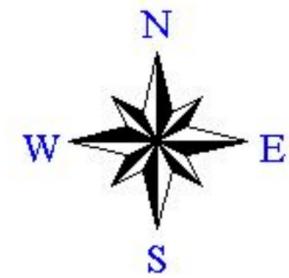
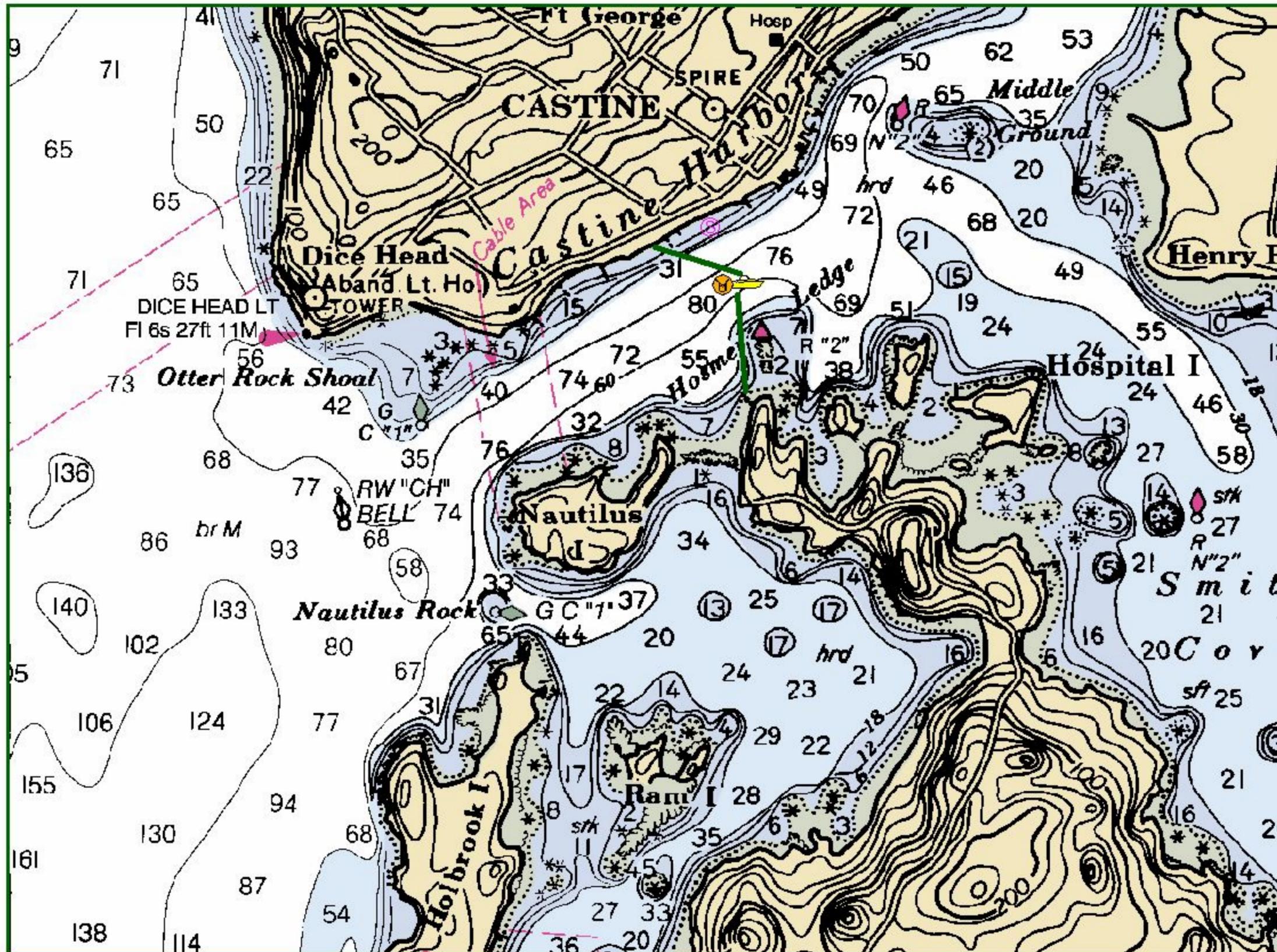


C-21-1 Outer Castine Harbor



LEGEND

- Harbor Boom
- Intertidal Boom
- Ocean Boom
- Permanent Moorings
- Staging Area
- Command Post
- Collection Recovery Point
- Skimmer
- Response Vessel
- Vacuum Truck



Note: Not to be used for navigational purposes



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Outer Castine Harbor

Site, Strategy & Chart #	C-21	C-21-1	13309
Port Region	Penobscot Bay		
Latitude Longitude	44° 22.79' N	68° 48.76' W	
Water Depth Range	0-75	feet	
Max Current (knots)	Flood 1.9	Ebb	Source NOAA est
Nearest Boat Ramp	Maine Maritime Academy		
Response Strategy Type	Exclusion		
Type of Boom	Harbor Boom		
Total Length of Boom	2200	feet	
Strategy Implementation	Unless otherwise indicated, the boom length given is straight line distance as measured on the map. Actual length required will vary with conditions, and increase with current.		

This strategy utilizes the DEP barge and skimming system. Deploy 1,000 feet of harbor boom from Castine mainland to barge deployed in channel. Deploy 1,200' of harbor boom from barge to Cape Rosier. Recover oil with skimmer. With maximum flood current, angle of boom to current must be less than 22°.

Site Access	Maine Maritime Academy		
Staging Areas	Maine Maritime Academy		
Collection Points	N/A		
Environmental Concerns	Castine Harbor & islands have bald eagle nesting areas, seal haul-outs, shellfish beds and marine worm habitat. Inner Castine harbor and Bagaduce River have mudflats, eelgrass and shellfish beds, vulnerable shorebird habitat, bald eagle nesting sites and marine worm habitat.		
EVI Map #	58		
Shoreline Types	Rocky Shores	Coarse Beaches & Riprap	
Other Comments	Note cable area! Hatch Cove, Bagaduce River and Northern Bay are all contingent on successful booming strategy at Outer Castine Harbor. Current in Bagaduce River precludes booming in the river.		