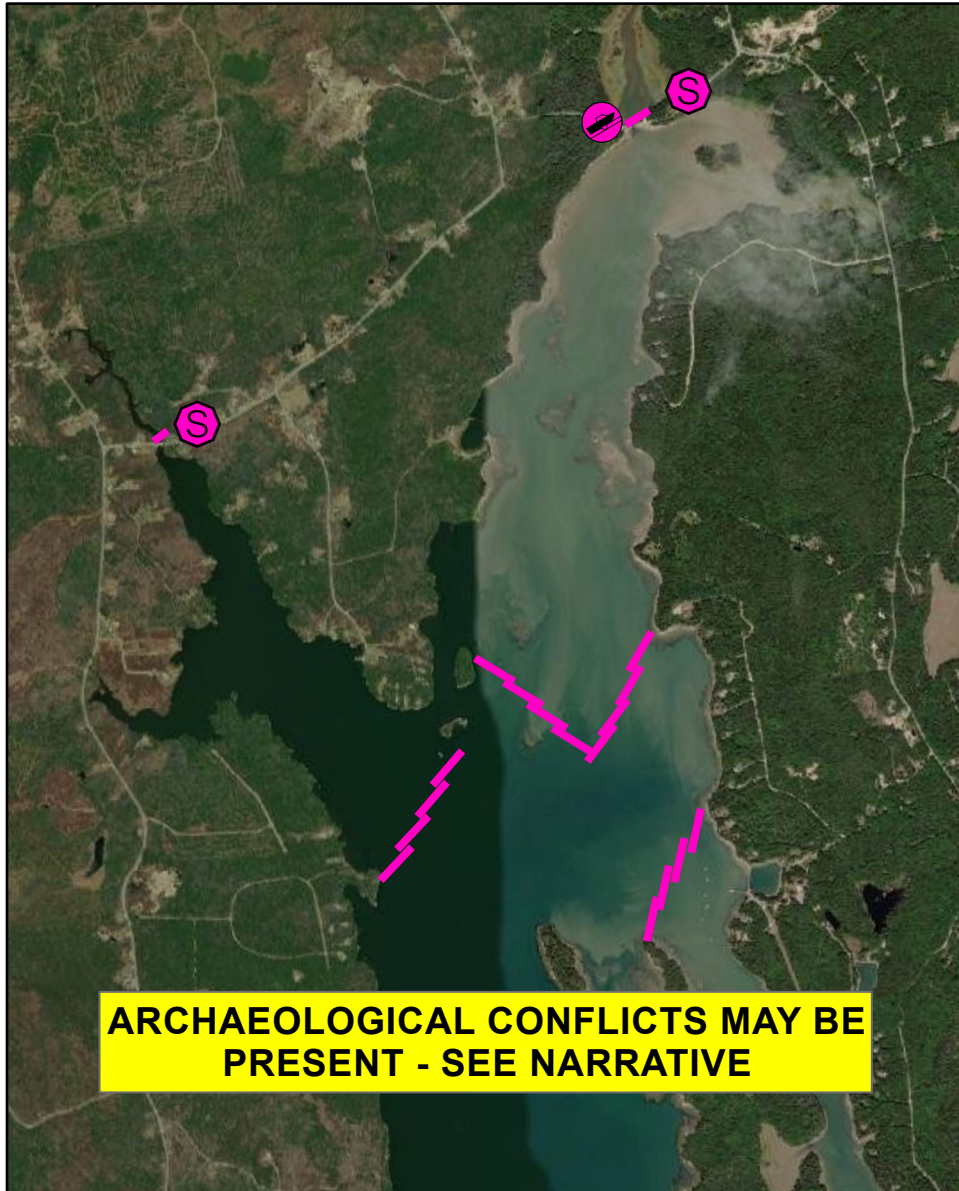


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Legend

	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



D-03-1 Dyer Bay

Town Steuben

Port Region Downeast

Latitude 44° 28.006 Longitude 67° 54.906

NOAA Chart # 13324_1

Approx. Tidal Range (feet) 12

ESI Map # 19A, 19B

Max Current (knots) Flood Ebb

EVI Map # 78

Source DeLorme Map # (2019) 17 A2

Resources At Risk

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

ESI Secondary Shoreline Type

Environmental Concerns Upper Dyer Bay contains many sensitive resources: mudflats, marshes, shorebird areas, seal haul-outs, shellfish beds, lobster pounds and aquaculture sites.

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

Strategy Information

Strategy Purpose To prevent oil from entering upper Dyer Bay. Channel could also be explored for a potential strategy across the bay, but currents will likely prevent this.

Staging Areas Extremely limited. Small part tide launch at Pinkham Bay Bridge Road. May be able to pull boom from here, but will likely have to close road. Dyer Harbor has no launch and will require road closure to work there as well.

Site Access Same as staging areas

Nearest Boat Ramp Small part tide launch at Pinkham Bay Bridge Road on north end of bay. No all-tide ramp nearby. Closest is Narraguagus River in Milbridge.

Collection Points N/A other than open water collection

Special Instructions Explore possibility of booming across main channel near Birch Point

Work Assignment In order of priority: Deploy eight 500 foot sections of boom in a chevron configuration to exclude oil from Pinkham Bay to the north. Deploy four 500 foot sections of boom to deflect oil from Dyer Harbor. Deploy four 500 foot sections from Birch Point in a northeasterly direction to deflect oil from Carrying Place Cove. If large strategies cannot be implemented, at minimum deploy 250 of boom by hand across entrance to marsh at Pinkham Bay Bridge Road, and 50 feet of boom by hand across the entrance to the marsh at Dyer's Bay Road at the head of Dyer Harbor.

Recommended Equipment / Resources

Length of Boom (feet) 8000 Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum) 27 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
5 - shoreside connections
2 - workboats with minimum 90 hp
2 - boat operators
6 - laborers

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

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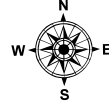
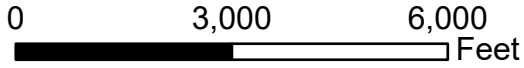
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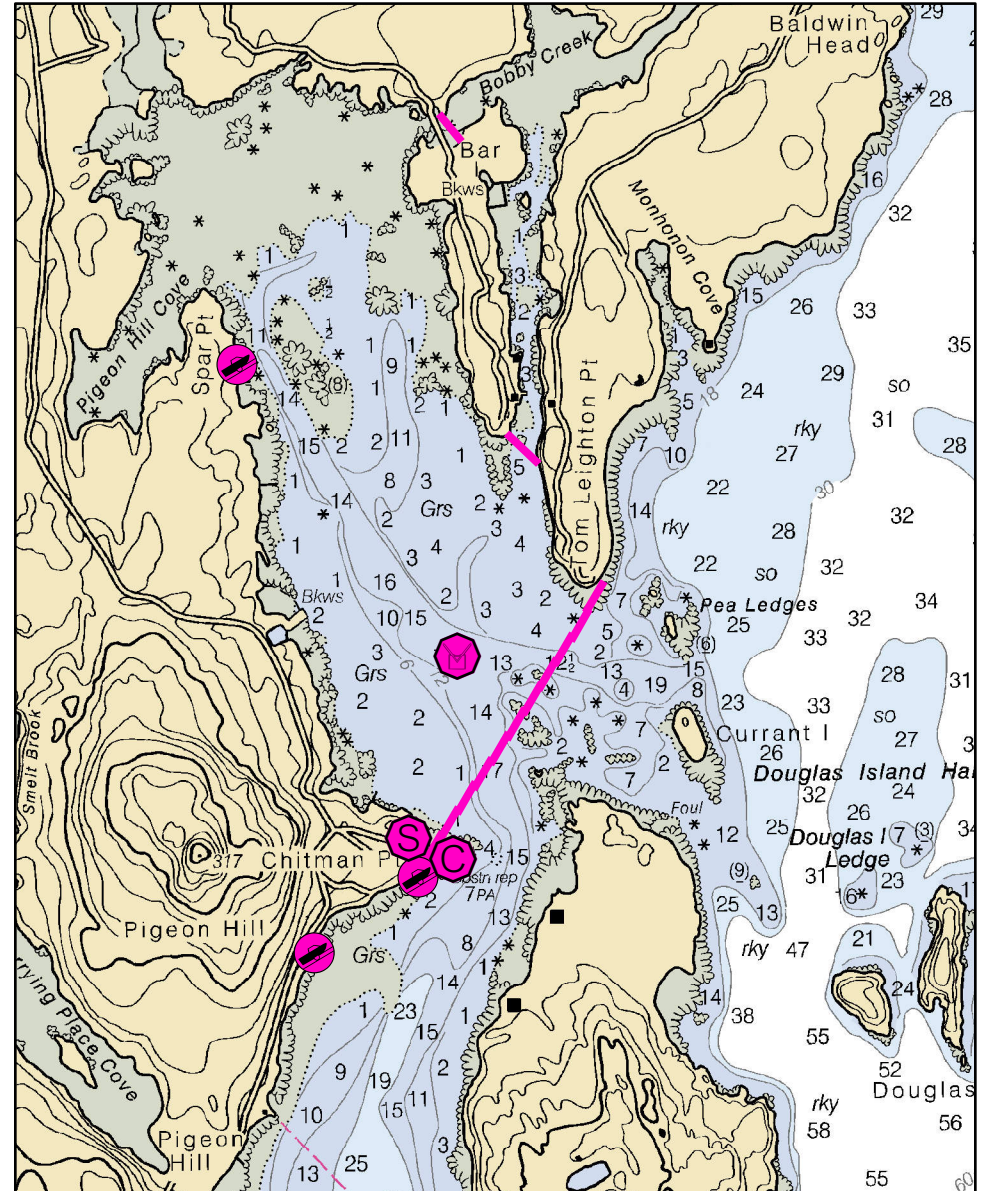
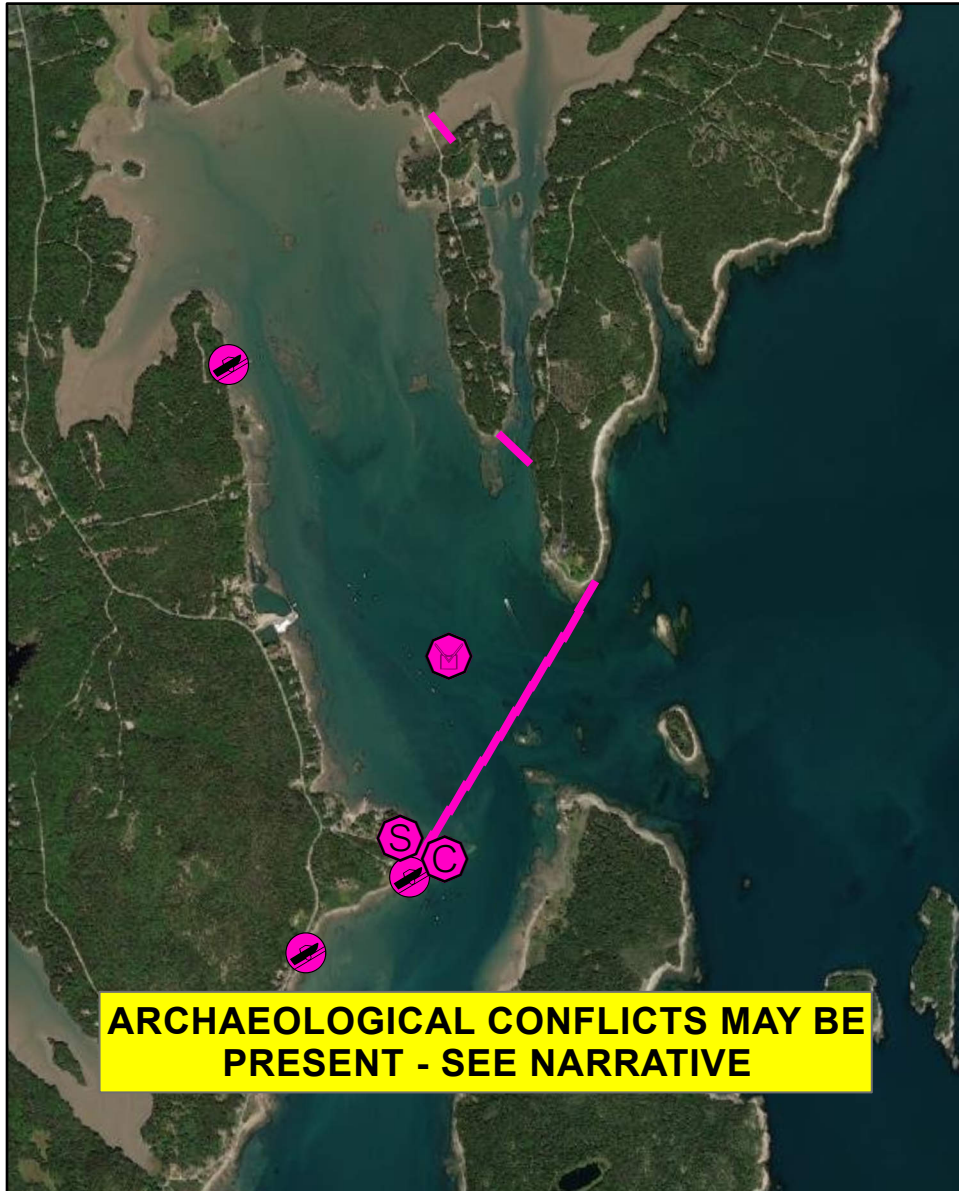
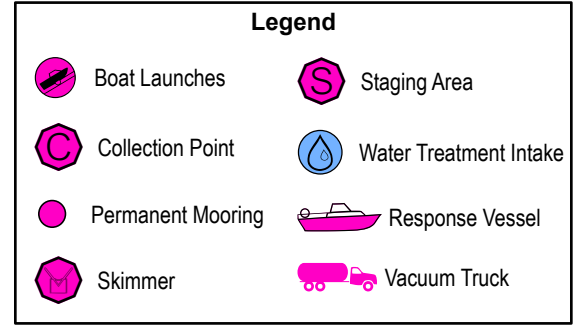
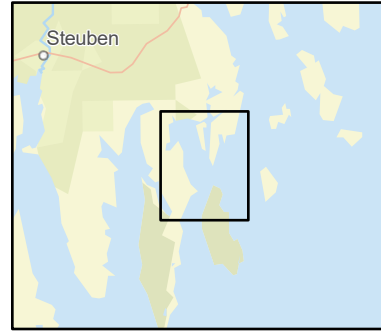
D-04-1

Pigeon Hill Bay

Milbridge / Steuben, ME



Date printed: 9/12/2022 10:24 AM



D-04-1 Pigeon Hill Bay

Town Steuben / Milbridge

Port Region Downeast

Latitude 44° 27.596 **Longitude** 67° 52.381

NOAA Chart # 13324_1

Approx. Tidal Range (feet) 12

ESI Map # 19A

Max Current (knots) **Flood** **Ebb**

EVI Map # 78

Source **DeLorme Map # (2019)** 17 A3

Resources At Risk

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

ESI Secondary Shoreline Type Coarse grained sand beach (4)

Environmental Concerns Upper bay has many sensitive areas including shorebird habitat, shellfish beds, mudflats, marshes and lobster pounds. If unable to deploy entire strategy, protect the most sensitive area between Bar Island and Tom Leighton Point.

Archaeological Conflicts Maintain activities within developed areas on Chitman Point; avoid surface disturbance. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert / exclude oil from upper Pigeon Hill Bay

Staging Areas Aerial photos show part-tide launch at Chitman Point. Also a part-tide ramp at Pigeon Hill Road in Steuben (very limited parking here).

Site Access Part-tide ramp at Chitman Point

Nearest Boat Ramp Same as staging. Nearest all-tide ramp is Narraguagus River in downtown Milbridge.

Collection Points Chitman Point at ramp

Special Instructions Current speed is unknown here. If large boom deployment is not feasible, see alternatives under "Work Assignment"

Work Assignment Large boom strategy is first line of defense for the upper bay. If entire strategy is not feasible, see alternatives below:
1. Deploy eleven 400 foot sections of boom between Tom Leighton Point and Chitman Point.
2. Use shallow water skimmer in mid channel confluence area
3. Deploy 500 feet of boom between Tom Leighton Point and Bar Island, and 200 feet of boom across causeway on Bar Island Road

Recommended Equipment / Resources

Length of Boom (feet) 4400 / 750

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)

Primary strategy:

- 20 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
- 2 - shoreside connections
- 1 - vacuum truck or skimmer and storage
- 2 - 4 workboats with minimum 90 hp
- 2 - 4 boat operators
- 6 - laborers

Alternative (between Bar Island & Tom Leighton Pt):

- Small workboat
- 4 - shoreside connections
- 1 - boat operator
- 2 - laborers

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

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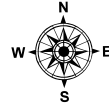
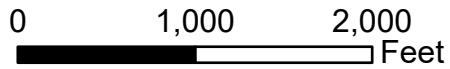
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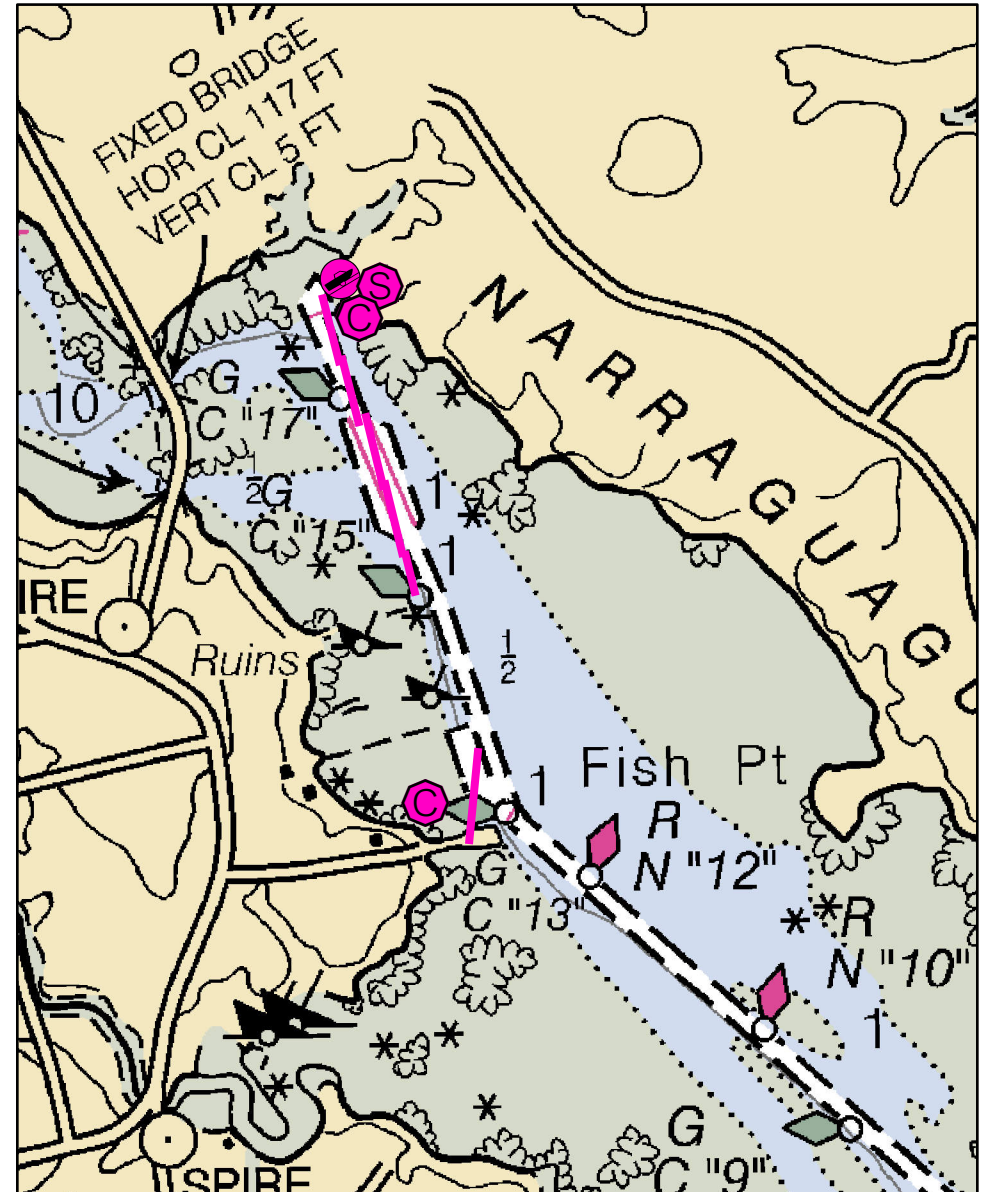
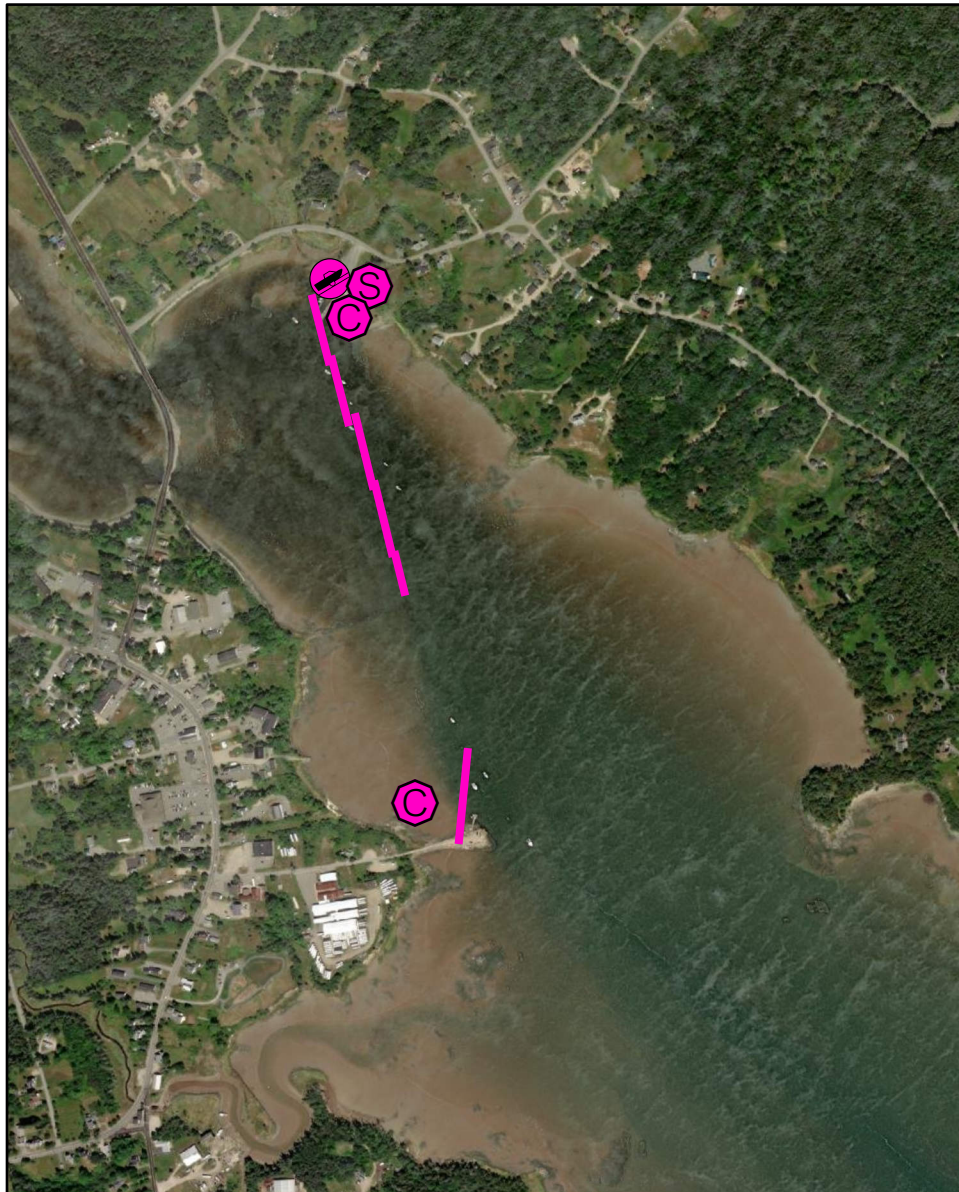
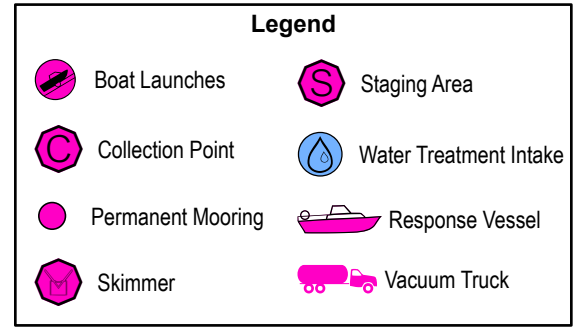
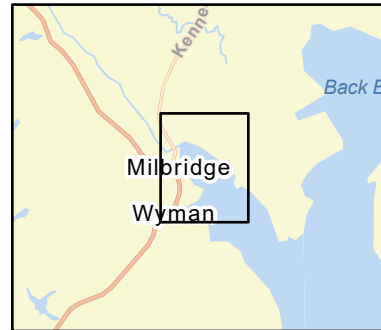
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D-05-1

Narraguagus River Milbridge, ME



Date printed: 9/12/2022 10:23 AM



D-05-1 Narraguagus River

Town Milbridge

Port Region Downeast

Latitude 44° 32.61' N **Longitude** 67° 52.75' W

NOAA Chart # 13324_1

Approx. Tidal Range (feet) 12

ESI Map # 13A

Max Current (knots) Flood Ebb

EVI Map # 78, 82

Source **DeLorme Map # (2019)** 25 E3

Resources At Risk

ESI Primary Shoreline Type Exposed tidal flats (7)

ESI Secondary Shoreline Type Vegetated low banks (9B)

Environmental Concerns Federally endangered Atlantic Salmon April - November. Upstream: fringing marshes, shorebird habitat, elver run. Downstream: Mudflats, shellfish beds, moderately and highly vulnerable shorebird areas

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To divert oil from Upper Narraguagus River

Staging Areas Narraguagus River boat launch, Bay View Road off of Route 1A, Milbridge

Site Access Narraguagus River boat launch (east side) or Mill Street, downtown Milbridge (west side)

Nearest Boat Ramp Narraguagus River boat launch

Collection Points Narraguagus River boat launch or Mill Street, downtown Milbridge

Special Instructions Major risk is from local boats or Route 1A bridge

Work Assignment Cascade two 300 foot sections, two 400 foot sections and one 100 foot section of boom from boat launch into channel to deflect oil to the shore for collection. Place a third 500 foot length of boom from the western shore near GC 13 to keep oil in the channel. For spill from upstream, collect at wharf from end of Mill St., downtown Milbridge

Recommended Equipment / Resources

Length of Boom (feet) 2300 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
9 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
2 - shoreside connections
1 - vacuum truck or skimmer and storage
2 - workboats with minimum 90 hp
2 - boat operators
6 - laborers

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

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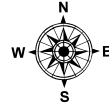
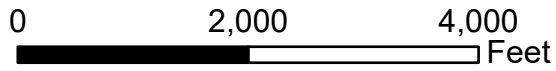
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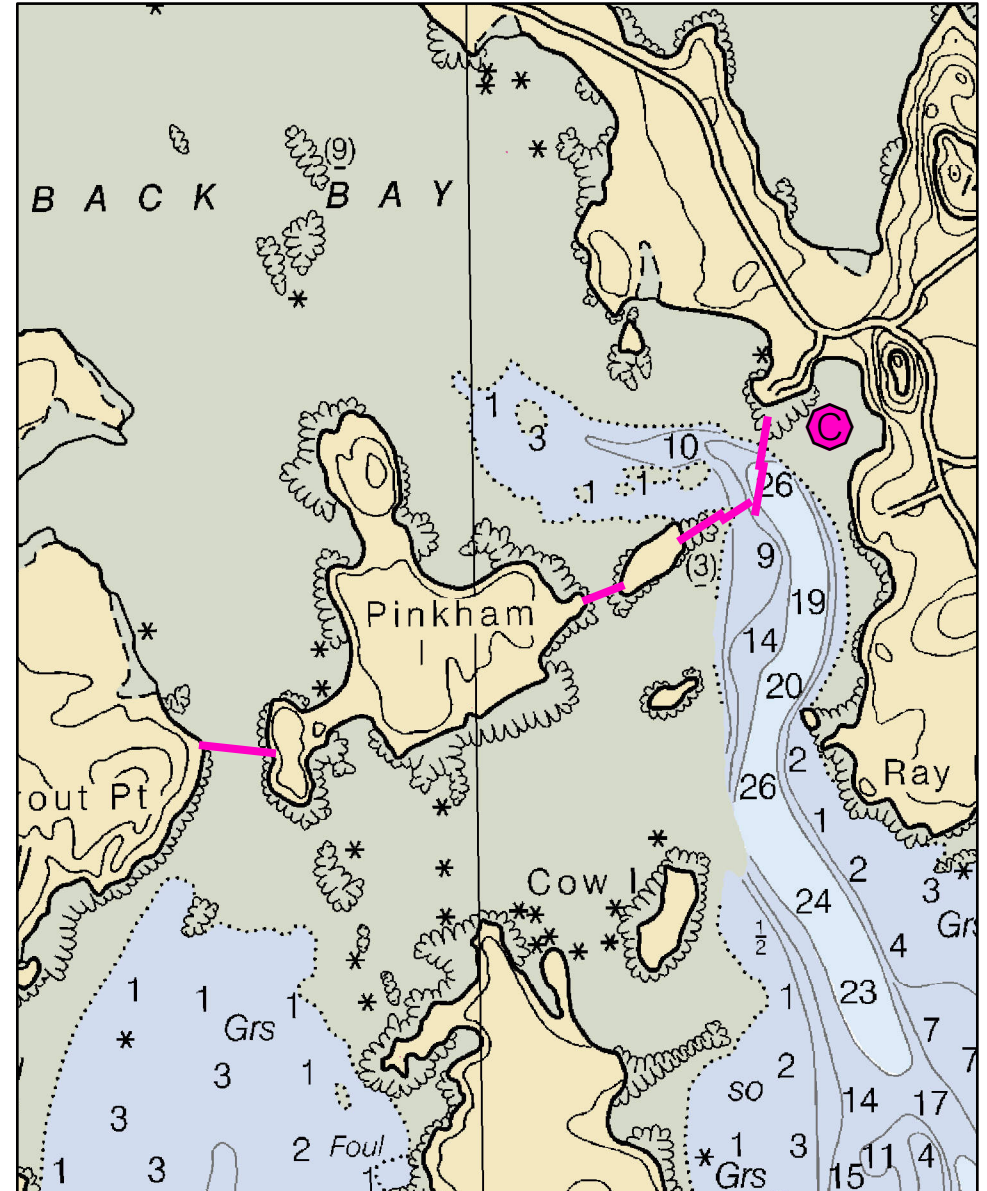
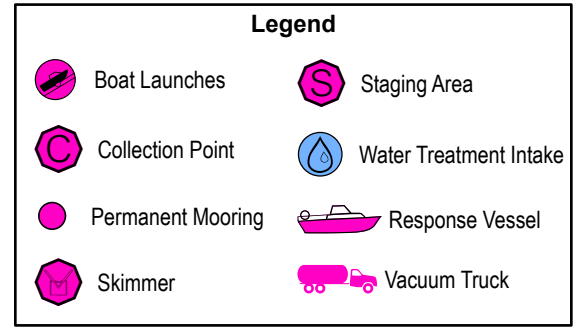
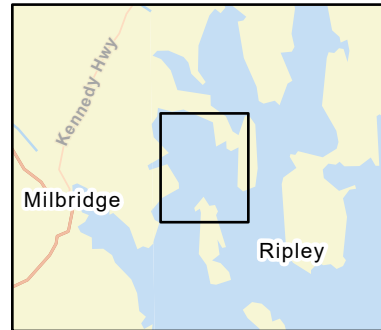
D-06-1

Back Bay

Milbridge, ME



Date printed: 9/10/2022 7:54 PM



D-06-1 Back Bay

Town	Milbridge	Port Region	Downeast
Latitude	44° 32.987'	Longitude	67° 49.409'
Approx. Tidal Range (feet)	12	NOAA Chart #	13324_1
Max Current (knots)	Flood	ESI Map #	13A
Source	Ebb	EVI Map #	83, 79, 82, 78
		DeLorme Map # (2019)	25 E3, E4

Resources At Risk

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

ESI Secondary Shoreline Type

Environmental Concerns Extensive mudflats, shellfish beds and highly vulnerable shorebird areas, especially upper reaches of Beaver Meadow Brook (salt marshes)

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To exclude / divert oil from entering Back Bay

Staging Areas Harrington town ramp at Ripley Cove, Marshville Road, Harrington. May be able to pull boom from Ray's Point Road in Milbridge from small beach with access at the first right after Wallace Cove Lane

Site Access All tide ramp at Ripley Cove off Marshville Road in Harrington. May have access from small beach on Ray's Point Road in Milbridge (condition unknown)

Nearest Boat Ramp Town of Harrington boat ramp, Marshville Road, Harrington

Collection Points Possibly from small cove on northwest side of Ray Point neck.

Special Instructions Current speeds unknown. Observe before deployment.

Work Assignment Deploy 600' of boom from Strout Point to western point on Pinkham Island. Deploy 300' of boom from eastern point on Pinkham Island to western point of unnamed island east of Pinkham Island. Deploy one 400 foot section and one 300 foot section of boom from eastern shore of unnamed island in a easterly direction and anchor in the middle of channel. Deploy two 400 foot sections of boom from Ray Point Road boat ramp in a westerly direction & anchor in the middle of channel to form an open apex with the first section.

Recommended Equipment / Resources

Length of Boom (feet) 2400 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)

- 6 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
- 6 - shoreside connections
- 1 - vacuum truck or skimmer and storage
- 2 - workboats with minimum 90 hp
- 2 - boat operators
- 6 - laborers

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

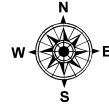
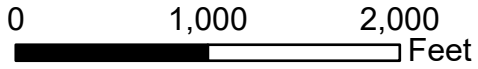
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Last Field Visit: 6/27/2007

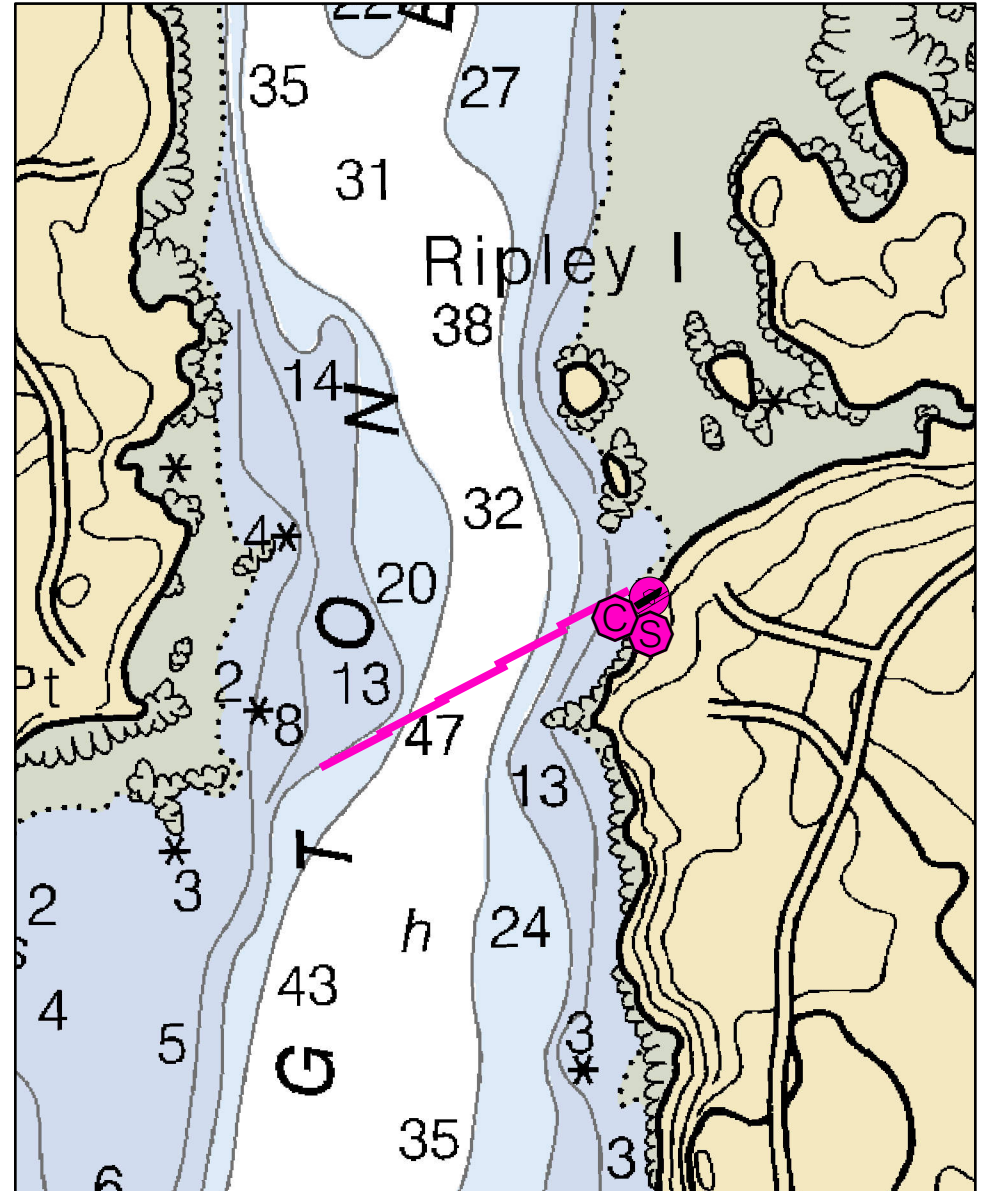
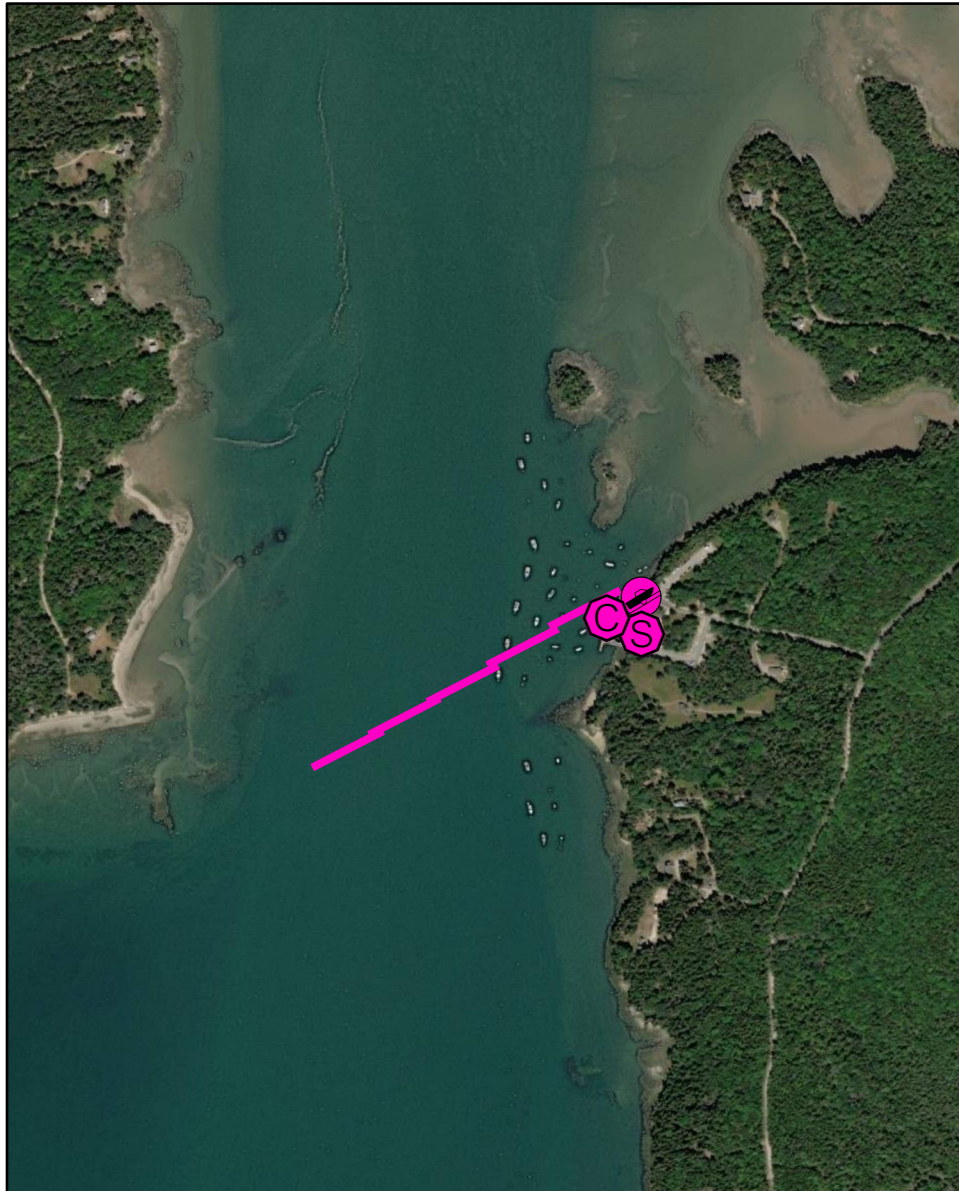
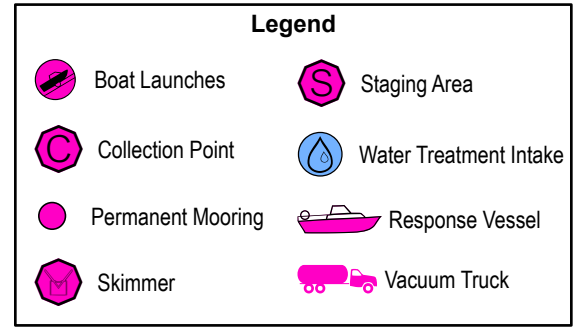
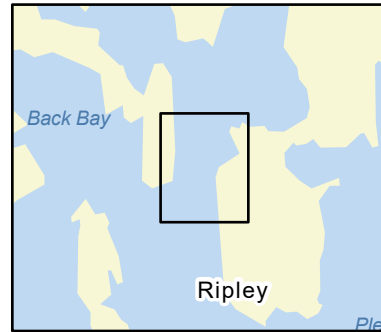
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D-07-1

Harrington Bay / River Harrington, ME



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D-07-1 Harrington Bay/River

Town	Harrington	Port Region	Downeast
Latitude	44° 32.622' N	Longitude	67° 48.444' W
Approx. Tidal Range (feet)	12	NOAA Chart #	13324_1
Max Current (knots)	Flood	ESI Map #	13A, 12D
Source	Ebb	EVI Map #	83, 79
		DeLorme Map # (2019)	25 E4

Resources At Risk

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

ESI Secondary Shoreline Type

Environmental Concerns This is the first line of defense for very valuable habitat in Flat Bay and Harrington River. Mussel seed areas, marshes, shellfish, shorebirds, diadromous fish, elvers, etc.

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To divert oil from Flat Bay and upper Harrington River

Staging Areas Harrington town boat launch at Ripley Cove, Marshville Road, Harrington

Site Access Harrington town boat launch at Ripley Cove

Nearest Boat Ramp Harrington town boat launch at Ripley Cove

Collection Points Harrington town boat launch at Ripley Cove

Special Instructions Extensive habitat upriver of this area.

Work Assignment Deploy five 400 foot sections of boom across channel

Recommended Equipment / Resources

Length of Boom (feet) 2000 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)

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

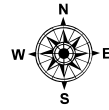
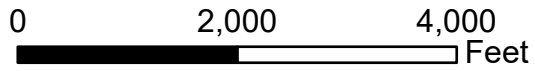
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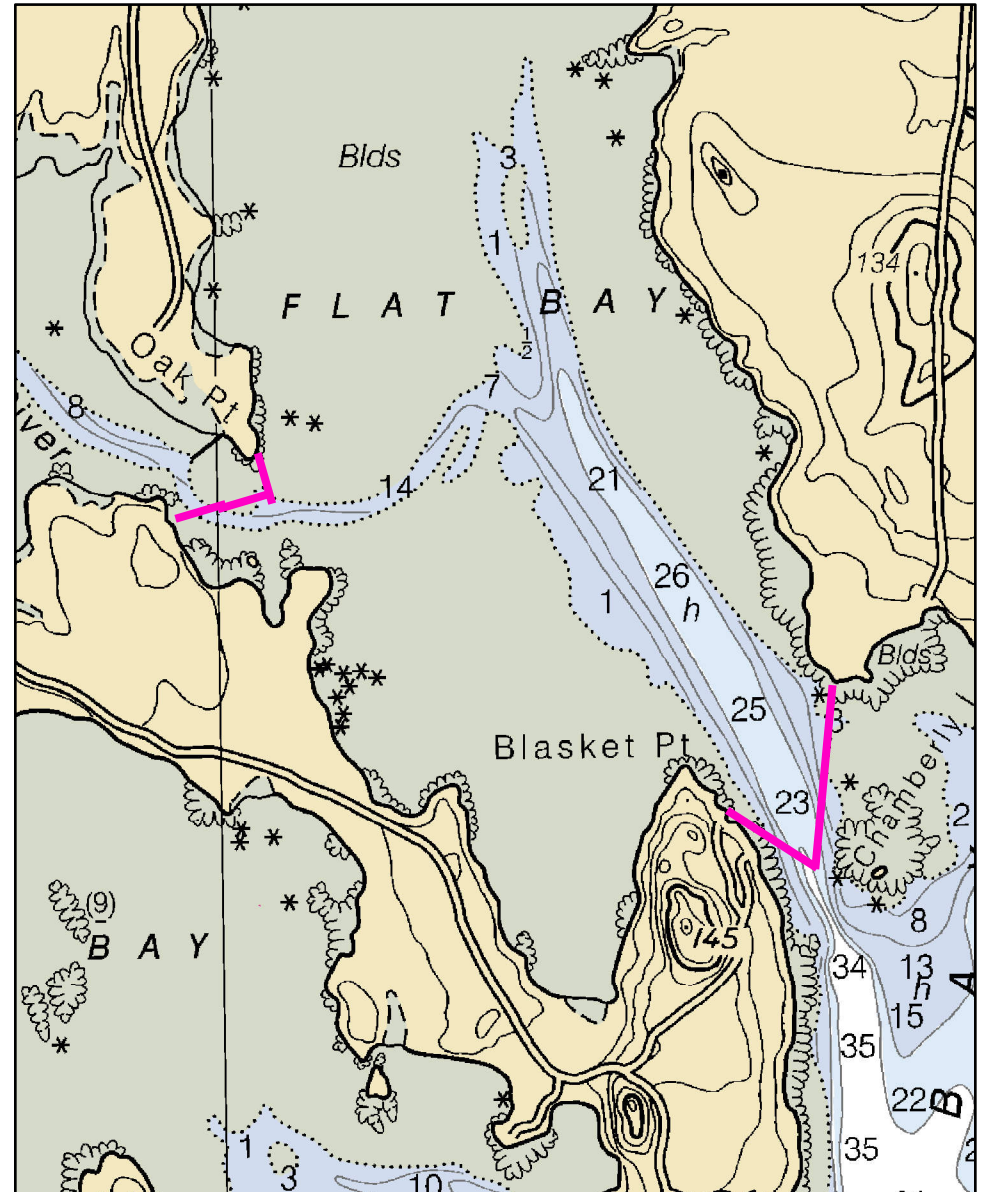
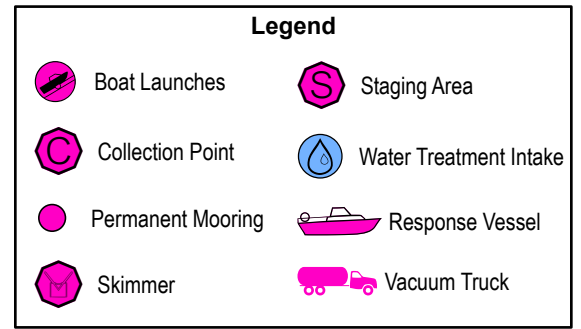
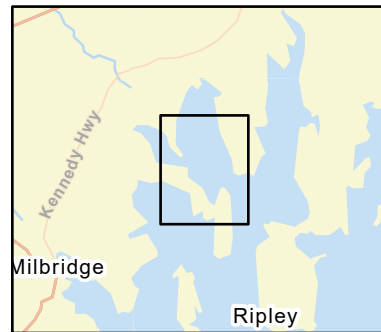
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D-08-1

Flat Bay & Mill River Milbridge / Harrington, ME



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D-08-1 Flat Bay & Mill River

Town Milbridge / Harrington

Port Region Downeast

Latitude 44° 33.822' N **Longitude** 67° 48.846' W

NOAA Chart # 13324_1

Approx. Tidal Range (feet) 12

ESI Map # 13A

Max Current (knots) Flood Ebb

EVI Map # 83

Source **DeLorme Map # (2019)** 25 E3, E4

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

ESI Secondary Shoreline Type Vegetated low banks (9B)

Environmental Concerns Flat Bay and Mill River have extensive valuable habitat, including mussel seed areas. Large aquaculture operation in Mill River area.

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose Secondary strategies to exclude oil from Flat Bay and Mill River

Staging Areas Town of Harrington boat launch at Ripley Cove, Marshville Road, Harrington

Site Access Town of Harrington boat launch

Nearest Boat Ramp Town of Harrington boat launch

Collection Points None - exclusion

Special Instructions

Work Assignment Back-up strategies for D-07-1. Deploy three 300' sections of boom in southeast direction from Blasket Point & anchor in the center of channel; deploy four 400' sections in a southerly direction from mainland point of land north of Chamberly Island & anchored in center of channel to form an apex with the first section of boom. Deploy 400' of boom in a southeasterly direction from Oak Point and anchor in center of channel; deploy two 400 foot sections of boom in a northeasterly direction from point of land directly south of Oak Point and anchor in the center of channel to form an apex with the first section.

Recommended Equipment / Resources

Length of Boom (feet) 3700

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
16 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
3 - shoreside connections
2 - 3 workboats with minimum 90 hp
2 - 3 boat operators
6 - 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: 5/1/2019

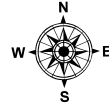
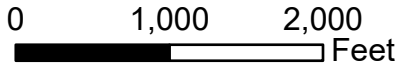
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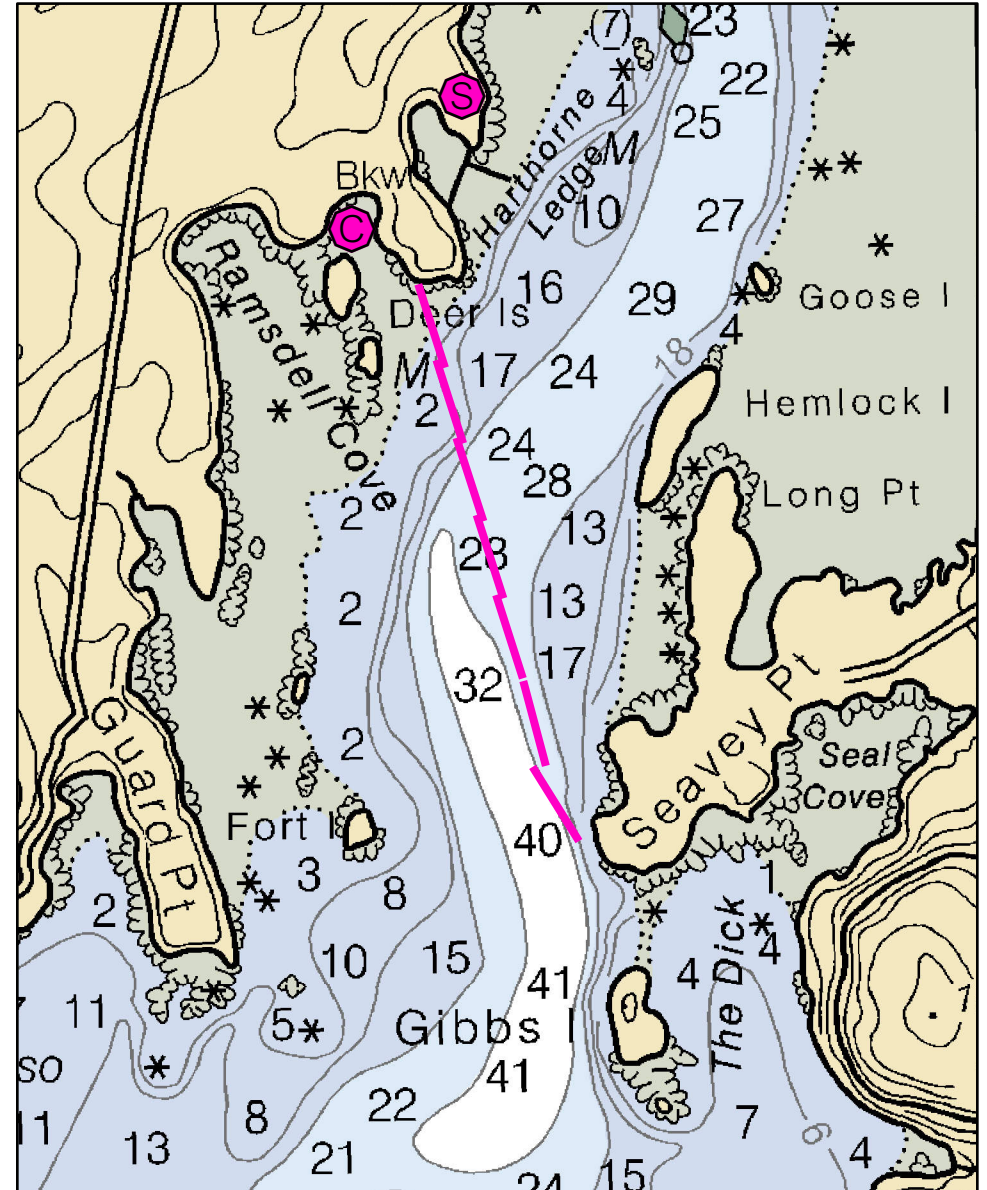
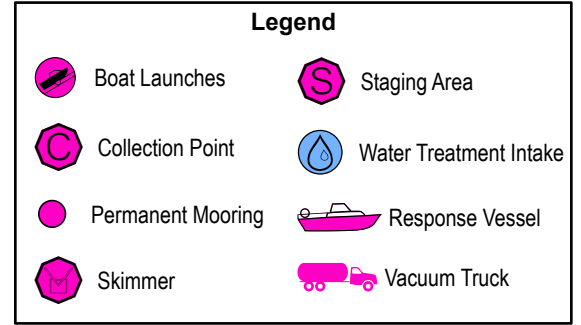
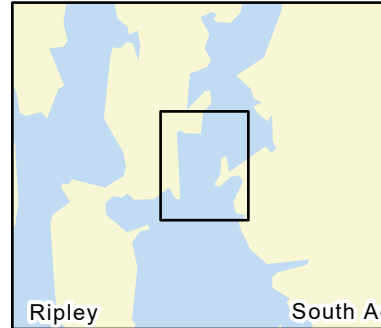
D-09-1

Pleasant River

Harrington / Addison, ME



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D-09-1 Pleasant River

Town Harrington / Addison

Port Region Downeast

Latitude 44° 33.298 **Longitude** 67° 55.752

NOAA Chart # 13324_1

Approx. Tidal Range (feet) 12

ESI Map # 12D

Max Current (knots) **Flood** **Ebb**

EVI Map # 83

Source **DeLorme Map # (2019)** 25 E4

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

ESI Secondary Shoreline Type Vegetated low banks (9B)

Environmental Concerns Federally endangered Atlantic Salmon may be present April - November. Many sensitive areas upstream including salt marshes, shorebird areas, shellfish beds, mudflats, etc.

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

Strategy Information

Strategy Purpose To exclude oil from upper Pleasant River

Staging Areas Possibly at lobster pound on His Cove Lane near northern end of boom. Contact Atwood Lobster Company: (207) 483-2174

Site Access Possibly at lobster pound on His Cove Lane near northern end of boom. Contact Atwood Lobster Company: (207) 483-2174

Nearest Boat Ramp Ramp at lobster pound at His Cove Lane in Harrington. Nearest public ramp is upriver at Town of Addison boat ramp, Ridge Road, Addison

Collection Points Main purpose is exclusion. May be able to collect from Ramsdell Cove.

Special Instructions Angle needs to be shallow due to current in river

Work Assignment Deploy seven 500 foot sections of boom across Pleasant River From Seavey Point to Ramsdell Cove

Recommended Equipment / Resources

Length of Boom (feet) 3500 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
12 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
2 - shoreside connections
1 - vacuum truck or skimmer and storage
2 - 4 workboats with minimum 90 hp
2 - 4 boat operators
6 - 8 laborers

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

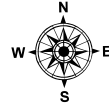
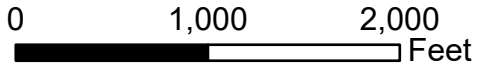
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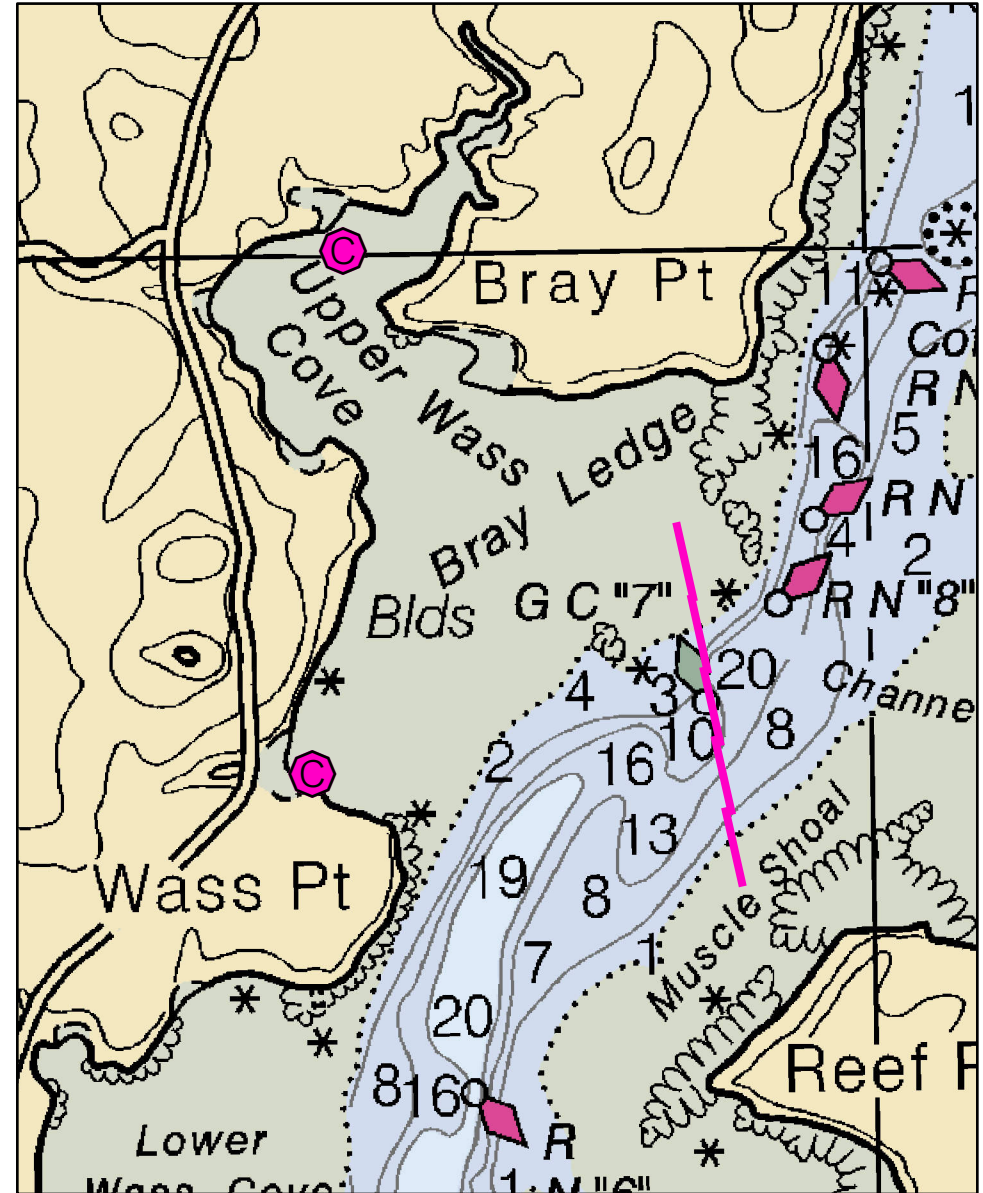
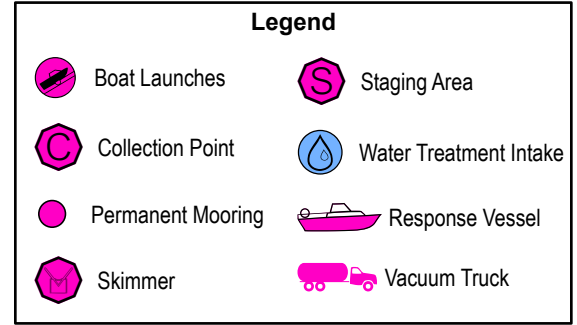
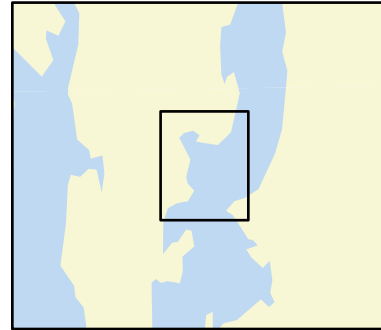
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D-09-2

Upper Pleasant River Harrington / Addison, ME



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D-09-2 Upper Pleasant River

Town Harrington / Addison

Latitude 44° 34.62' N **Longitude** 67° 45.198' W

Approx. Tidal Range (feet) 12

Max Current (knots) Flood Ebb

Source **Port Region** Downeast **NOAA Chart #** 13324_1 **ESI Map #** 12D **EVI Map #** 83 **DeLorme Map # (2019)** 25 D4, E4

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)

ESI Secondary Shoreline Type

Environmental Concerns Federally endangered Atlantic Salmon may be present April - November. Upper Pleasant River has many sensitive areas including marshes, shorebird habitat, shellfish beds, mudflats, etc.

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose Secondary strategy to D-11-1. Divert oil into Upper Wass Cove preventing it from moving upriver

Staging Areas Small beach access at Wass Point off of Pleasant River Road in Harrington. Possibly from ramp and lobster pound on His Cove Lane in Harrington. Contact Atwood Lobster Company: (207) 483-2174. Addison town ramp on Ridge Road, downtown Addison.

Site Access Same as staging areas.

Nearest Boat Ramp Ramp at Atwood Lobster Company, Harrington. Nearest public ramp is Addison town ramp on Ridge Road in downtown Addison.

Collection Points May be able to do some collection from small beach at Wass Point, or from private property in inner areas of Upper Wass Cove

Special Instructions Current conditions are unknown. Observe before deployment. If unable to deploy here, investigate areas further upriver to protect marshes in upper reaches of Pleasant River.

Work Assignment Deploy five 400 foot sections of boom across the main channel to divert to Upper Wass Cove

Recommended Equipment / Resources

Length of Boom (feet) 2000 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
10 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
1 - vacuum truck or skimmer and storage
2 - 4 workboats with minimum 90 hp
2 - 4 boat operators
6 - 8 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: 5/2/2019

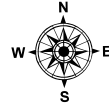
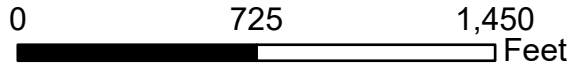
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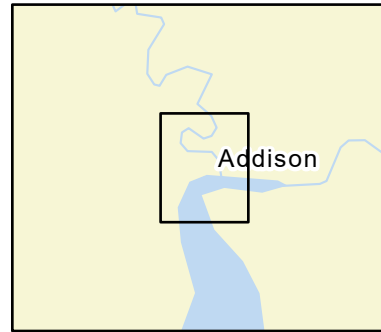
D-09-3

Pleasant River / Addison

Addison, ME

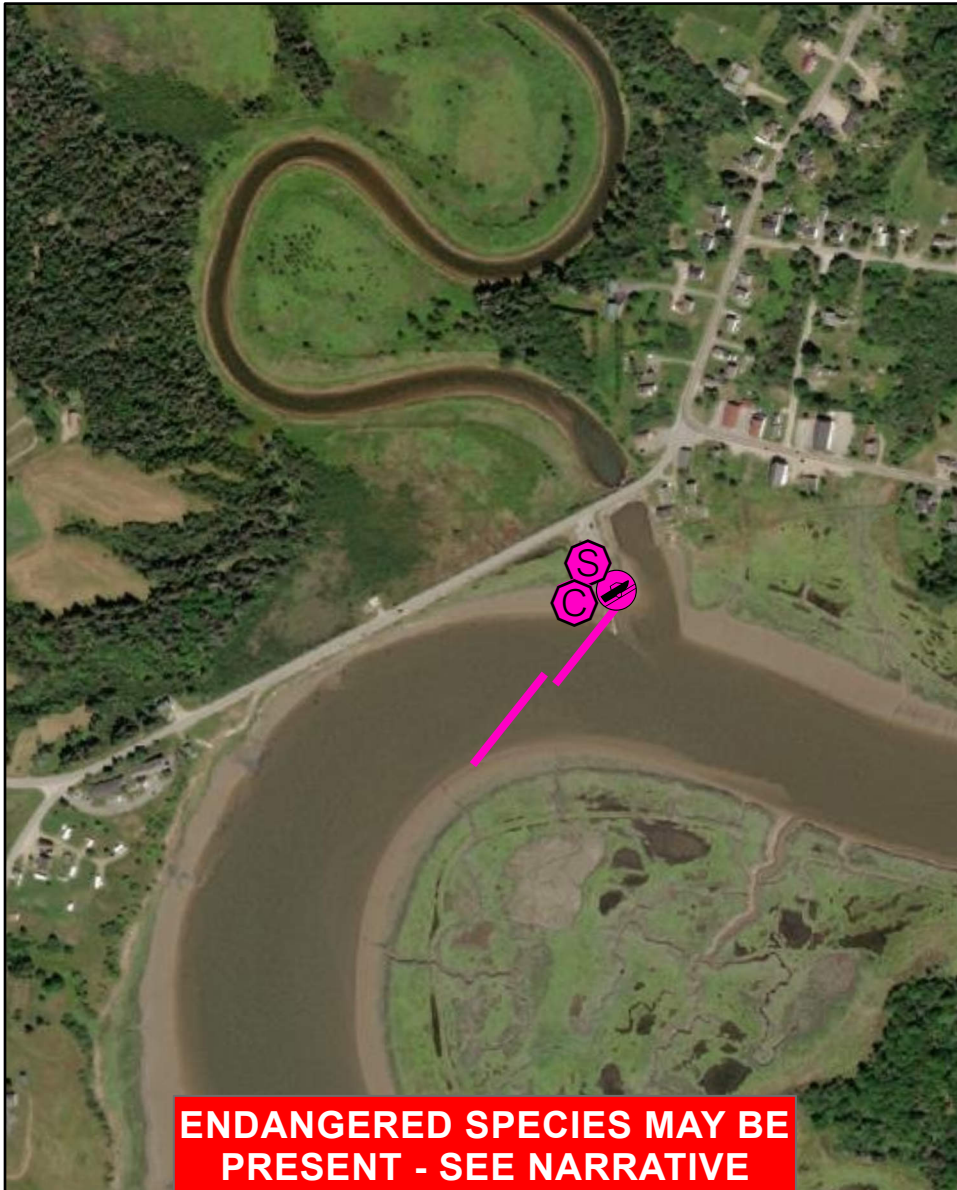


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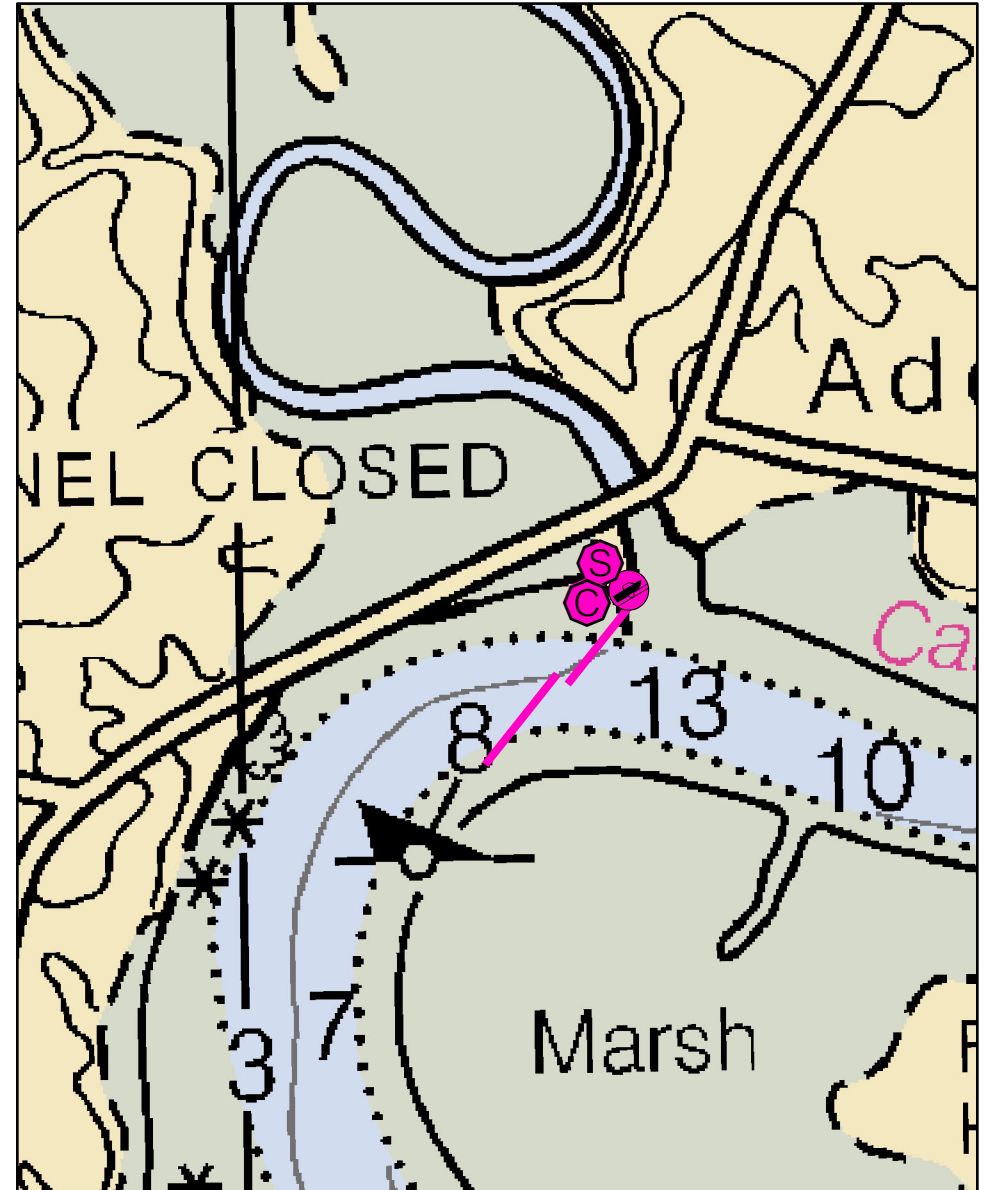


Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



ENDANGERED SPECIES MAY BE PRESENT - SEE NARRATIVE



D-09-3 Pleasant River / Addison

Town	Addison	Port Region	Downeast
Latitude	44° 36.998' N	Longitude	67° 44.773' W
Approx. Tidal Range (feet)	12	NOAA Chart #	13324_1
Max Current (knots)	Flood	ESI Map #	12D
Source	Ebb	EVI Map #	83
		DeLorme Map # (2019)	25 D5

Resources At Risk

ESI Primary Shoreline Type	Vegetated low banks (9B)
ESI Secondary Shoreline Type	Salt- and brackish-water marshes (10A)

Environmental Concerns Federally endangered Atlantic Salmon may be present April - November. Extensive salt marshes upstream of this area.

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose	To divert oil from upper and West Branch of Pleasant River.
Staging Areas	Town of Addison boat ramp on site
Site Access	Town of Addison boat ramp on site
Nearest Boat Ramp	On site
Collection Points	At boat launch
Special Instructions	
Work Assignment	Deploy two 350 foot lengths of boom across the Pleasant River

Recommended Equipment / Resources

Length of Boom (feet)	700	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	3 - 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 1 - workboats with minimum 90 hp 1 - 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.

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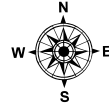
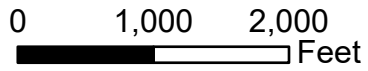
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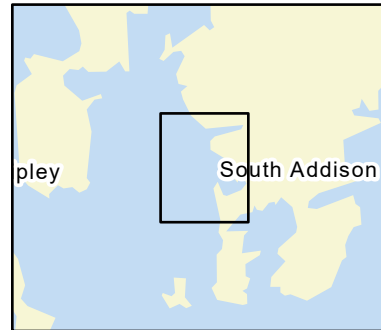
D-10-1

Mash Harbor

Addison, ME

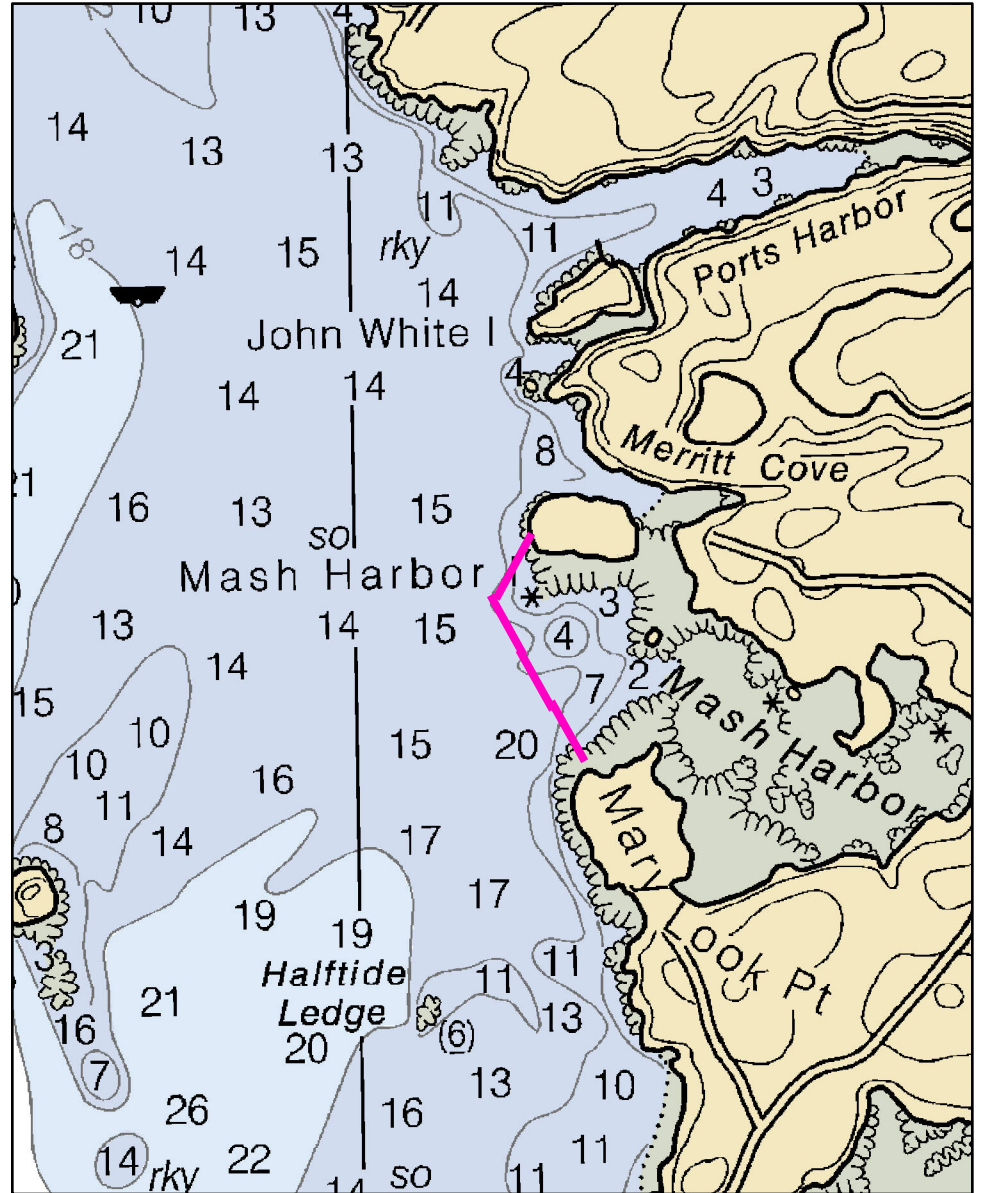


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Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



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D-10-1 Mash Harbor

Town Addison

Port Region Downeast

Latitude 44° 31.486 **Longitude** 67° 44.729

NOAA Chart # 13324_1

Approx. Tidal Range (feet) 12

ESI Map # 12D, 18B

Max Current (knots) **Flood** < 1 knot **Ebb**

EVI Map # 79

Source Local knowledge estimate

DeLorme Map # (2019) 25 E5

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

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

Environmental Concerns Secondary to other Pleasant River strategies. Mudflat, eelgrass, shellfish bed, shorebird area

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To exclude oil from Mash Harbor

Staging Areas South Addison town landing in Eastern Harbor, Narrows Road, Addison

Site Access By water from town landing

Nearest Boat Ramp South Addison town landing in Eastern Harbor, Narrows Road, Addison

Collection Points None. Exclusion strategy

Special Instructions Secondary to other Pleasant River strategies

Work Assignment Deploy one 500 foot and three 400 foot sections of boom across entrance to Mash Harbor

Recommended Equipment / Resources

Length of Boom (feet) 1700

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
5 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
2 - shoreside connections
2 - 4 workboats with minimum 90 hp
2 - 4 boat operators
6 - 8 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: 5/2/2019

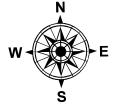
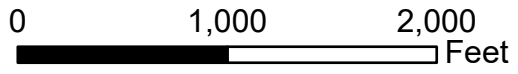
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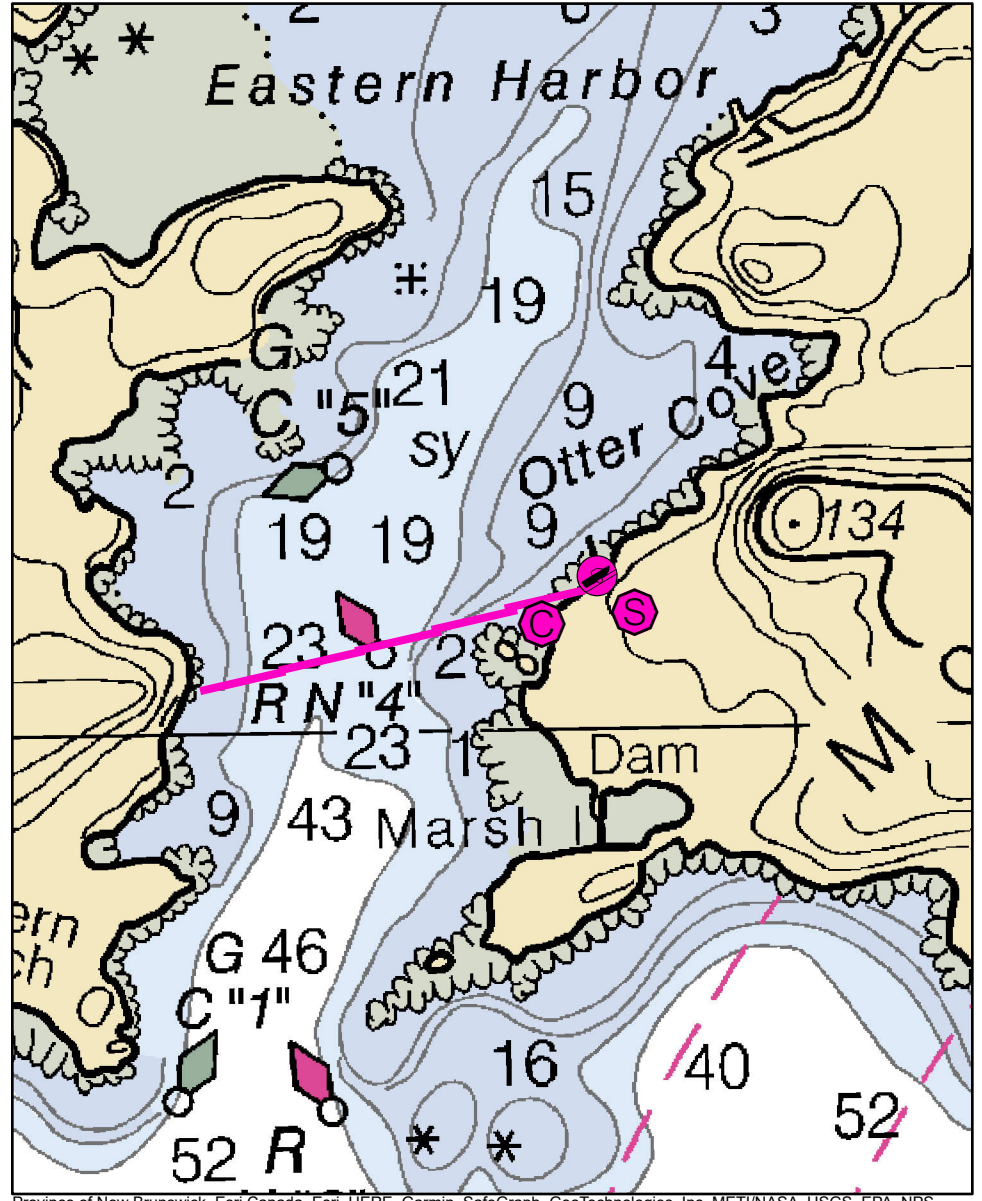
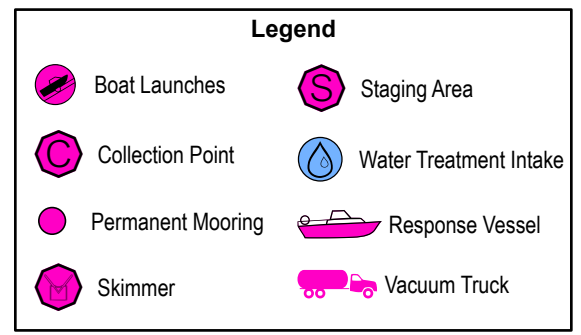
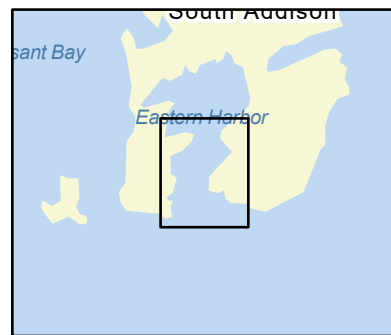
D-11-1

Eastern Harbor

Addison, ME



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D-11-1 Eastern Harbor

Town Addison

Port Region Downeast

Latitude 44° 30.282' N **Longitude** 67° 43.770' W

NOAA Chart # 13324_1

Approx. Tidal Range (feet) 12

ESI Map # 18B

Max Current (knots) Flood Ebb

EVI Map # 79

Source **DeLorme Map # (2019)** 25 E5

Resources At Risk

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

ESI Secondary Shoreline Type

Environmental Concerns Eelgrass, clams, marine worms and shorebirds in Eastern Harbor.

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To divert oil from inner Eastern Harbor

Staging Areas South Addison boat ramp, Marsh Island Road, Addison

Site Access South Addison boat ramp, Marsh Island Road, Addison

Nearest Boat Ramp South Addison boat ramp, Marsh Island Road, Addison

Collection Points South Addison boat ramp, Marsh Island Road, Addison

Special Instructions Lobster pound, lobster dealer and possible herring weir in vicinity.

Work Assignment Deploy 2,000 feet of boom from Otter Cove boat launch to green can to divert oil into Otter Cove. If possible, deploy additional 1,000 feet of boom from green can to Cape Split to prevent oil from entering Eastern Harbor.

Recommended Equipment / Resources

Length of Boom (feet) 2000 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
8 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
2 - 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.

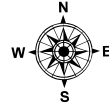
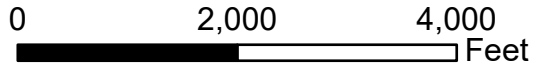
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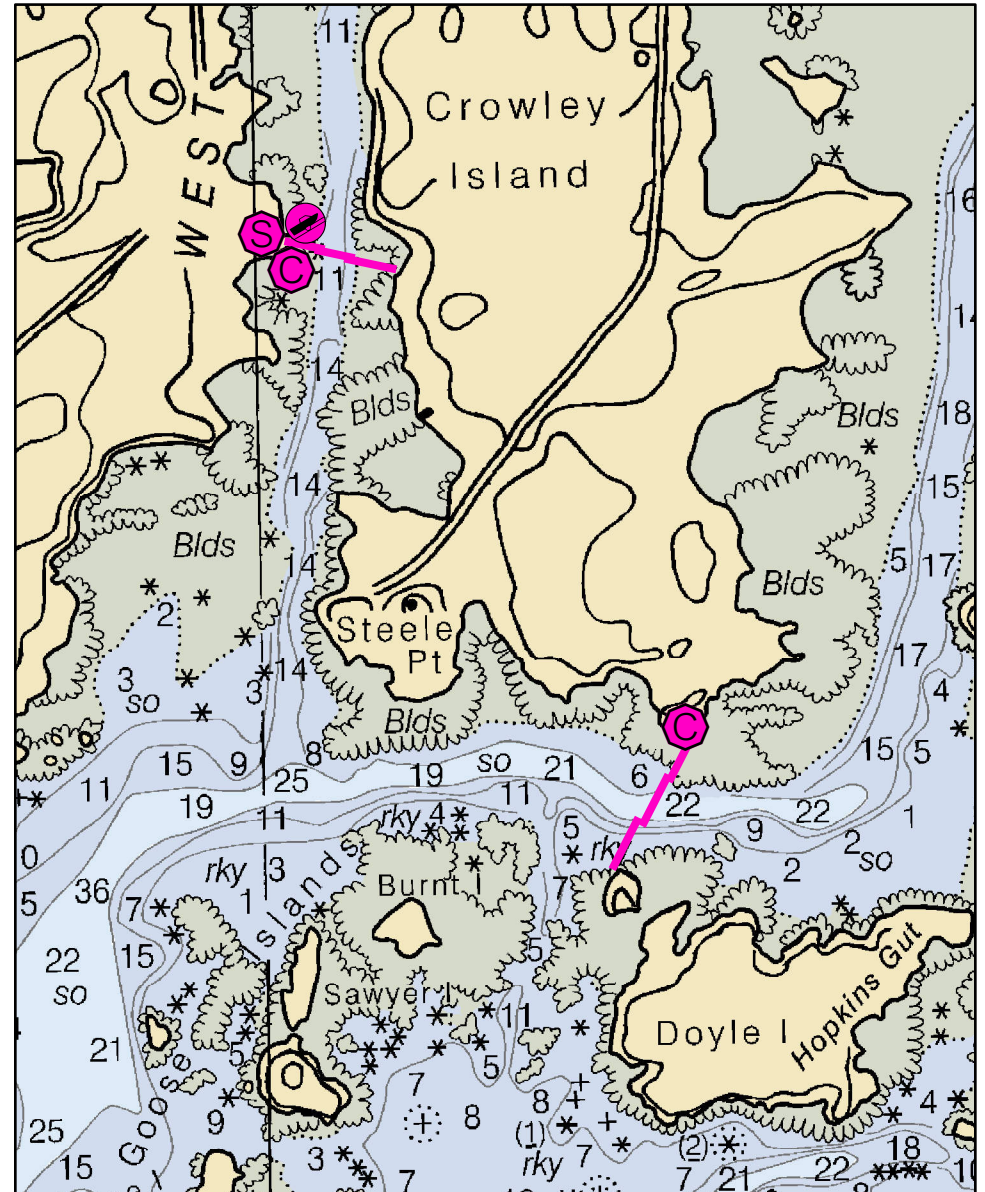
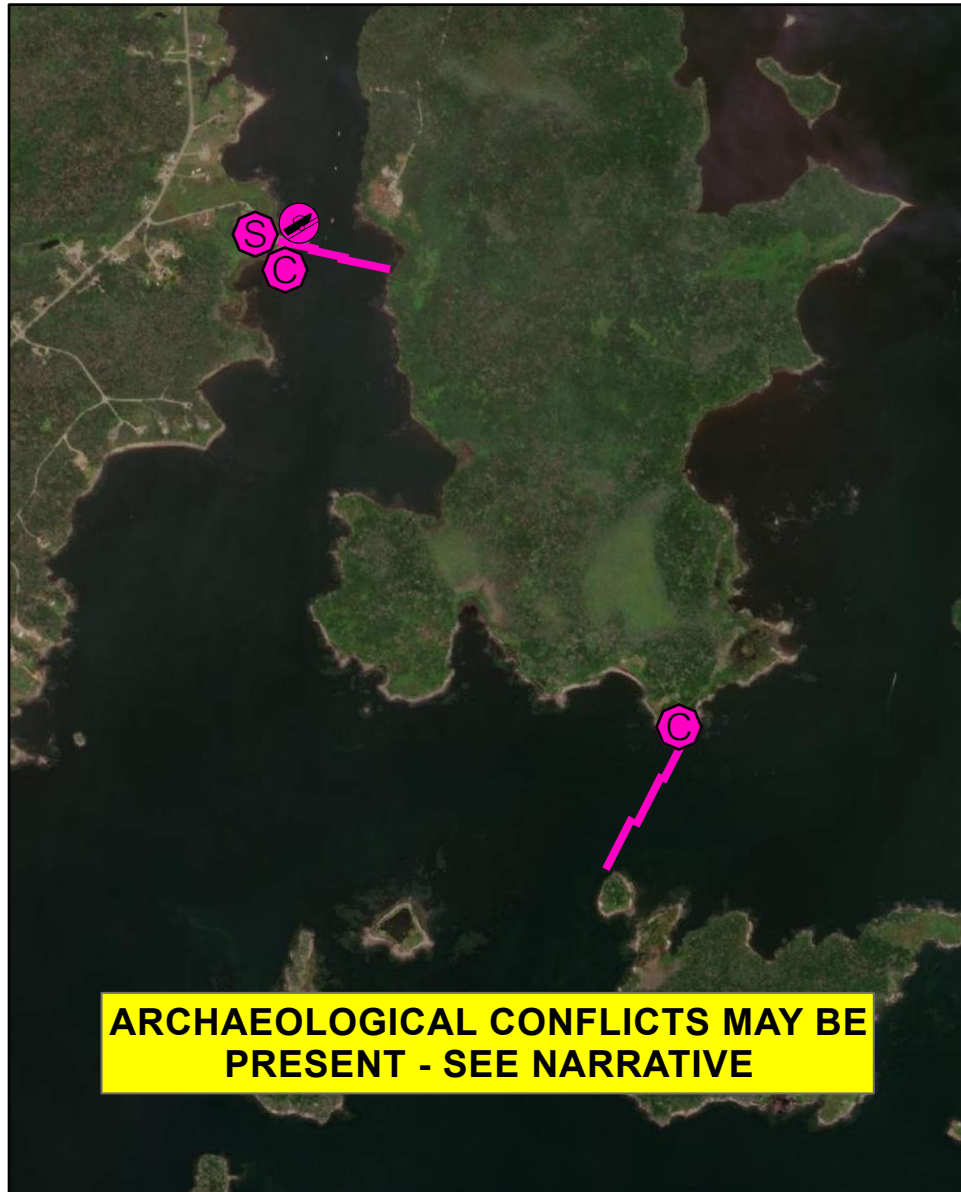
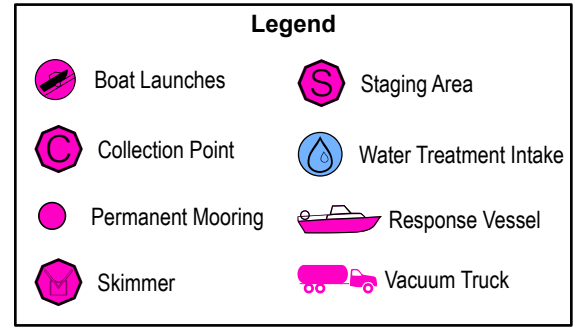
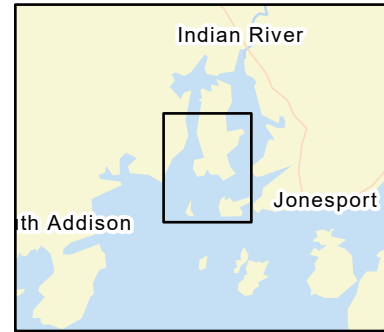
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D-12-1

Wohoa Bay: Indian and West Rivers Addison, ME



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D-12-1 Wohoa Bay: Indian & West Rivers

Town	Addison	Port Region	Downeast
Latitude	44° 32.250' N	Longitude	67° 39.390' W
Approx. Tidal Range (feet)	12	NOAA Chart #	13326_1
Max Current (knots)	Flood	ESI Map #	12C
Source	Ebb	EVI Map #	84, 80
		DeLorme Map # (2019)	26 E1

Resources At Risk

ESI Primary Shoreline Type	Vegetated low banks (9B)
ESI Secondary Shoreline Type	Mixed sand and gravel beaches (5)

Environmental Concerns Eelgrass, shellfish, shorebirds, diadromous fish and elver runs

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

Strategy Information

Strategy Purpose	To divert oil from upper Indian and West Rivers
Staging Areas	West River Landing, Basin Road, Addison
Site Access	West River Landing, Basin Road, Addison
Nearest Boat Ramp	West River Landing, Basin Road, Addison
Collection Points	West River Landing, Addison and wharf on south end of Crowley Island, Addison (unsure of road access)
Special Instructions	Currents unknown. Observe prior to deployment. Rocky and difficult access.
Work Assignment	Deploy two 300 sections and one 400 foot section of boom across the West River to the West River Landing on Basin Road, Addison. Deploy three 500 foot sections of boom across the Indian River entrance from Doyle Island to wharf on south end of Crowley Island

Recommended Equipment / Resources

Length of Boom (feet)	2500	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	West River: 4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys. 2 - shoreside connections 1 - vacuum truck or skimmer and storage 2 - workboats with minimum 90 hp 2 - boat operators 4 - laborers	Indian River: 6 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys. 1 - vacuum truck or skimmer and storage if accessible 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: 5/2/2019

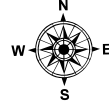
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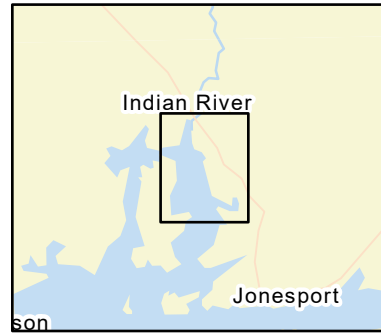
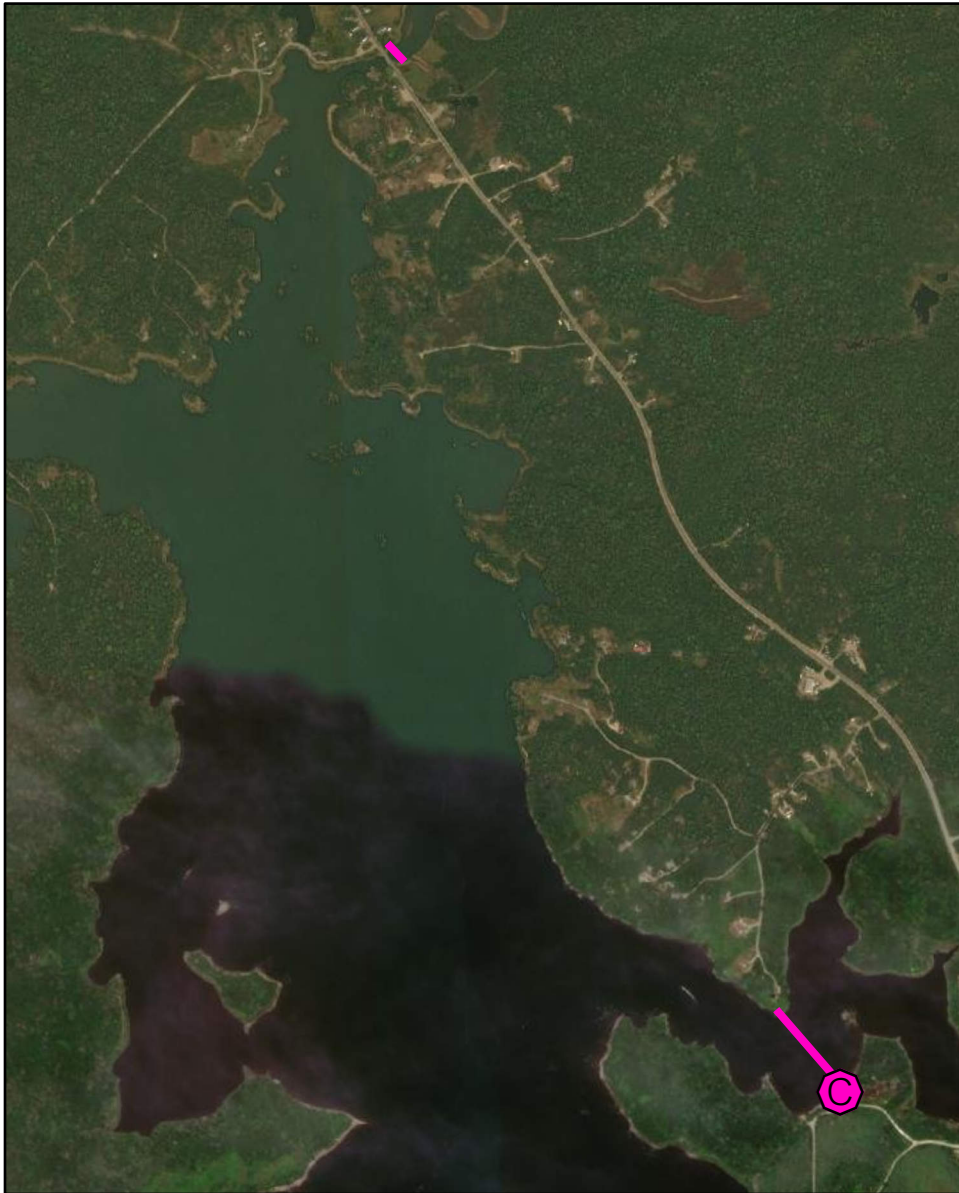
D-12-2

Wohoa Bay: Indian River Jonesport, ME

0 1,000 2,000
Feet

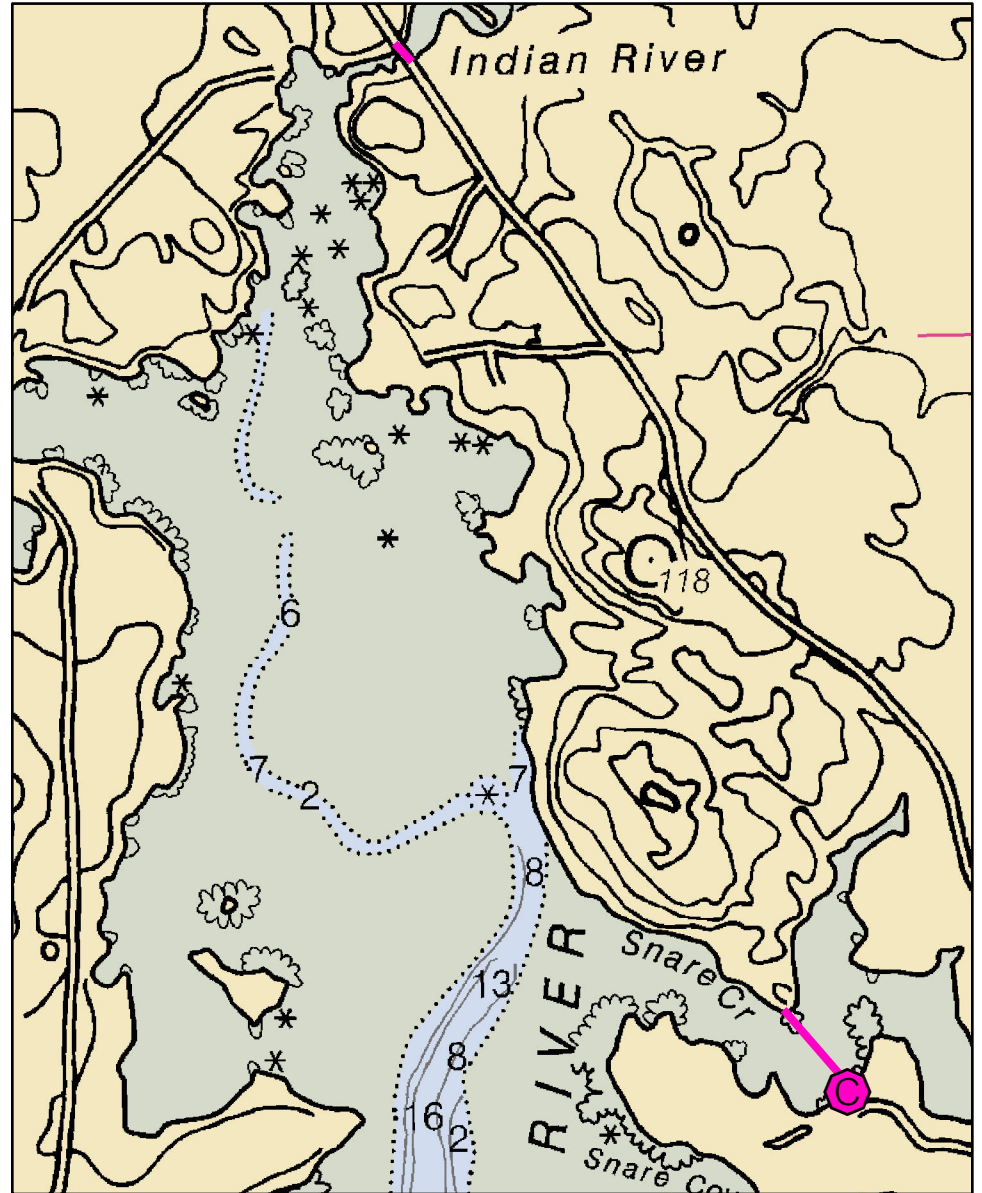


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Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



D-12-2 Wohoa Bay: Indian River

Town Addison / Jonesport

Port Region Downeast

Latitude 44° 33.49' N **Longitude** 67° 38.647' W

NOAA Chart # 13326_1

Approx. Tidal Range (feet) Tidal flat

ESI Map # 12C

Max Current (knots) Flood Ebb

EVI Map # 84

Source **DeLorme Map # (2019)** 26 E1

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)

ESI Secondary Shoreline Type

Environmental Concerns Coves of Indian River contain eelgrass, shorebird habitat and mudflats

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose Secondary strategies to D-12-1. Divert oil from Snare Creek and upper Indian River if D-12-1 is not effective.

Staging Areas Rite 187 and end of Janet's Lane off of Alexander Ave in Jonesport (south end of boom)

Site Access From Rte. 187 and end of Janet's Lane off Alexander Ave in Jonesport

Nearest Boat Ramp West River Landing, Basin Road, Addison

Collection Points At Route 187 and end of Janet's Lane off Alexander Ave in Jonesport

Special Instructions Strategies secondary to D-12-1 to be deployed if that is not effective. Snare Creek can only be accessed by boat at higher water

Work Assignment Deploy 750 feet across Snare Creek, and ensure that oil is not able to pass culvert at Rte. 187. Use 150 feet of boom here if necessary

Recommended Equipment / Resources

Length of Boom (feet) 900

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)

Snare Creek:

Indian River at Rte. 187:

- 1 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
- 2 - shoreside connections
- 1 - vacuum truck or skimmer and storage
- 1 - shallow draft workboat
- 1 - boat operators
- 2 - laborers

2 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: 5/3/2019

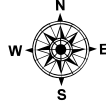
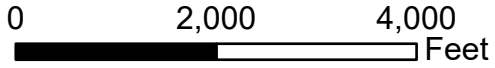
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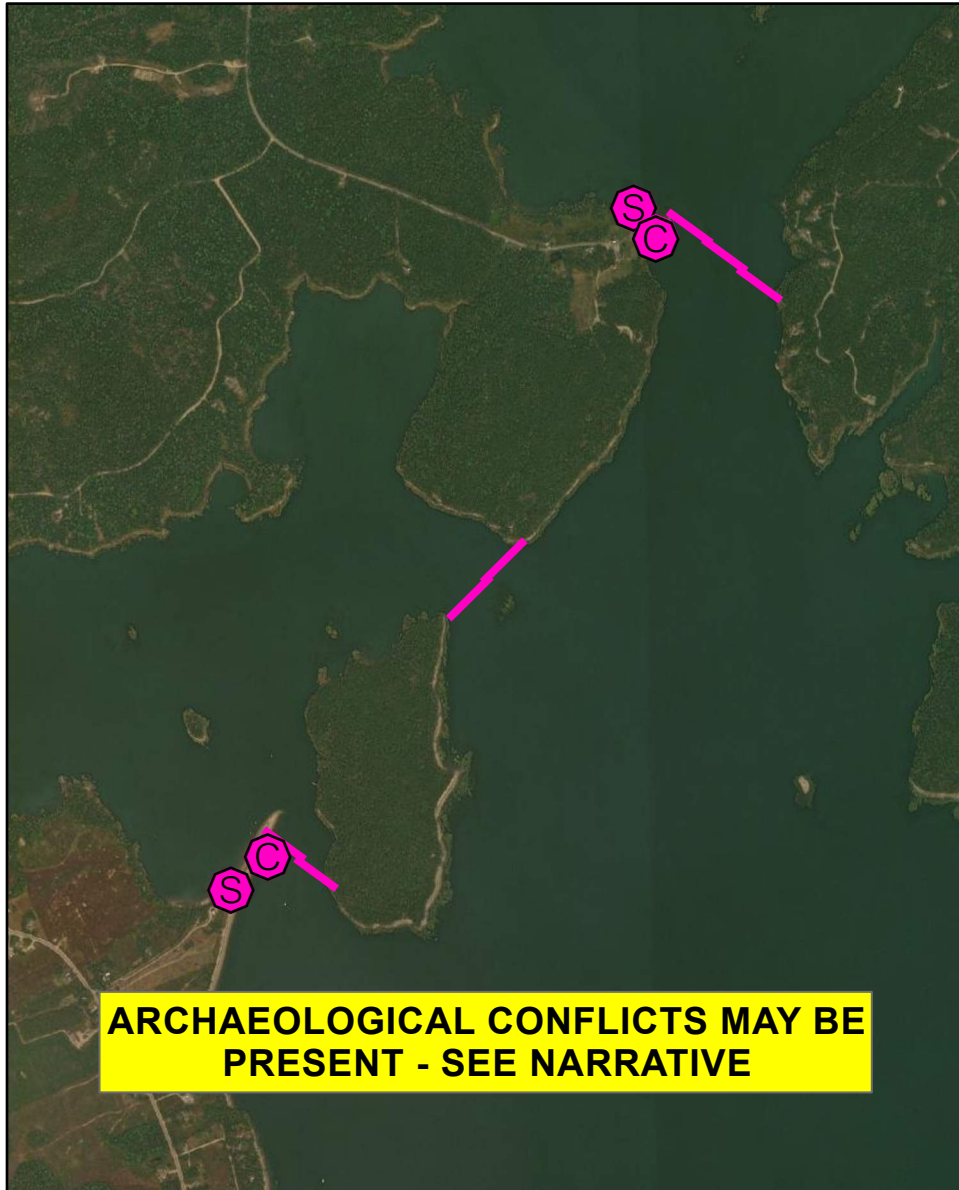
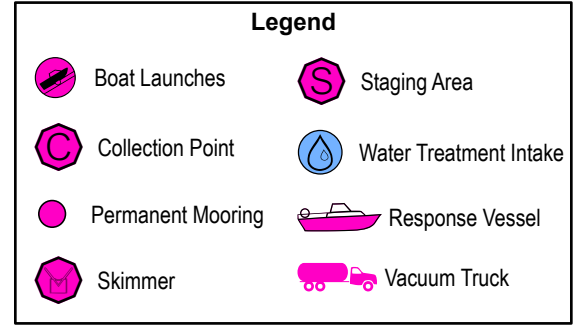
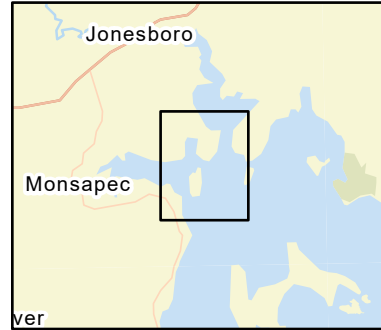
D-13-1

Mason Bay & Chandler River

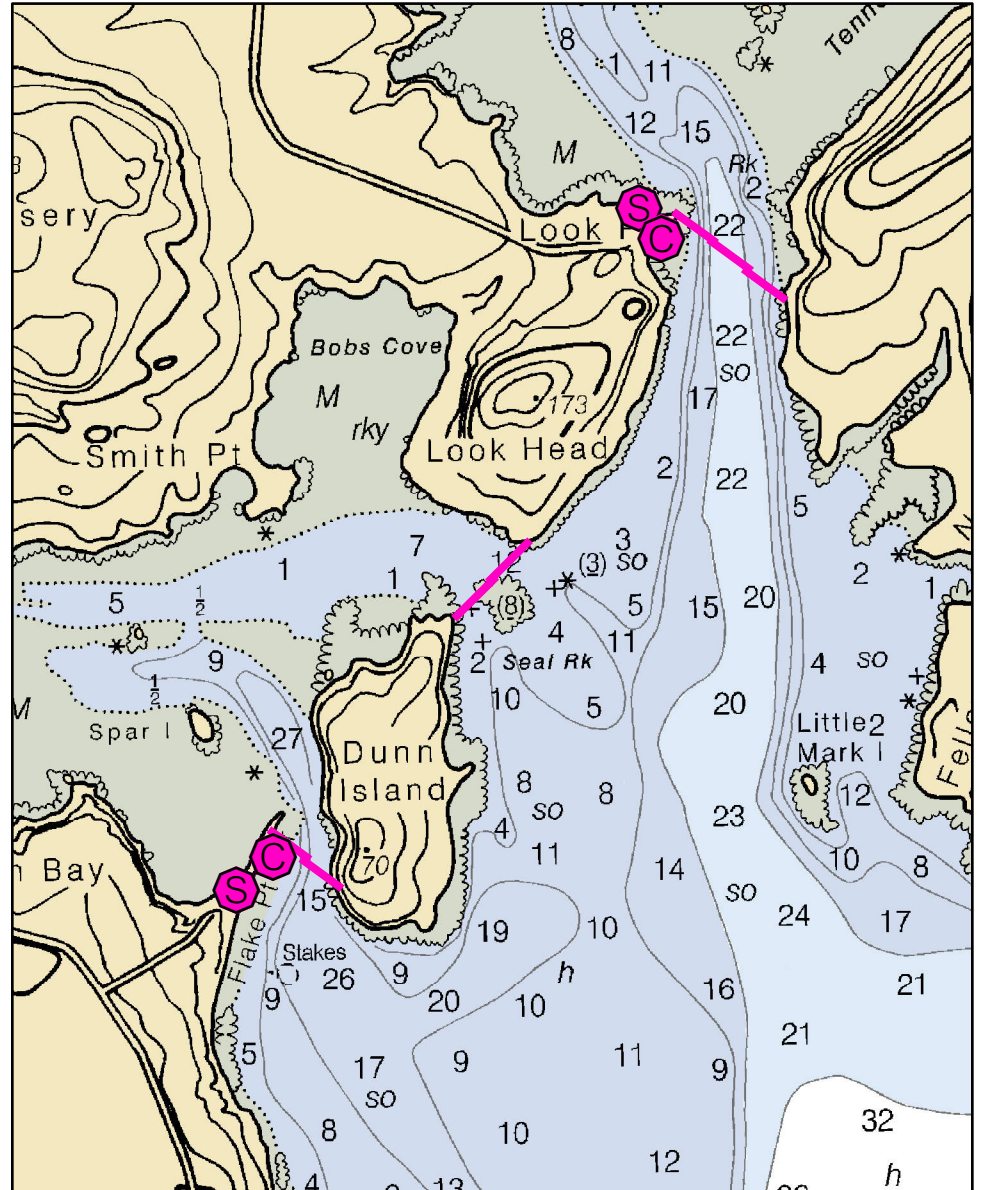
Jonesboro / Jonesport / Roque Bluffs, ME



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ARCHAEOLOGICAL CONFLICTS MAY BE PRESENT - SEE NARRATIVE



Maxar, Province of New Brunswick, Esri Canada, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada, NOAA

D-13-1 Mason Bay & Chandler River

Town Jonesport, Jonesboro, Roque Bluffs

Port Region Downeast

Latitude 44° 37.825' N **Longitude** 67° 33.046' W

NOAA Chart # 13326_1

Approx. Tidal Range (feet) 12

ESI Map # 11B, 11D

Max Current (knots) Flood Ebb

EVI Map # 85

Source **DeLorme Map # (2019)** 26 D2

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

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

Environmental Concerns Shellfish, eelgrass, marine worms, diadromous fish and shorebirds in Mason Bay and Chandler River

Archaeological Conflicts Use boulder or tree anchors on south side of Look Head. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from Mason Bay and Chandler River

Staging Areas Flake Point bar at end of Flake Point Road, Jonesport and road at end of Looks Point Road in Jonesboro.

Site Access Flake Point bar and Look Point or Chandler Bay boat ramp.

Nearest Boat Ramp Chandler Bay boat ramp, Evergreen Point Road, Jonesboro (all tide)

Collection Points Flake Point Bar

Special Instructions

Work Assignment Deploy two 400 foot sections of boom from Flake Point to Dunn Island. Deploy two 500 foot sections of boom between Dunn Island and Look Head. Deploy three 400 foot sections of boom across Chandler River.

Recommended Equipment / Resources

Length of Boom (feet) 2600

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
9 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
5 - shoreside connections
2 - vacuum trucks or skimmers and storage
2 - 4 workboats with minimum 90 hp
2 - 4 boat operators
4 - 8 - laborers

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

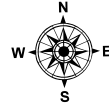
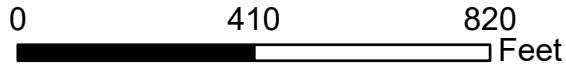
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Last Field Visit: 6/26/2007

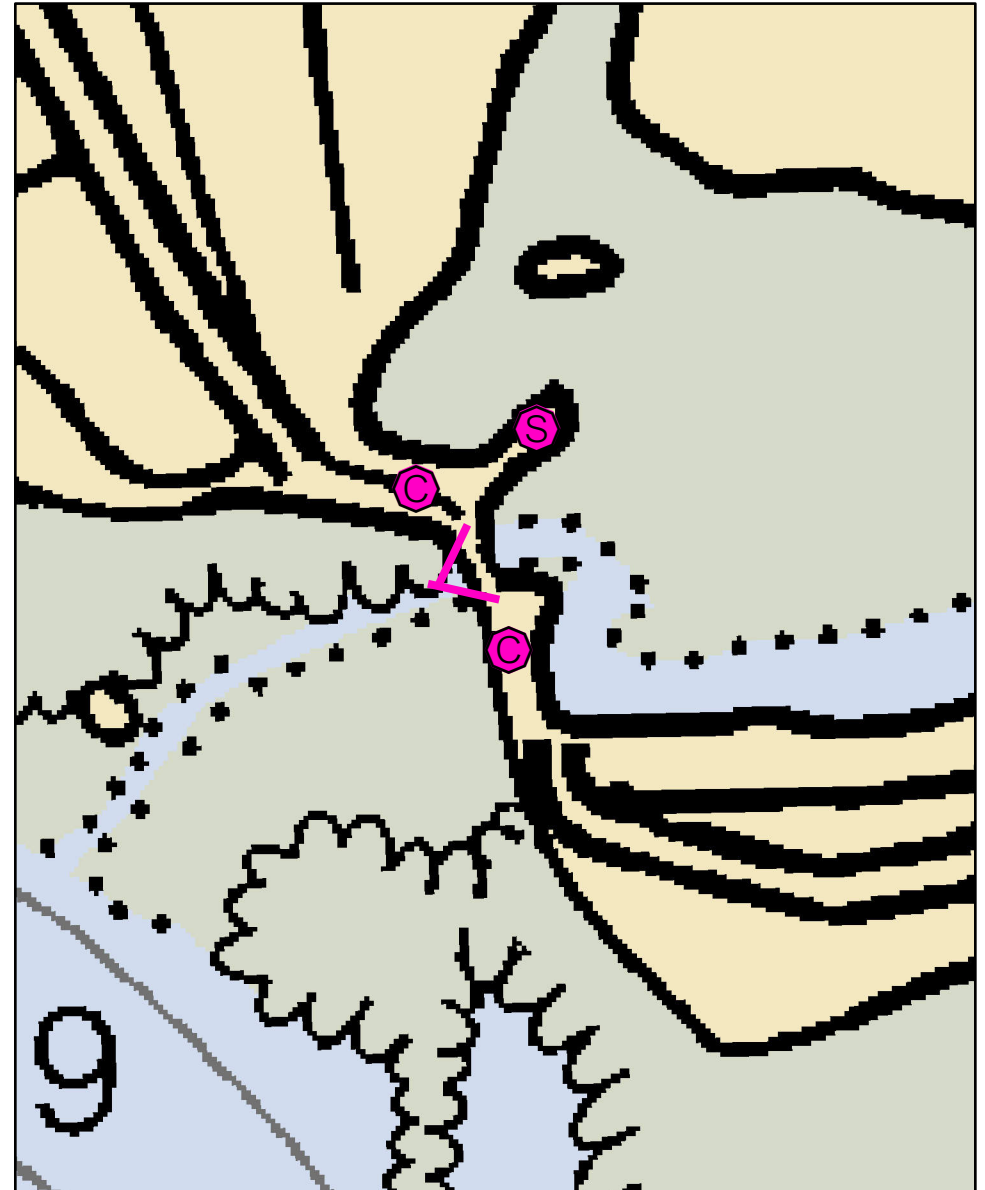
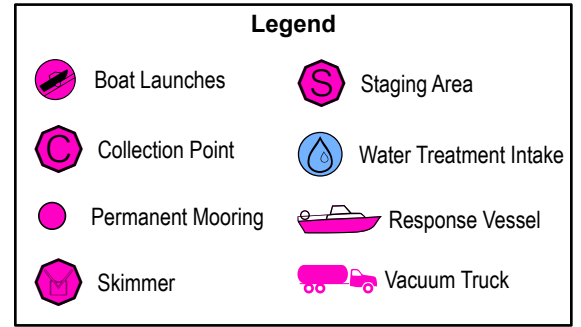
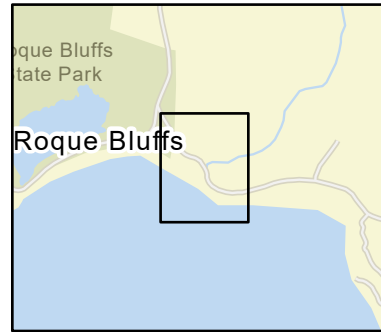
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D-14-1

Roque Bluffs: Englishman River Roque Bluffs, ME



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D-14-1 Roque Bluffs: Englishman River

Town	Roque Bluffs	Port Region	Downeast
Latitude	44° 36.570' N	Longitude	67° 28.716' W
Approx. Tidal Range (feet)	12	NOAA Chart #	13326_1
Max Current (knots)	Flood	ESI Map #	11D, 11C
Source	Ebb	EVI Map #	85
		DeLorme Map # (2019)	26 D3

Resources At Risk

ESI Primary Shoreline Type Gravel beaches (6A)

ESI Secondary Shoreline Type

Environmental Concerns Salt marsh upriver of mouth. Shorebirds, eelgrass, diadromous fish.

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

Strategy Information

Strategy Purpose To divert oil from entering Englishman River

Staging Areas Roque Bluffs boat ramp at end of Schoppee Point Road, Roque Bluffs

Site Access Roque Bluffs boat ramp, Roque Bluffs State Park or Englishman River bridge

Nearest Boat Ramp Roque Bluffs boat ramp at end of Schoppee Point Road is a part tide ramp. Nearest all tide ramp is on the Chandler River in Jonesboro on Evergreen Point Road.

Collection Points At either end of Englishman River Bridge

Special Instructions Roque Bluffs state park is adjacent. Sand beach is coastal barrier area. Divert from here if possible.

Work Assignment Deploy two 100 foot sections of boom in a chevron configuration at river mouth

Recommended Equipment / Resources

Length of Boom (feet) 200 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)

- 1 - anchor system: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
- 2 - shoreside connections
- 1 - vacuum truck or skimmer and storage
- 1 - small workboat
- 1 - boat operators
- 2 - 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: 5/3/2019

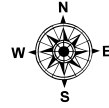
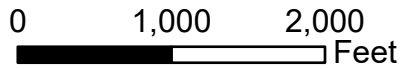
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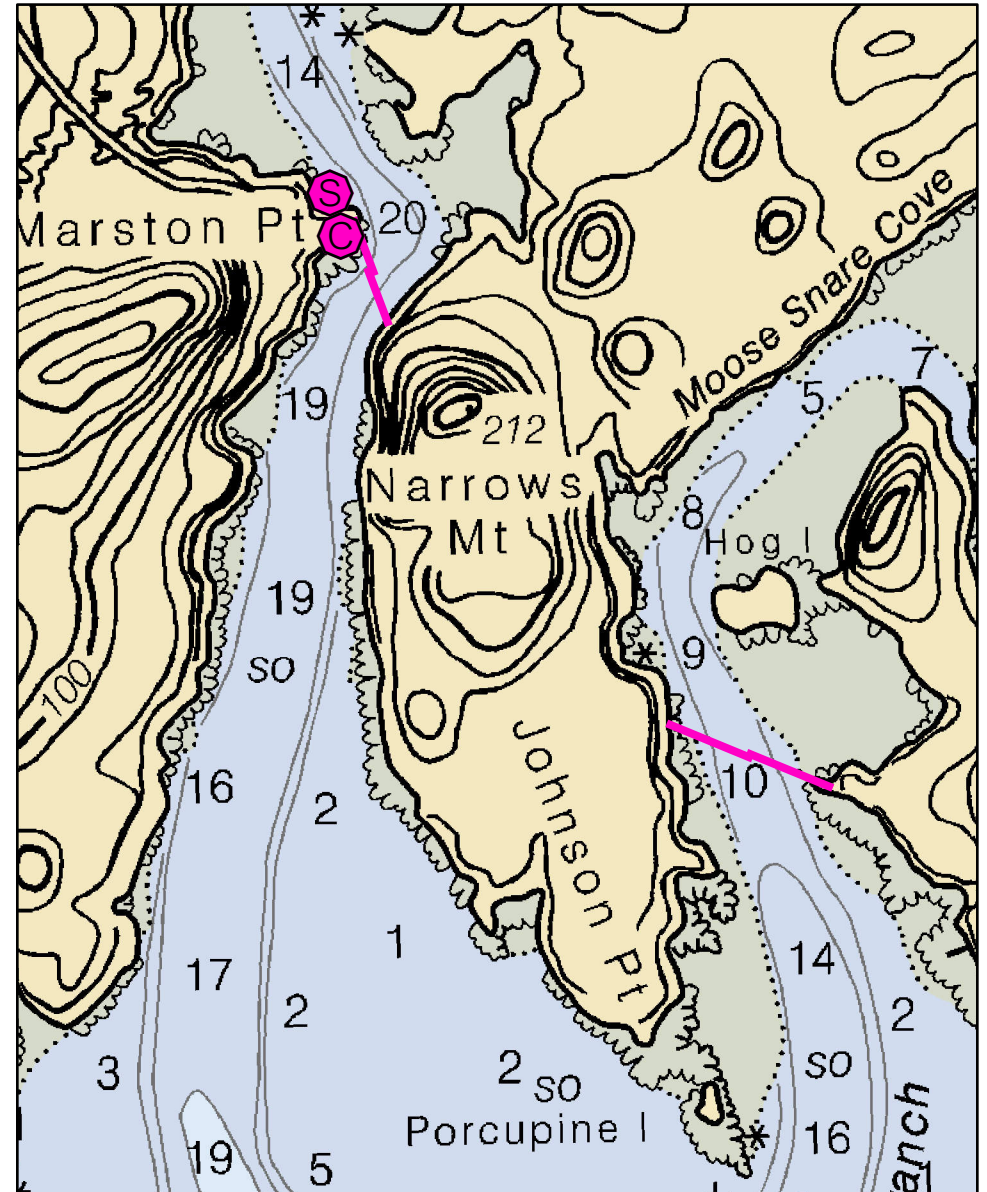
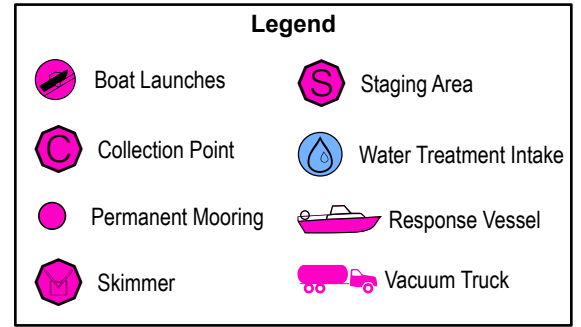
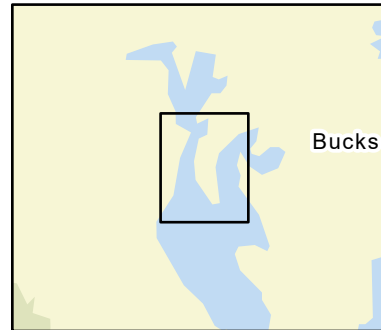
D-15-1

Little Kennebec Bay

Machias / Machiasport, ME



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D-15-1 Little Kennebec Bay

Town Machias / Machiasport

Port Region Downeast

Latitude 44° 39.068' N **Longitude** 67 26.348' W

NOAA Chart # 13326_1

Approx. Tidal Range (feet) 12

ESI Map # 11A

Max Current (knots) Flood Ebb

EVI Map # 86, 85

Source **DeLorme Map # (2019)** 26 D3

Resources At Risk

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

ESI Secondary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

Environmental Concerns Upper reaches of bay has extensive mudflats, shorebird and shellfish habitat, elver run

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To divert / exclude oil from upper reaches of Little Kennebec Bay

Staging Areas Marston Point at end of W Kennebec Road in Machias

Site Access Same as staging

Nearest Boat Ramp Marston Point at end of W Kennebec Road

Collection Points Marston Point boat launch. Limited opportunity for collection in Johnson Point area other than on water skimming

Special Instructions

Work Assignment Deploy two 350 foot sections of boom across the channel from boat launch at Marston Point to shoreline near Narrows Mountain. Deploy two 500 foot sections across the channel from Johnson Point to eastern shoreline.

Recommended Equipment / Resources

Length of Boom (feet) 1700

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
4 - shoreside connections
1 - vacuum truck or skimmer and storage
2 - workboats with minimum 90 hp
2 - boat operators
4 - 6 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: 5/3/2019

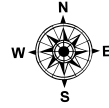
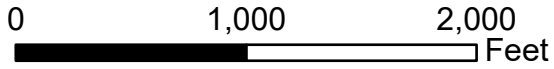
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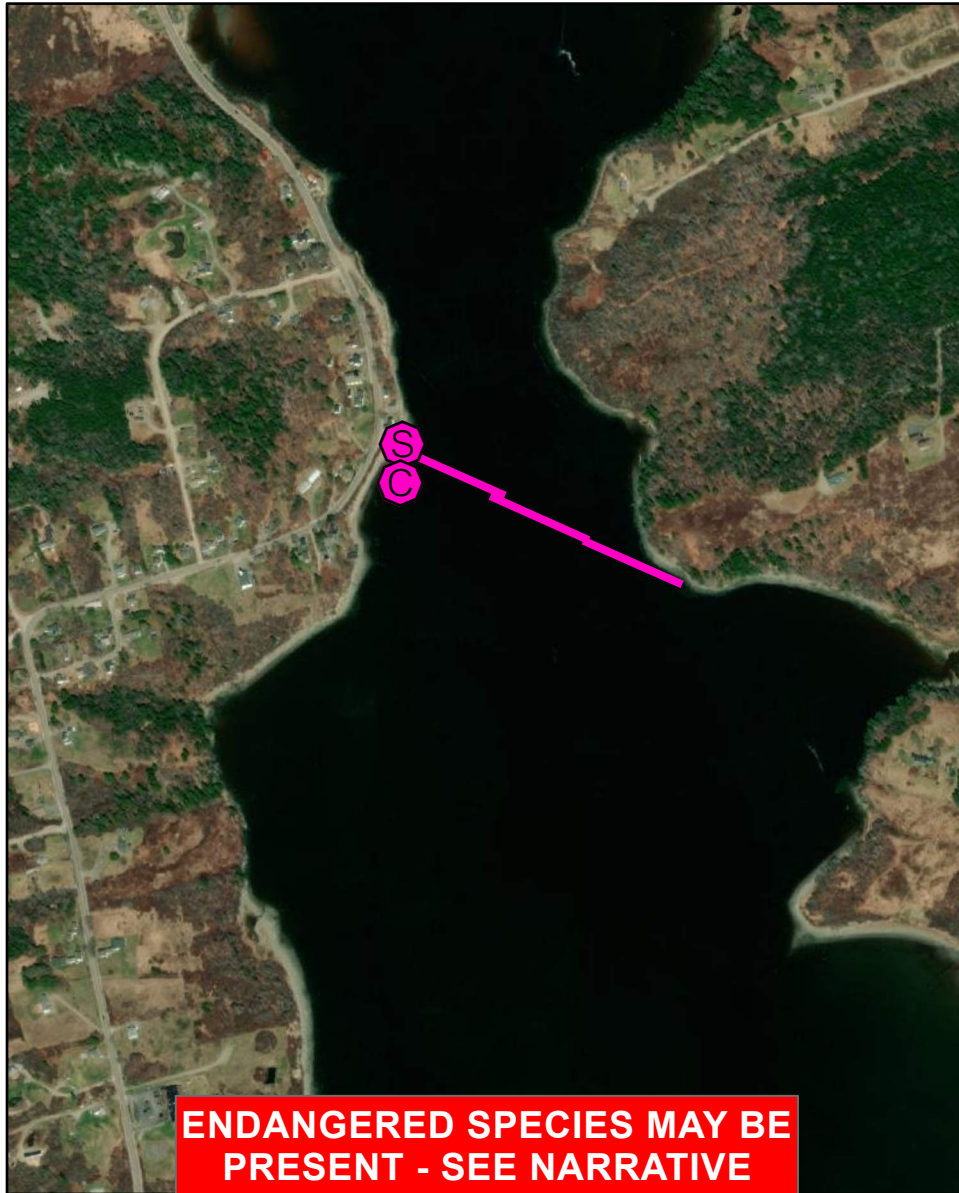
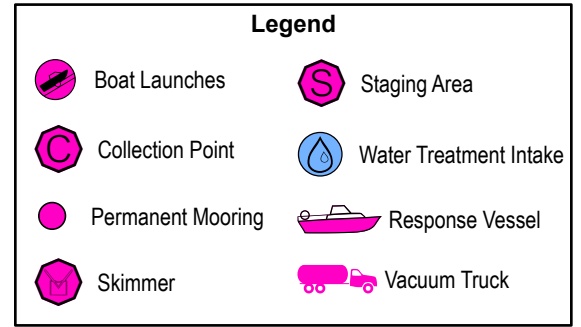
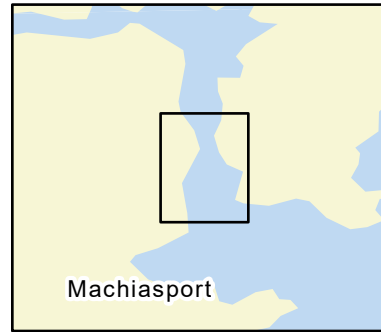
D-16-1

Machias River

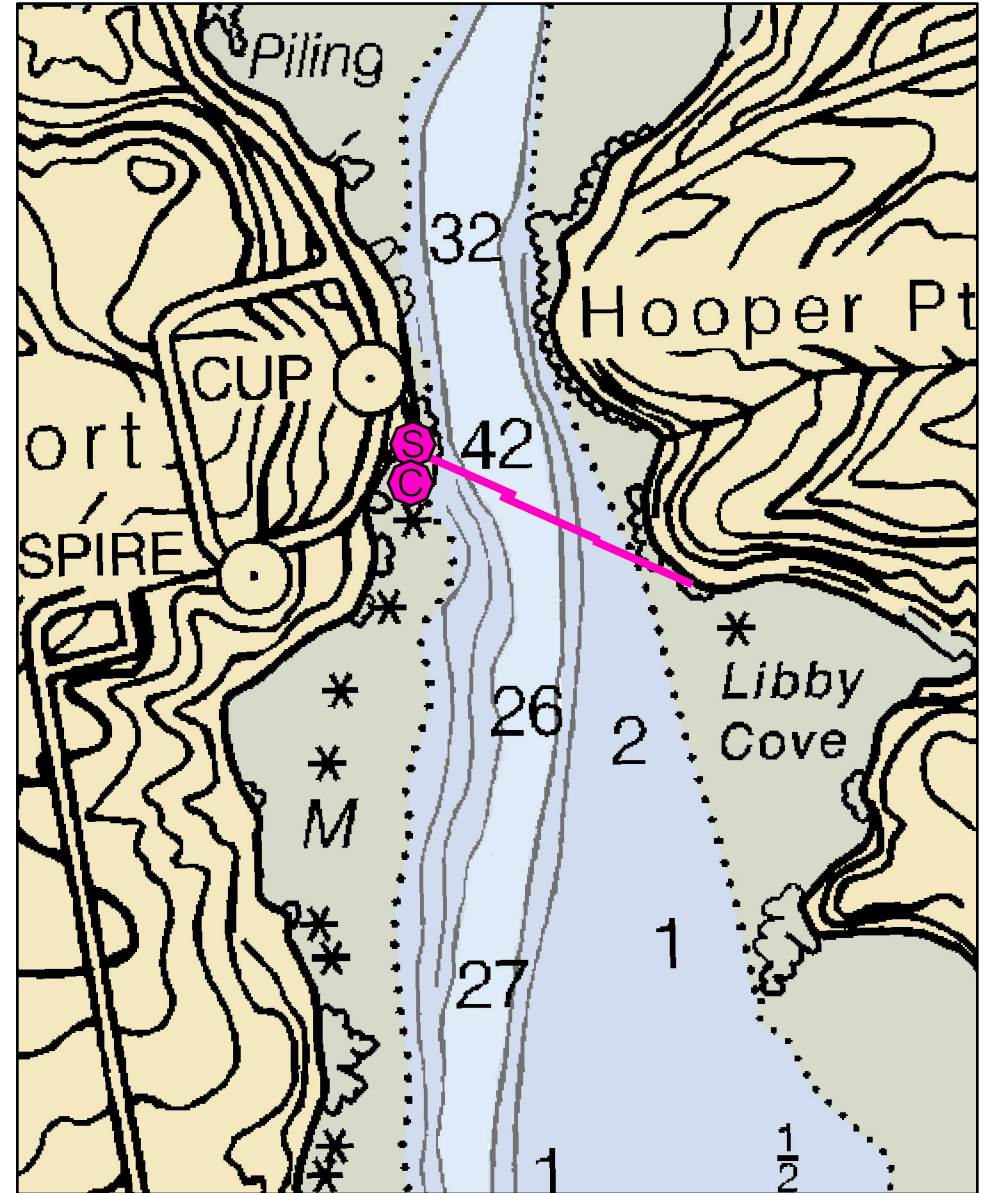
Machiasport, ME



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ENDANGERED SPECIES MAY BE PRESENT - SEE NARRATIVE



D-16-1 Machias River

Town	Machiasport	Port Region	Downeast
Latitude	44° 41.814' N	Longitude	67° 26.348' W
Approx. Tidal Range (feet)	12	NOAA Chart #	13326_1
Max Current (knots)	Flood	ESI Map #	11A
Source	Ebb	EVI Map #	90
		DeLorme Map # (2019)	26 C4

Resources At Risk

ESI Primary Shoreline Type	Exposed tidal flats (7)
ESI Secondary Shoreline Type	Mixed sand and gravel beaches (5)

Environmental Concerns Federally endangered Atlantic Salmon may be present April - November. Other diadromous fish runs, extensive shorebird habitat and shellfish beds and marshes upstream. Consider additional secondary strategies upstream if this one does not prove effective.

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose	To divert oil from upper Machias River
Staging Areas	Port Road, Machiasport
Site Access	Port Road, Machiasport
Nearest Boat Ramp	All tide ramp upstream at Route 1 in downtown Machias
Collection Points	Along Port Road in Machiasport
Special Instructions	Will likely need to close Port Road
Work Assignment	Deploy three 400 foot sections of boom across the Machias River from Port Road in Machiasport

Recommended Equipment / Resources

Length of Boom (feet)	1200	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys. 2 - 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: 5/3/2019

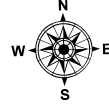
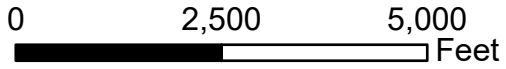
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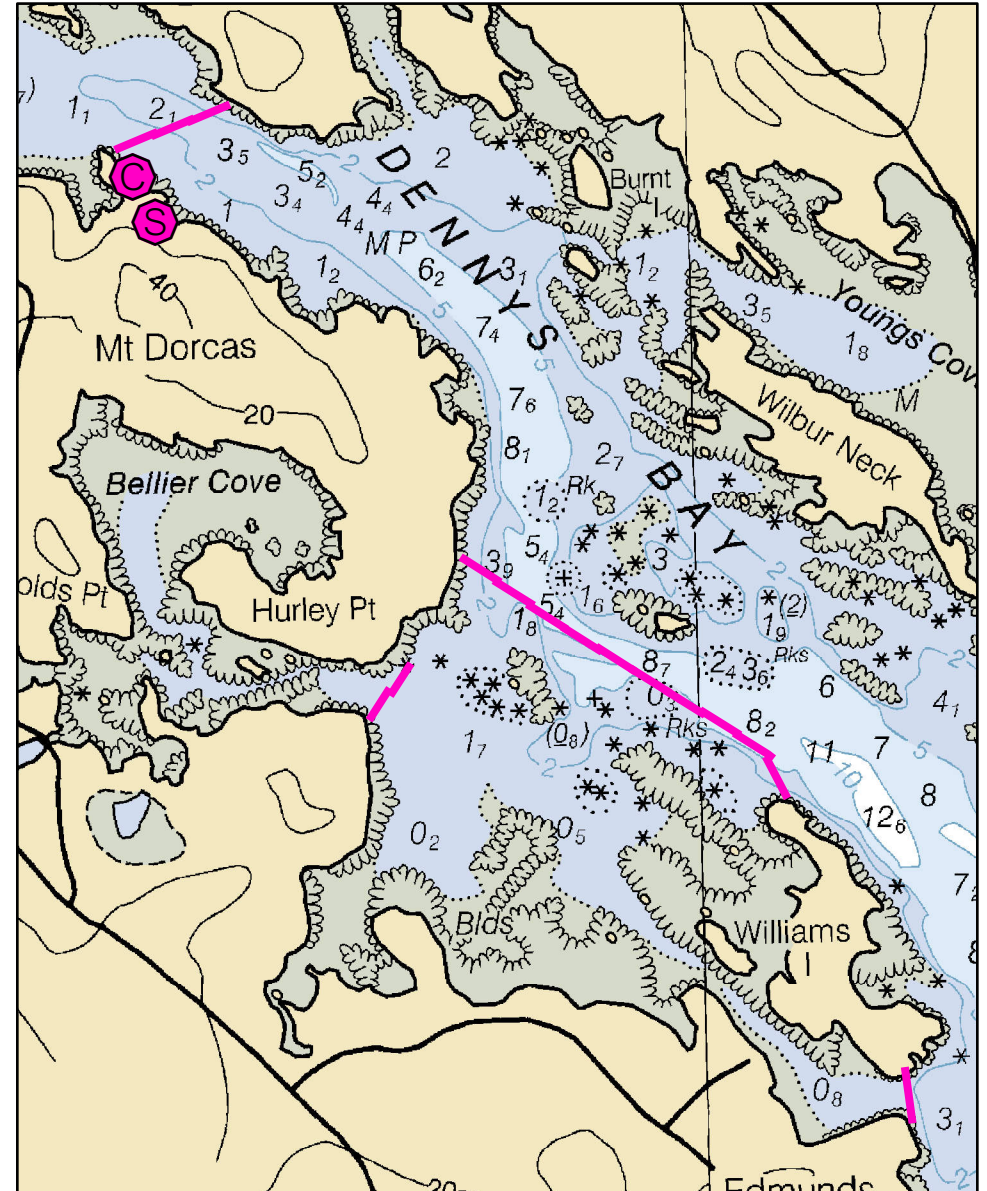
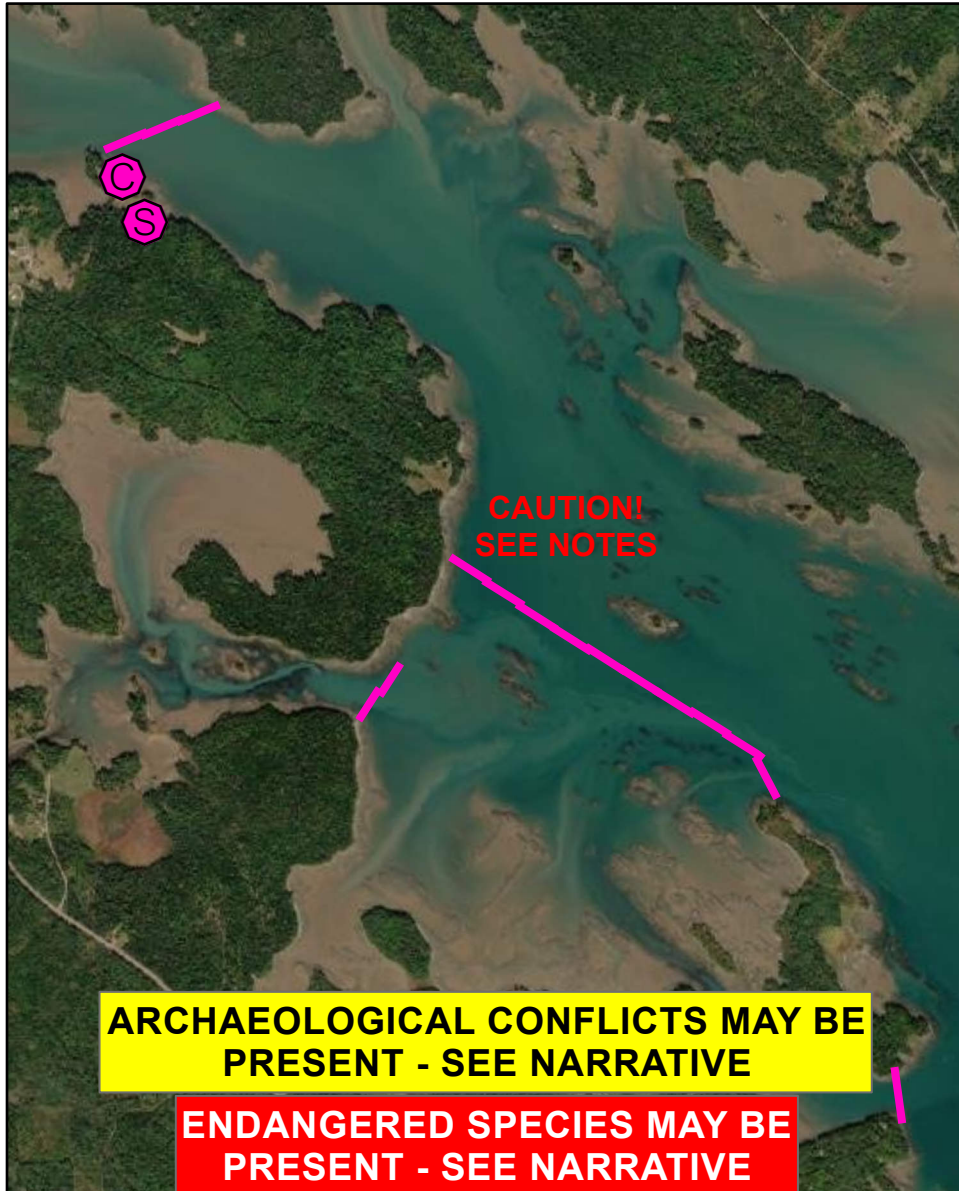
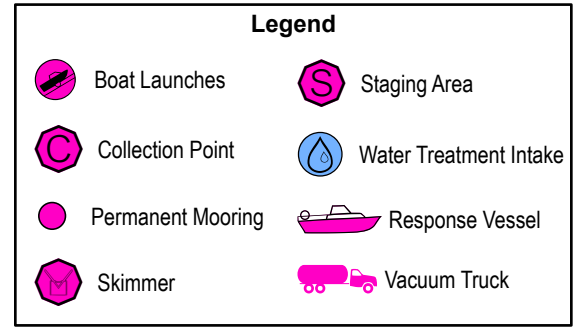
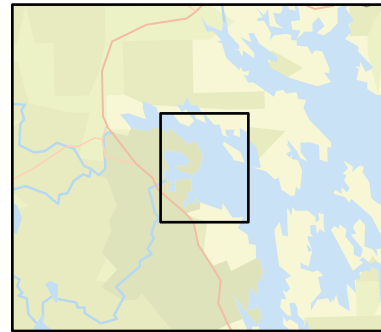
D-17-1

Dennys Bay

Edmunds Township, ME



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D-17-1 Dennys Bay

Town Edmunds Twp

Port Region Downeast

Latitude 44° 53.707' N **Longitude** 67° 10.109' W

NOAA Chart # 13394_1

Approx. Tidal Range (feet) 12

ESI Map # 5A, 4B

Max Current (knots) **Flood** **Ebb**

EVI Map # 94

Source **DeLorme Map # (2019)** 27 A1, A2

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

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

Environmental Concerns Federally endangered Atlantic Salmon may be present April - November. Strategy protects areas of Moosehorn National Wildlife Refuge. Extensive mudflats, marshes, shorebird areas, eelgrass, shellfish beds, elver runs and other diadromous fish. Contact Andrew Major at US Fish & Wildlife Service (603) 227-6413 and Moosehorn National Wildlife Refuge: (207) 454-7161.

Archaeological Conflicts Utilize boulder or tree anchors for two center boom spreads at connections with Hurley Point. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To exclude / divert oil from Bellier Cove and other areas of Moosehorn NWR.

Staging Areas Cobscook Bay boat ramp, Cobscook Bay State Park. May be able to pull boom from private property at point of land as shown near Mt. Dorcas at intersection of Belyea Rd. and Black Duck Rd. in Edmunds Twp. Scout area first.

Site Access Same as staging area

Nearest Boat Ramp Cobscook Bay boat ramp, Cobscook Bay State Park, South Edmunds Road, Edmunds Twp.

Collection Points May be able to collect from private property at point of land as shown near Mr. Dorcas at intersection of Belyea Rd. and Black Duck Road in Edmunds Twp.

Special Instructions CAUTION: Cobscook Bay has strong currents and confused seas. Many rocky areas that may not be accurately charted. Local knowledge is strongly advised.

Work Assignment See special instructions. Primary strategy is to deploy ten 500 foot sections across entrance to Moosehorn NWR as shown. If resources do not allow this, place two 400 foot sections across entrance to Bellier Cove at high water. Deploy three 500 foot sections across the entrance to Dennys River

Recommended Equipment / Resources

Length of Boom (feet) 900 - 5900

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
6 - 24 anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
6 - shoreside connections
1 - vacuum truck or skimmer and storage
2 - 4 workboats with minimum 90 hp
2 - 4 boat operators
6 - 10 laborers

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

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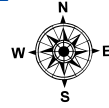
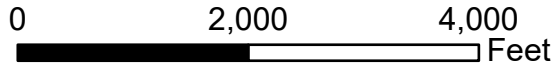
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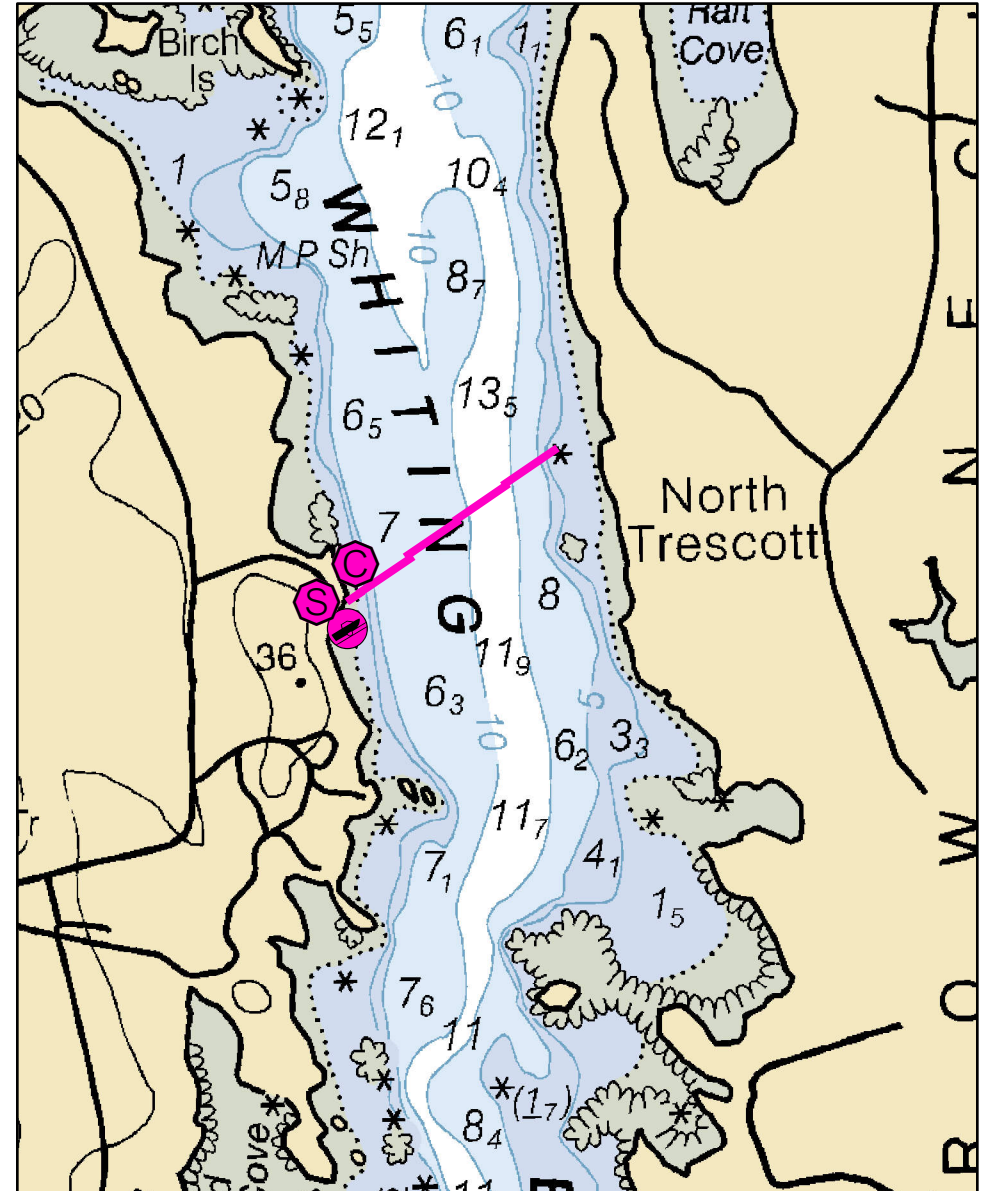
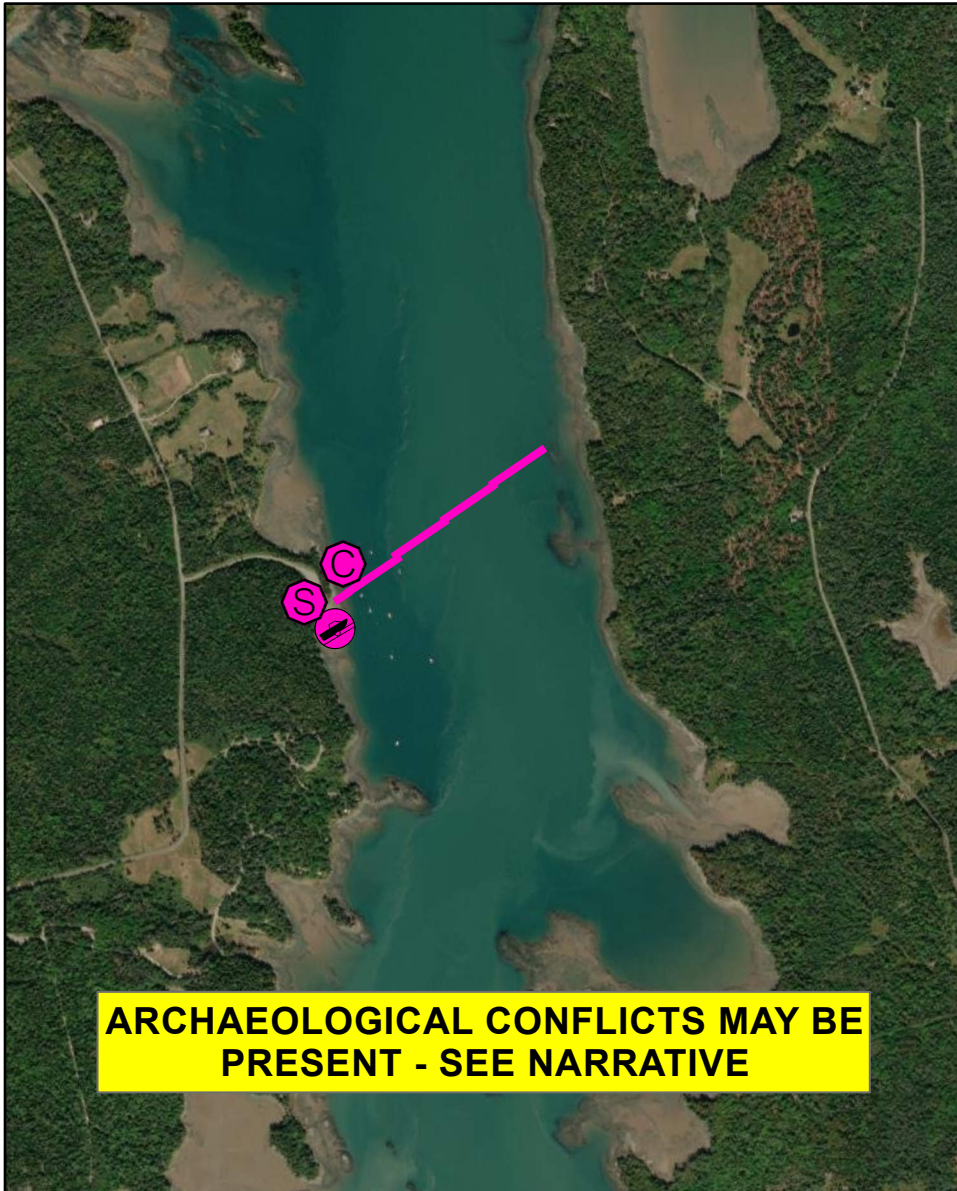
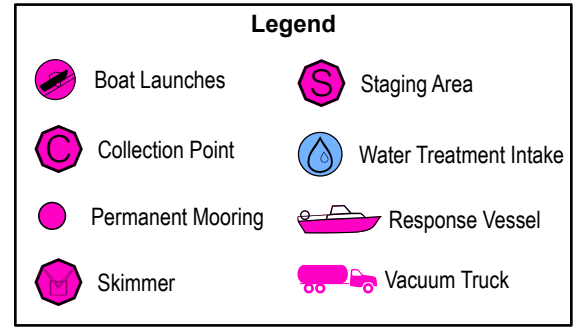
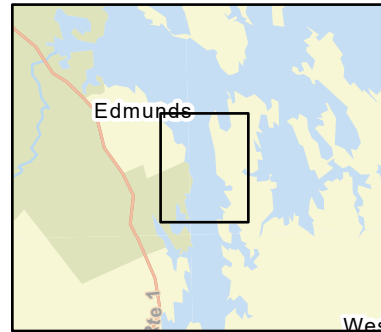
D-18-1

Whiting Bay

Edmunds Township / Trescott Township, ME



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D-18-1 Whiting Bay

Town Edmunds Twp / Trescott Twp

Latitude 44° 50.808' N **Longitude** 67° 8.652' W

Approx. Tidal Range (feet) 18

Max Current (knots) **Flood** **Ebb**

Source estimated

Port Region Downeast

NOAA Chart # 13394_1

ESI Map # 4B, 5A

EVI Map # 95, 94

DeLorme Map # (2019) 27 A2

Resources At Risk

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

ESI Secondary Shoreline Type

Environmental Concerns Eagle nests, shellfish, seal haul outs, eelgrass, shorebird and marine worm habitat in Whiting Bay

Archaeological Conflicts Maintain activities on developed portions of boat ramp as much as possible. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from upper Whiting Bay

Staging Areas Cobscook Bay boat ramp, Cobscook Bay State Park

Site Access Cobscook Bay boat ramp, Cobscook Bay State Park

Nearest Boat Ramp Cobscook Bay boat ramp, Cobscook Bay State Park

Collection Points Cobscook Bay boat ramp, Cobscook Bay State Park

Special Instructions

Work Assignment Deploy five 500 foot sections and one 100 foot section of boom across Whiting Bay from Cobscook Bay boat ramp

Recommended Equipment / Resources

Length of Boom (feet) 4000 **Type of Boom** Harbor

Recommended Equipment (Minimum)
10 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
2 - shoreside connections
1 - vacuum truck or skimmer and storage
2 - workboats with minimum 90 hp
2 - boat operators
4 - 6 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: 5/4/2019

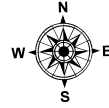
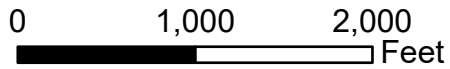
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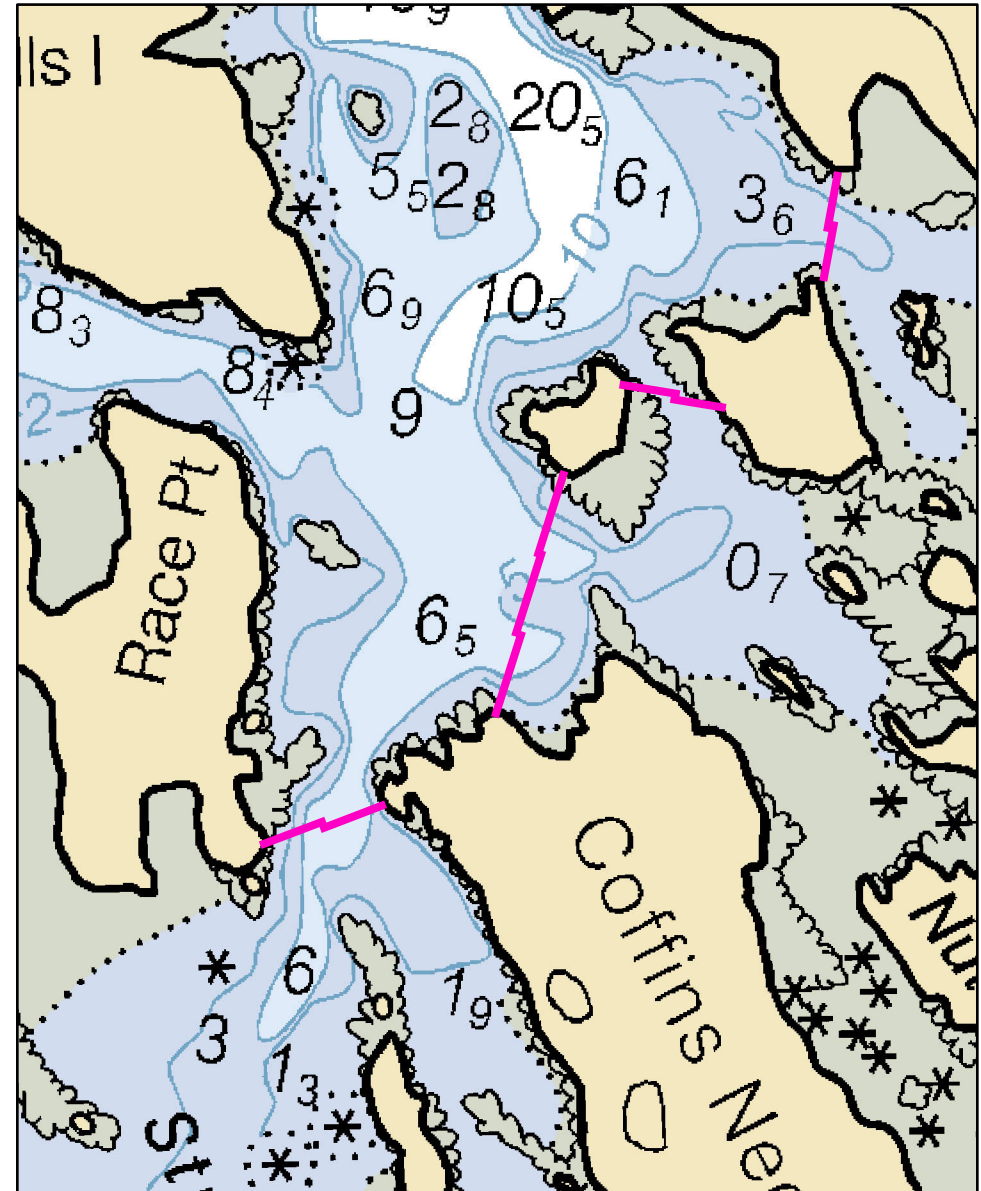
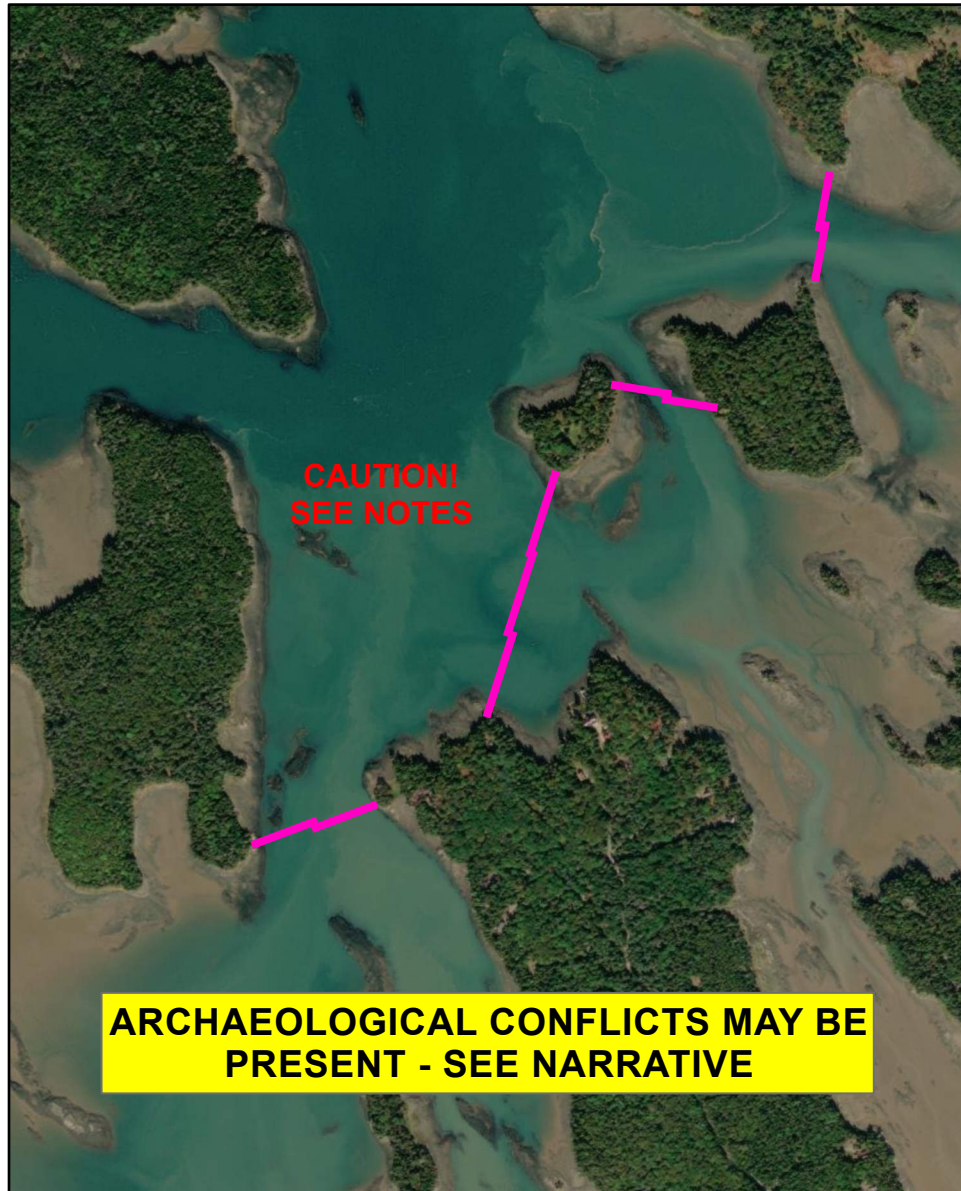
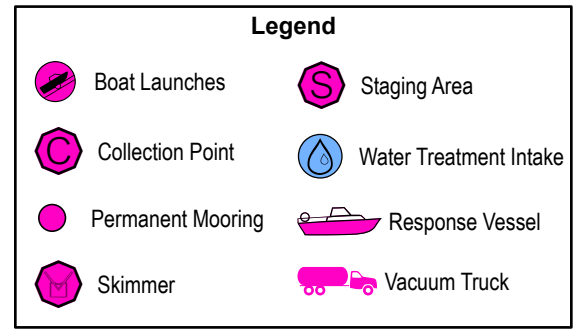
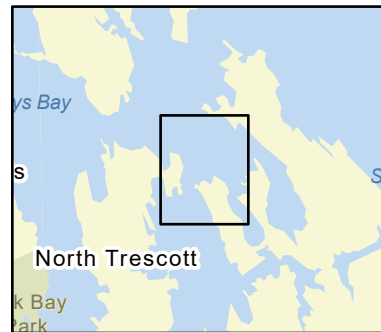
D-19-1

Straight Bay & Nutter Cove

Edmunds Township / Lubec, ME



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D-19-1 Straight Bay & Nutter Cove

Town Edmunds Twp / Lubec

Port Region Downeast

Latitude 44° 52.654' **Longitude** 67° 6.456'

NOAA Chart # 13394_1

Approx. Tidal Range (feet) 19

ESI Map # 4B

Max Current (knots) **Flood** **Ebb**

EVI Map # 95

Source **DeLorme Map # (2019)** 27 2A

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

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

Environmental Concerns Mudflats, eelgrass beds, shellfish beds, shorebird areas and seal haul outs

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

Strategy Information

Strategy Purpose Exclude oil from Straight Bay, Nutter Cove and Morrison Cove.

Staging Areas Cobscook Bay boat ramp at Cobscook Bay State Park, South Edmunds Road, Edmunds Twp

Site Access Access by water only

Nearest Boat Ramp Cobscook Bay boat ramp at Cobscook Bay State Park, Edmunds

Collection Points Exclusion only

Special Instructions CAUTION: Confused seas and strong currents in this area. Site is very difficult to access, very limited roads and very rough terrain. Many rocky areas that may not be accurately charted. Strategy has not been tested. Local knowledge is strongly advised.

Work Assignment Use extreme caution deploying this strategy. See special instructions. Deploy two 350 foot sections of harbor boom from Race Point to west side of Coffin Neck; deploy three 500 foot sections of harbor boom from east side of Coffin Neck to west side of Huckins Island; deploy two 300 foot sections of harbor boom and one 250 foot section of boom from east side of Huckins Island to small adjacent point on Denbow Neck.

Recommended Equipment / Resources

Length of Boom (feet) 3050

Type of Boom 12" to 18" containment

Recommended Equipment (Minimum)
18 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
2 - 3 workboats with minimum 90 hp
2 - 3 boat operators
4 - 6 laborers

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

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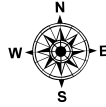
Last Field Visit

Last Field Test:

D-20-1

South Bay & Federal Harbor Lubec, ME

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Feet

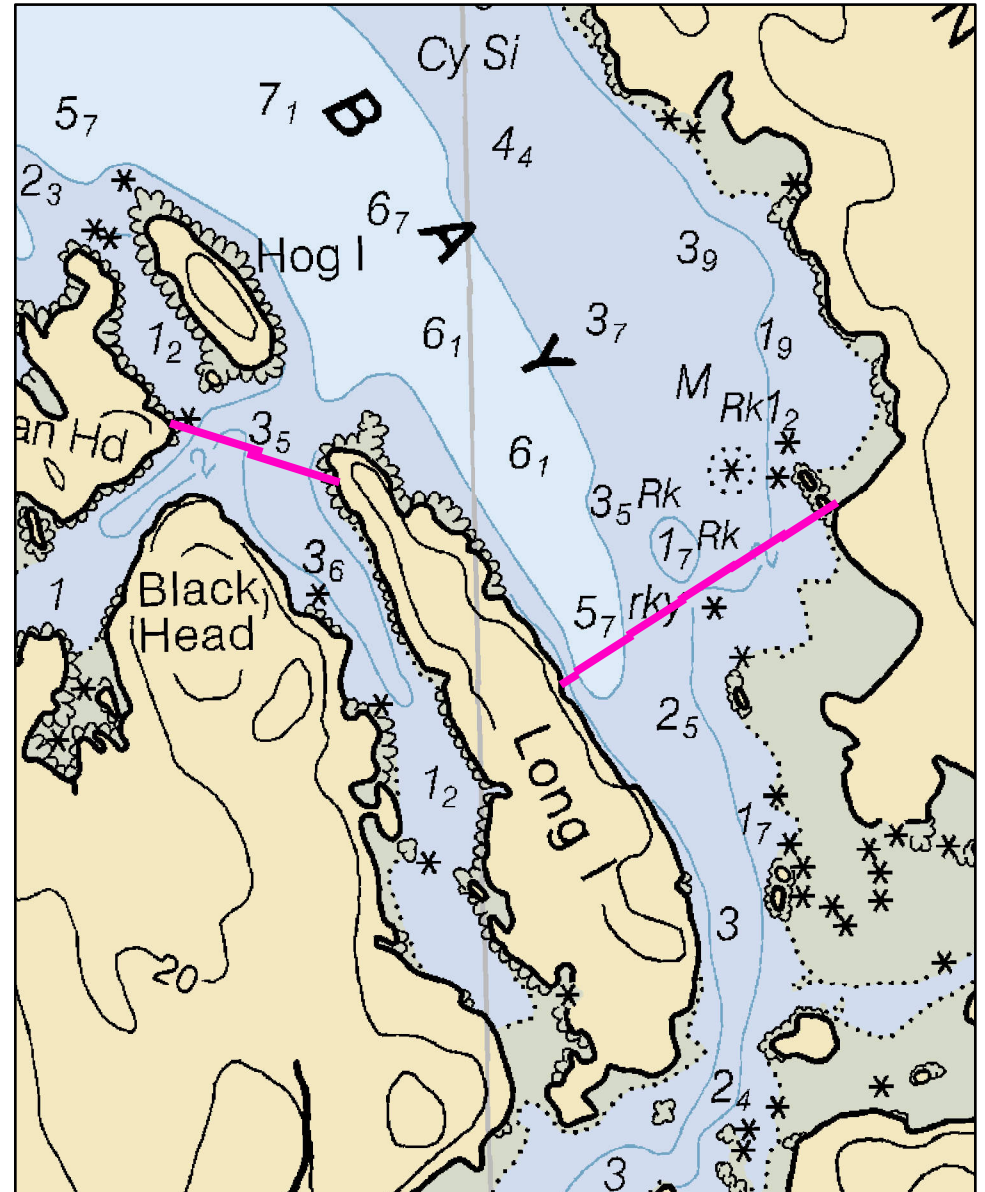
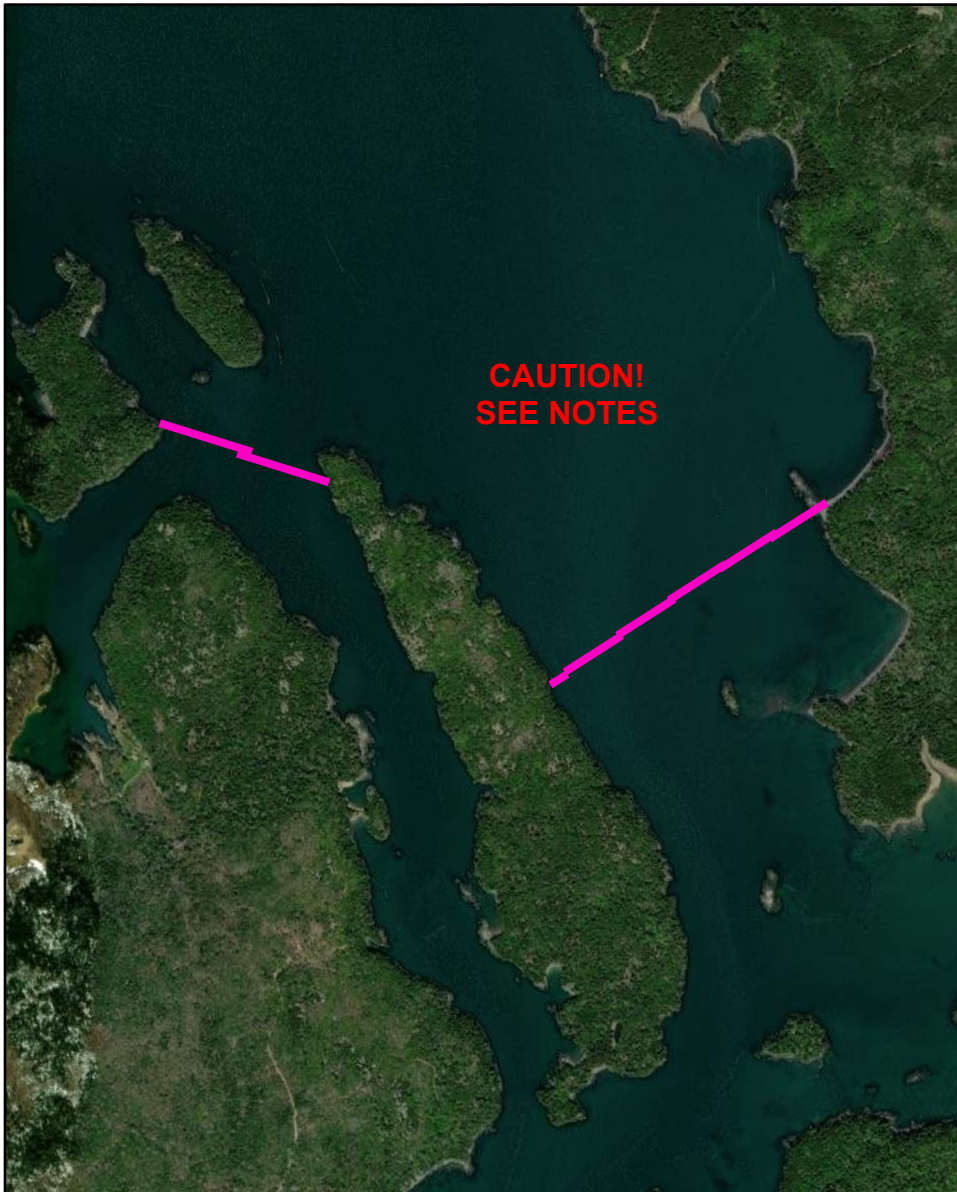


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Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



D-20-1 South Bay & Federal Harbor

Town Lubec

Latitude 44° 51.828' N Longitude 67° 2.742' W

Approx. Tidal Range (feet) 19

Max Current (knots) Flood Ebb

Source

Port Region Downeast

NOAA Chart # 13394_1

ESI Map # 4B, 4A

EVI Map # 95

DeLorme Map # (2019) 27 A3

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)

ESI Secondary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

Environmental Concerns Eelgrass, shellfish beds, diadromous fish and shorebirds in both Federal Bay and South Harbor. Seal haul outs at both outer and inner South Bay. Mudflats and marshes. Bald eagle nesting sites on Horan Head and Long Island.

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose Exclude oil from Federal Harbor, Case Cove and Canal Cove

Staging Areas Johnson Bay boat launch, North Water Street, downtown Lubec or Pembroke town boat launch, Boat Landing Road, Pembroke

Site Access Only access is by water from staging areas above

Nearest Boat Ramp Johnson Bay boat launch, North Water Street, downtown Lubec or Pembroke town boat launch, Boat Landing Road, Pembroke

Collection Points Exclusion

Special Instructions CAUTION: This strategy is untested. Cobscook Bay has strong currents and confused seas. Many rocky areas that may not be accurately charted. Local knowledge is strongly advised.

Work Assignment Use extreme caution deploying this strategy. See special instructions. Deploy two 700 foot lengths of boom between Horan Head and Long Island. Deploy five 500 foot lengths and one 100 foot length of boom across South Bay between Long Island and Seaward Neck

Recommended Equipment / Resources

Length of Boom (feet) 4000 Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum) 12 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
4 - shoreside connections
2 - 4 workboats with minimum 90 hp
2 - 4 boat operators
4 - 8 laborers

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

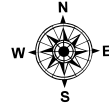
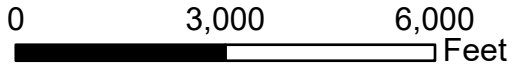
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Last Field Visit 6/14/2007

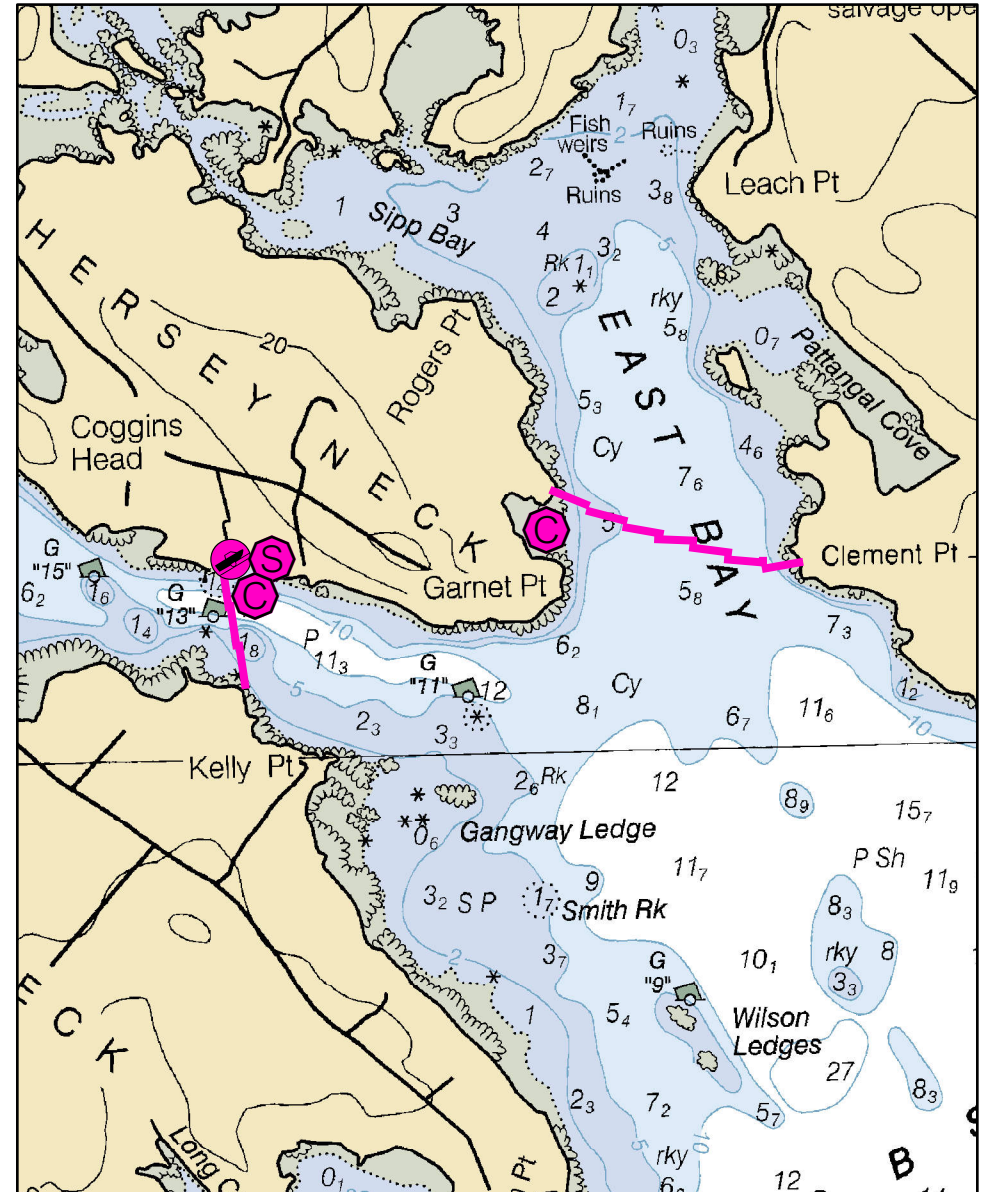
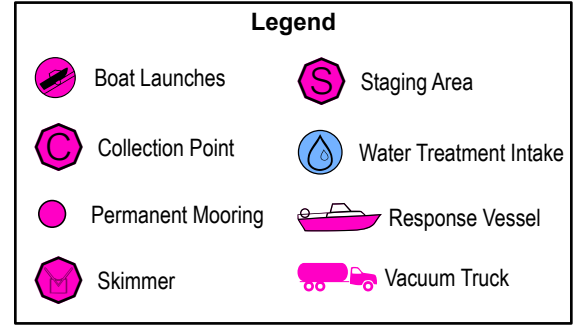
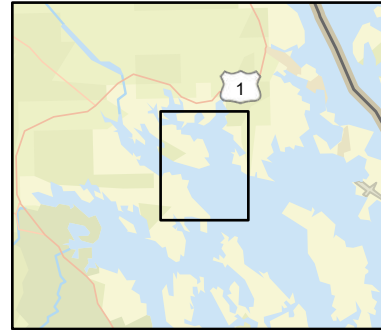
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D-21-1

Pennamaquan River / Sipp Bay Pembroke / Perry, ME



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D-21-1 Pennamaquan River/Sipps Bay

Town Pembroke / Perry

Port Region Downeast

Latitude 44° 55.188' N **Longitude** 67° 6.618' W

NOAA Chart # 13394_1

Approx. Tidal Range (feet) 19

ESI Map # 3C, 4B

Max Current (knots) **Flood** **Ebb**

EVI Map # 95

Source Estimated

DeLorme Map # (2019) 37 E2

Resources At Risk

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

ESI Secondary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

Environmental Concerns Elver runs, shellfish, shorebirds, eelgrass and bald eagle nesting sites in both upper East Bay and Pennamaquan River. Extensive mudflats.

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

Strategy Information

Strategy Purpose Divert oil from Pennamaquan River and Sipp Bay

Staging Areas Pembroke town boat launch, Boat Landing Road, Pembroke

Site Access Pembroke town boat launch, Boat Landing Road, Pembroke

Nearest Boat Ramp Pembroke town boat launch, Boat Landing Road, Pembroke

Collection Points Red Cove, Pembroke boat launch

Special Instructions Current very strong in this area may be difficult for strategy to be effective.

Work Assignment Deploy three 500 foot sections of boom from boat launch on Hersey Neck to Kelly Pt. Deploy seven 500' sections of boom from Clement Point to Hersey Neck. Direct oil into Red Cove for possible recovery.

Recommended Equipment / Resources

Length of Boom (feet) 5000

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
16 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
4 - shoreside connections
1 - vacuum truck
1 - skimmer and storage
2 - 4 workboats with minimum 90 hp
2 - 4 boat operators
4 - 8 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: 5/4/2019

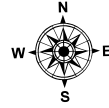
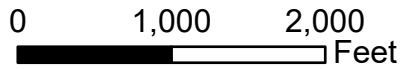
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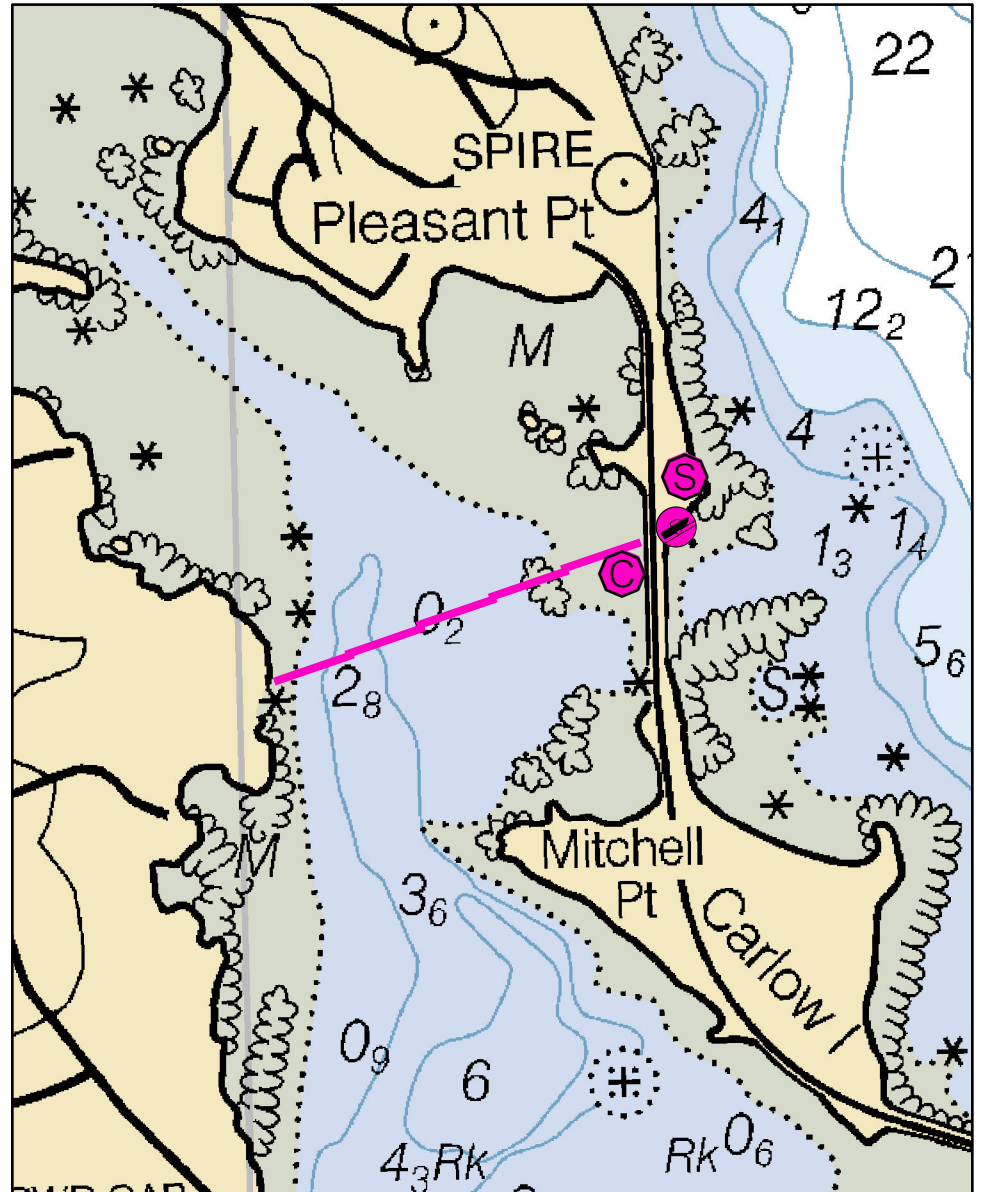
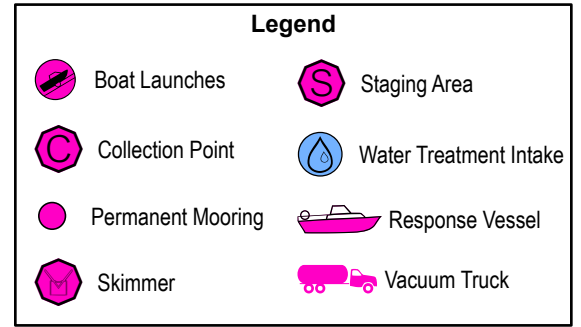
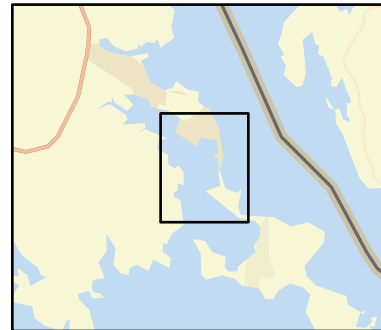
D-22-1

Pleasant Point

Perry / Pleasant Point, ME



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D-22-1 Pleasant Point

Town Perry / Pleasant Point

Port Region Downeast

Latitude 44° 56.92' N **Longitude** 67° 2.651' W

NOAA Chart # 13394_1

Approx. Tidal Range (feet) 19

ESI Map # 3B

Max Current (knots) Flood Ebb

EVI Map # 95

Source **DeLorme Map # (2019)** 37 E3

Resources At Risk

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

ESI Secondary Shoreline Type Riprap (6B)

Environmental Concerns Mudflats, elver runs, shellfish beds, eelgrass, eagle nest

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

Strategy Information

Strategy Purpose Divert oil from intertidal area and Pleasant Point Reservation area

Staging Areas Passamaquoddy Bay boat ramp owned by Passamaquoddy Tribe

Site Access By water from launch around Eastport or from Johnson Bay boat launch, Lubec

Nearest Boat Ramp Passamaquoddy Bay boat ramp or Johnson Bay boat ramp, Lubec

Collection Points From Route 1 causeway. Will need police assistance for road.

Special Instructions Contact Passamaquoddy Tribe at Pleasant Point: 207-853-2600 or police non-emergency line: 207-853-6100

Work Assignment Deploy five 500 foot sections of boom from causeway across channel

Recommended Equipment / Resources

Length of Boom (feet) 2500

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
8 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
2 - shoreside connections
1 - vacuum truck or skimmer and storage
2 - 3 workboats with minimum 90 hp
2 - 3 boat operators
4 - 6 laborers

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

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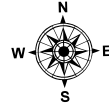
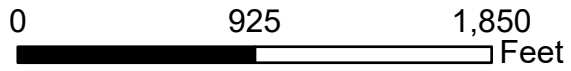
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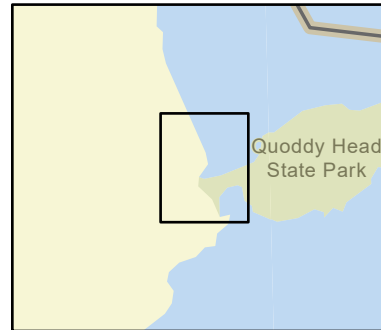
D-23-1

Lubec Flats

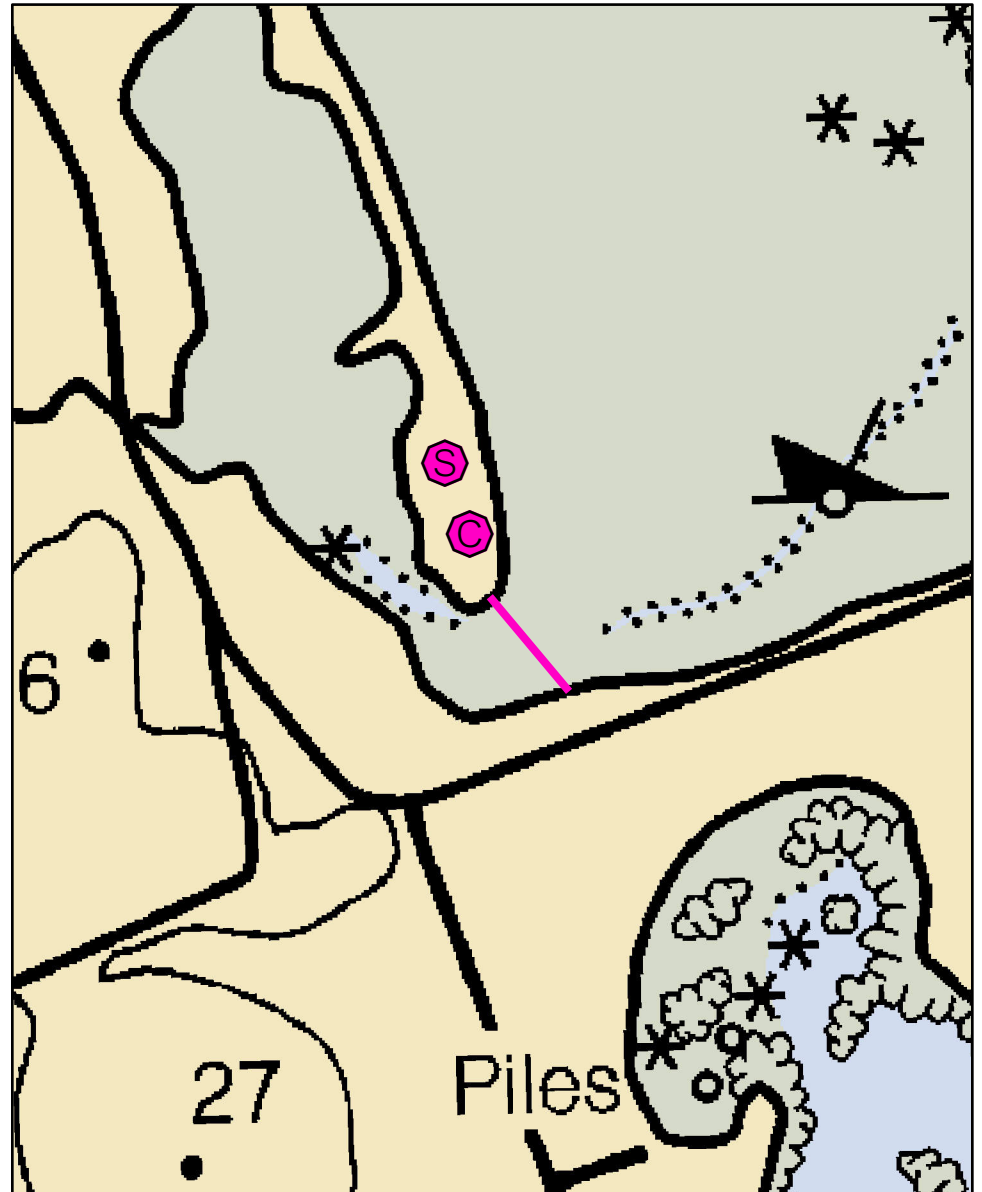
Lubec, ME



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Legend	
	Boat Launches
	Staging Area
	Collection Point
	Water Treatment Intake
	Permanent Mooring
	Response Vessel
	Skimmer
	Vacuum Truck



D-23-1 Lubec Flats

Town Lubec

Latitude 44° 48.876' N **Longitude** 66° 58.962' W

Approx. Tidal Range (feet) 19

Max Current (knots) **Flood** Minimal **Ebb**

Source

Port Region Downeast

NOAA Chart # 13394_1

ESI Map # 4A, 4C

EVI Map # 93

DeLorme Map # (2019) 27 B4

Resources At Risk

ESI Primary Shoreline Type Coarse-grained sand beaches (4)

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

Environmental Concerns Highly vulnerable shorebird area. Coastal barrier resource area. Eelgrass, shellfish, marine worms

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose Divert oil from marsh behind bar

Staging Areas Lubec boat ramp at end of North Water Street, downtown Lubec, or Bar Road on spit at site

Site Access Bar Road at site

Nearest Boat Ramp Lubec boat ramp, North Water Street, downtown Lubec

Collection Points Possibly from Bar Road on site

Special Instructions

Work Assignment Deploy 500 feet of boom across salt marsh entrance in South Lubec.

Recommended Equipment / Resources

Length of Boom (feet) 500

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - anchor systems (shoreside)
1 - vacuum truck or skimmer and storage
1 - workboat and/ or
2 - laborers and truck

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

Last Desktop Validation: 5/4/2019

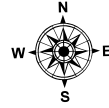
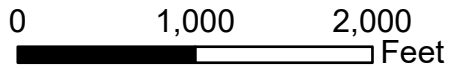
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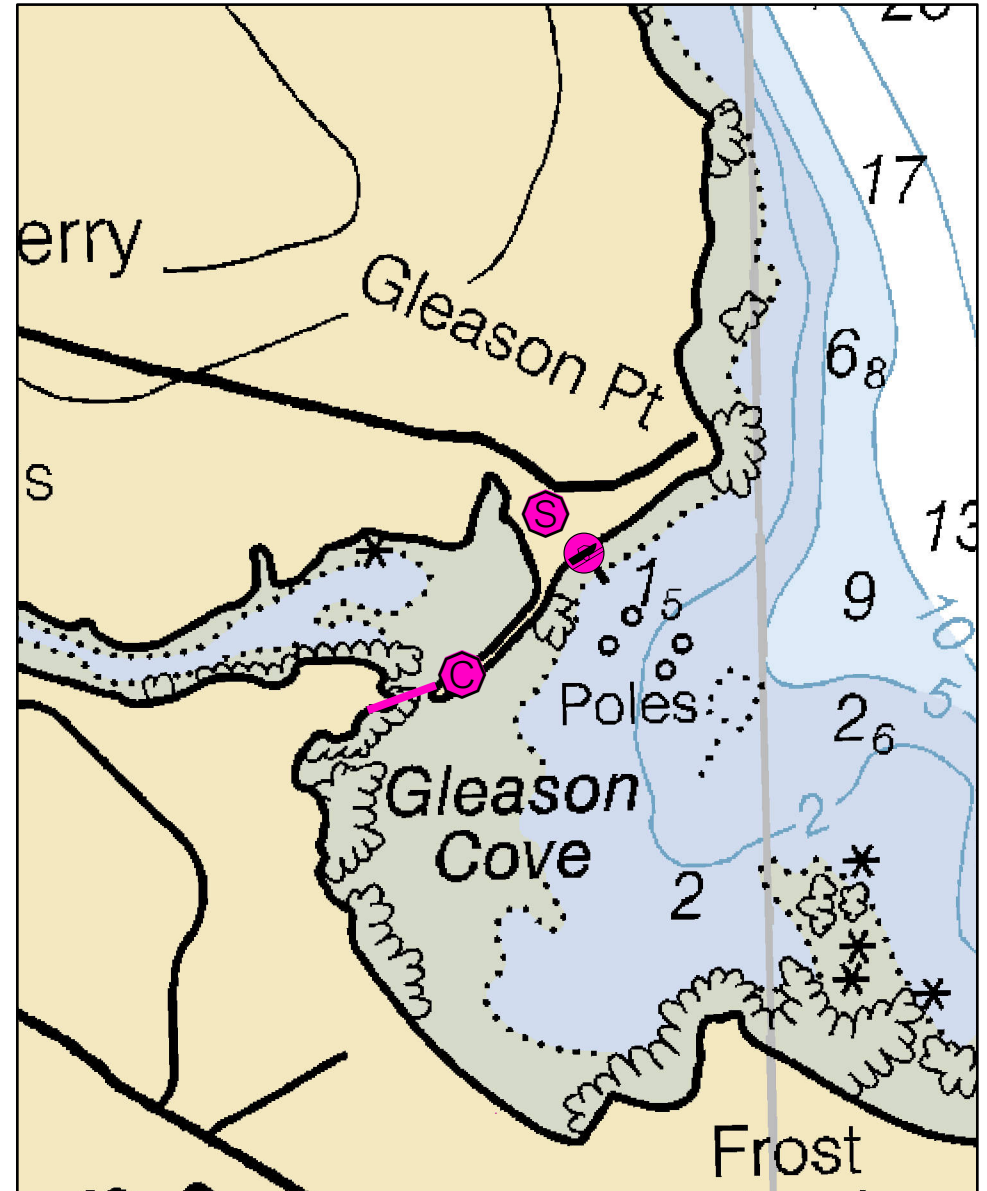
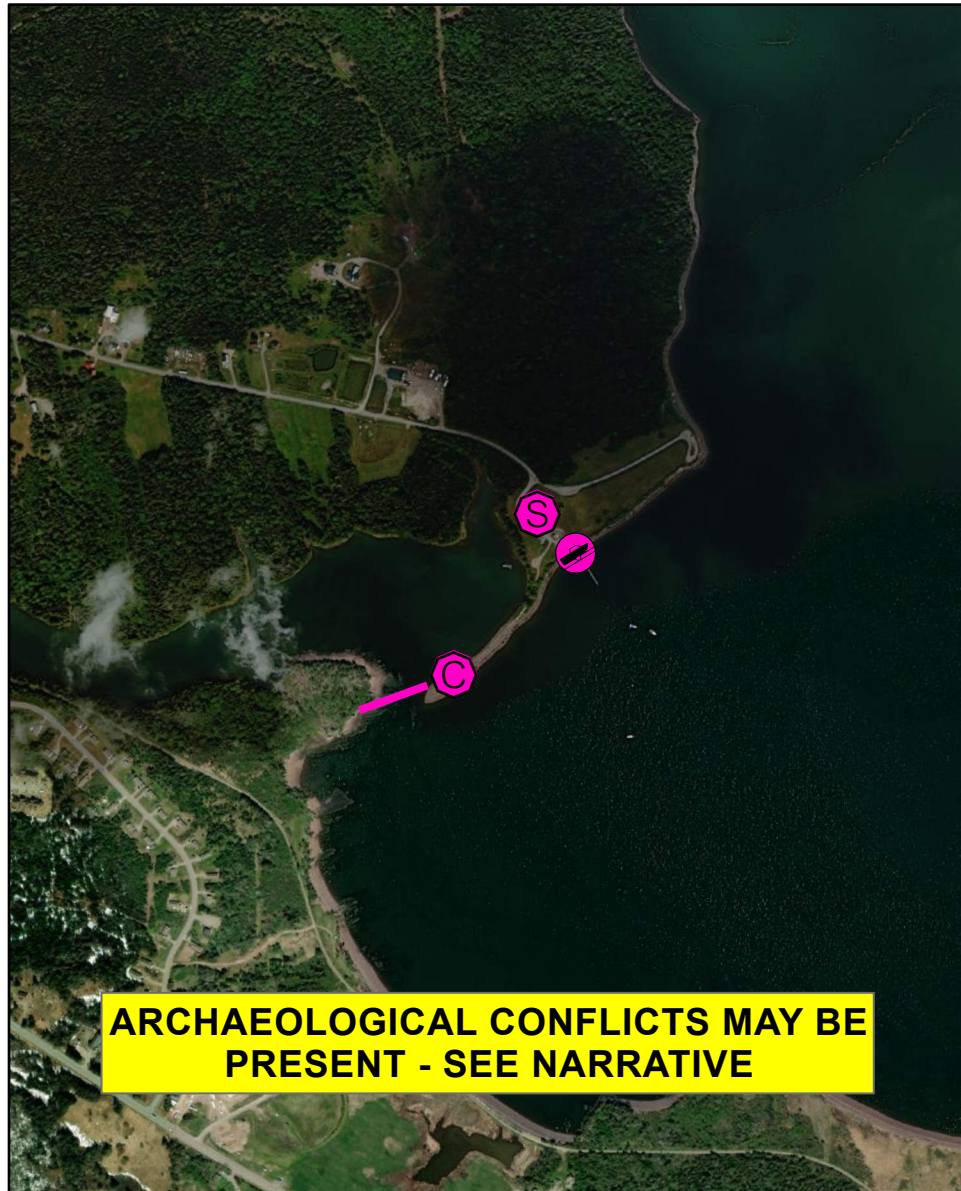
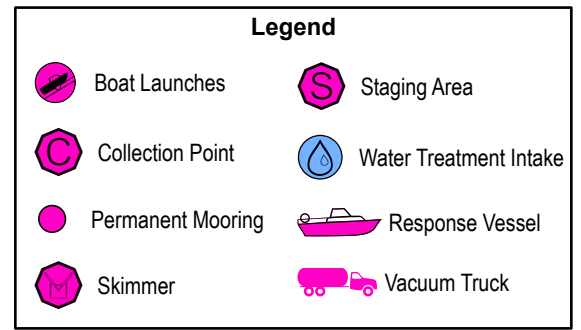
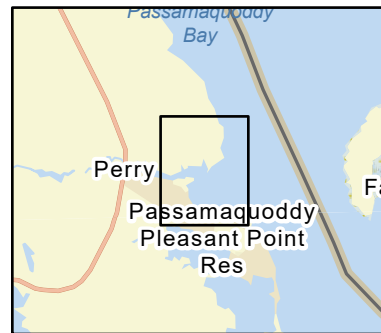
D-24-1

Gleason Cove

Perry, ME



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D-24-1 Gleason Cove

Town	Perry	Port Region	Downeast
Latitude	44° 58.290' N	Longitude	67° 3.024' W
Approx. Tidal Range (feet)	19	NOAA Chart #	13398_1
Max Current (knots)	Flood < 1 knot	ESI Map #	3B
Source	Observed	EVI Map #	95
		DeLorme Map # (2019)	37 E3

Resources At Risk

ESI Primary Shoreline Type	Coarse-grained sand beaches (4)
ESI Secondary Shoreline Type	Mixed sand and gravel beaches (5)

Environmental Concerns Shorebirds, bald eagle nesting site, diadromous fish and elver runs in Little River. Active herring weirs, shellfish and eelgrass in cove.

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

Strategy Information

Strategy Purpose Divert oil from inner Gleason Cove / Little River

Staging Areas Gleason Point

Site Access Gleason Point

Nearest Boat Ramp Gleason Point (concrete)

Collection Points

Special Instructions Contact Passamaquoddy tribe at Pleasant Point: 207-853-2600. After hours: 207-853-6100

Work Assignment Deploy 350 feet of boom from end of sand spit at Gleason Point across Little River

Recommended Equipment / Resources

Length of Boom (feet) 350 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - anchor systems (shoreside)
1 - vacuum truck or skimmer and storage
1 - workboat and/ or
2 - laborers and truck

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

Last Desktop Validation: 5/4/2019

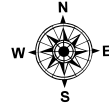
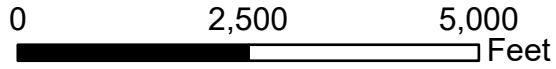
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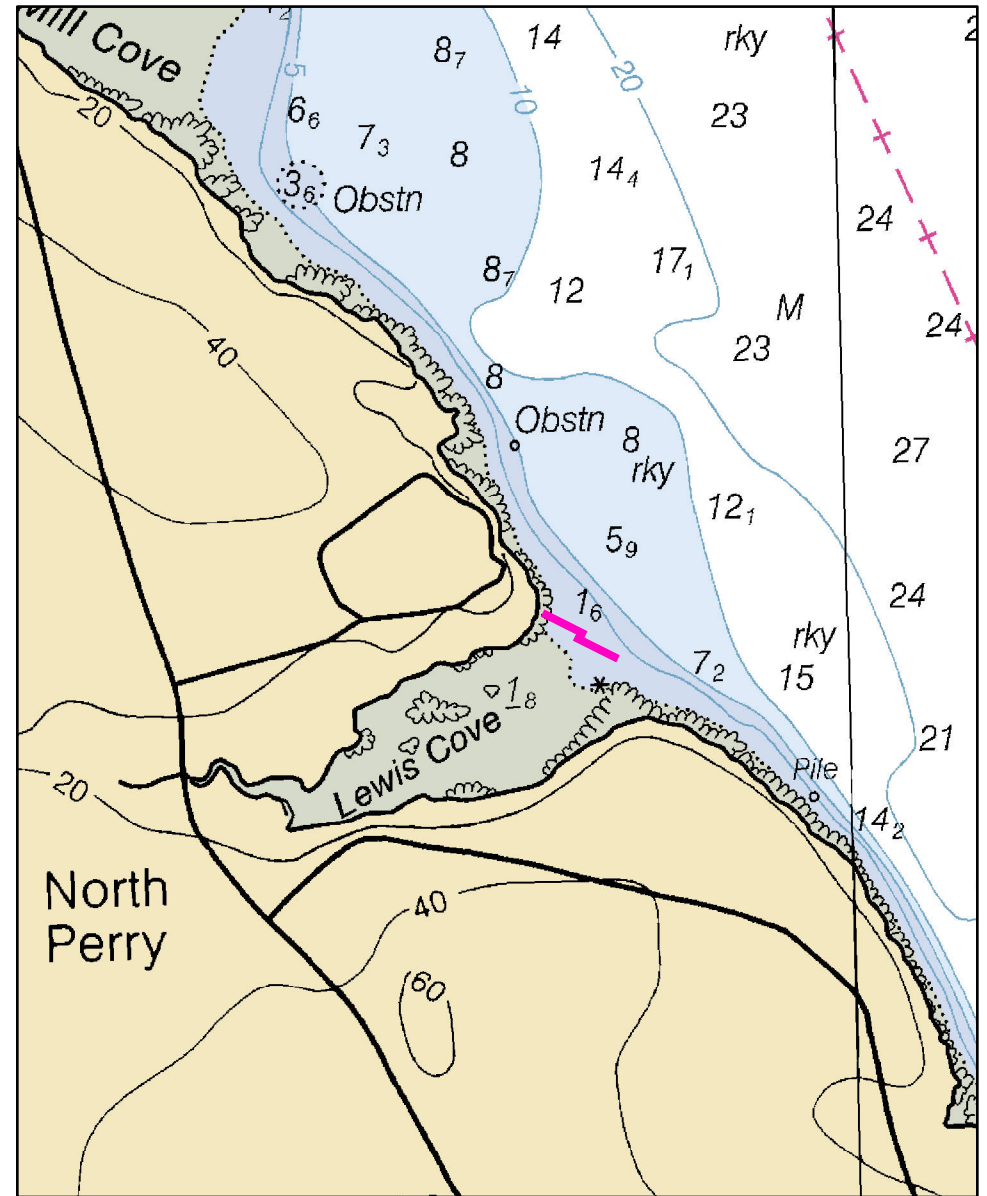
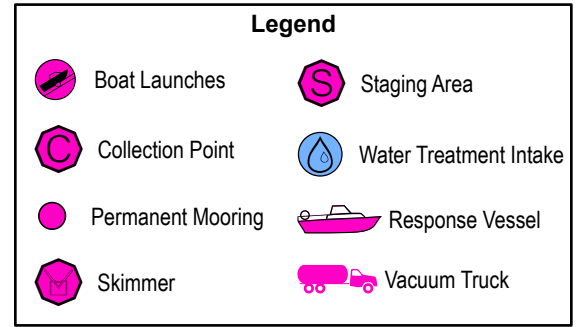
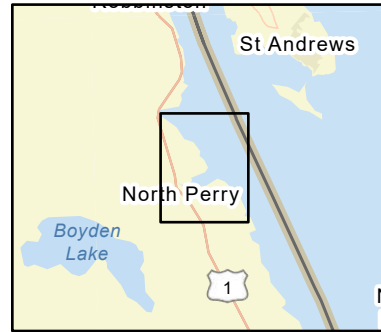
D-25-1

Lewis Cove

Perry, ME



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D-25-1 Lewis Cove

Town	Perry	Port Region	Downeast
Latitude	45° 2.267' N	Longitude	67° 5.582' W
Approx. Tidal Range (feet)	19	NOAA Chart #	13398_1
Max Current (knots)	Flood	ESI Map #	3A
Source	Ebb	EVI Map #	97
		DeLorme Map # (2019)	37 D2

Resources At Risk

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

ESI Secondary Shoreline Type

Environmental Concerns Shorebirds, shellfish and herring weirs in area

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To deflect oil from Lewis Cove

Staging Areas St. Croix River boat launch, Route 1 in Robbinston

Site Access St. Croix River boat launch, Route 1 in Robbinston

Nearest Boat Ramp St. Croix River boat launch, Route 1 in Robbinston (2.5 miles north)

Collection Points N/A. Deflection strategy

Special Instructions

Work Assignment Deploy two 500 foot sections of boom as shown to deflect oil on an incoming tide. Reverse for oil originating downriver.

Recommended Equipment / Resources

Length of Boom (feet) 1000 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)

- 4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines and buoys.
- 1 - shoreside connection or additional anchor
- 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: 5/4/2019

Last Field Visit: 6/13/2007

Last Field Test: