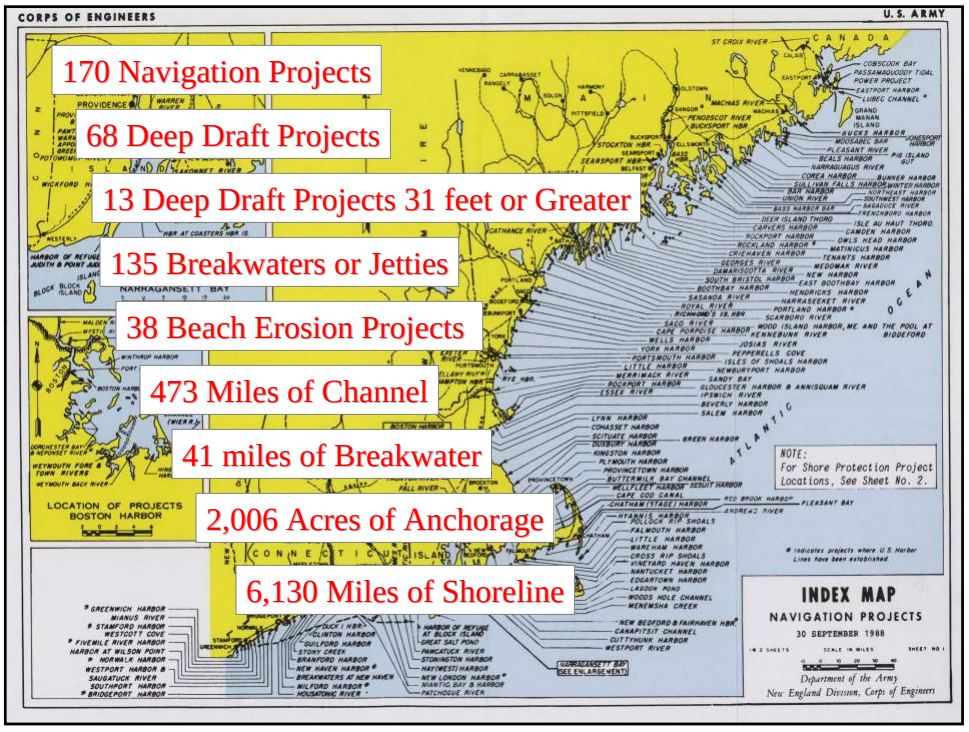
New England District
FY 2009 - 2013
Dredging Program

US Army Corps of Engineers
New England District

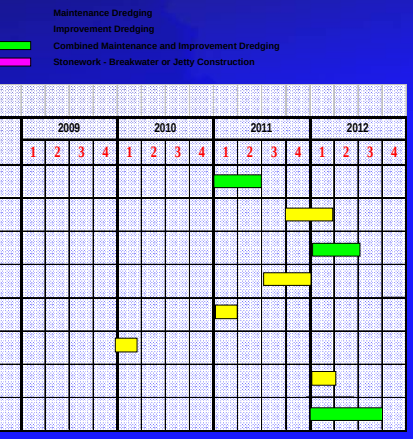


New England District

Maintenance Dredging
Improvement Dredging
Combined Maintenance and Improvement Dredging
Stonework - Breakwater or Jetty Construction

Northern Maine

Project	Dredge	Quantity	Disposal
Bass Harbor, ME	Bucket	60000	Ocean
Beals Harbor, ME	Bucket	100000	Ocean
Bucks Harbor, ME	Bucket	70000	Ocean
Carvers Harbor, ME	Bucket	50000	Ocean
Kennebec River, ME	Hopper	25000	In River
Narraguagus River, ME	Bucket	60000	Ocean
Pig Island Gut, Beals, ME	Bucket	100000	Ocean
Searsport Harbor, ME	Bucket	750000	Ocean

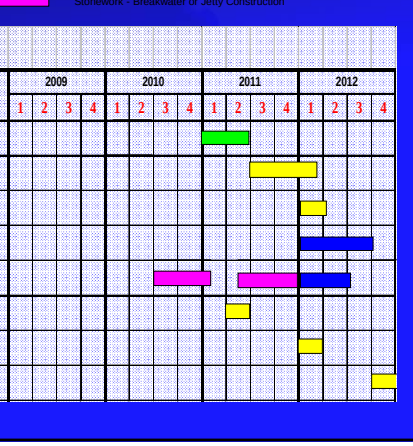


New England District

Maintenance Dredging
Improvement Dredging
Combined Maintenance and Improvement Dredging
Stonework - Breakwater or Jetty Construction

Southern Maine & NH

Project	Dredge	Quantity	Disposal
Hampton Harbor, ME	Hydraulic	82000	Beach
Portland Harbor, ME	Bucket	600000	Ocean
Portsmouth Harbor, NH	Hopper	30000	In River
Portsmouth Harbor, NH	Bucket	380000	Ocean
Saco River, ME (Section 11	Hydraulic	360000	Beach
Sagamore Creek, NH	Bucket	20000	Nearshore
Scarborough River, ME	Hydraulic	100000	Ocean
Wells Harbor, ME	Hydraulic	150000	Beach

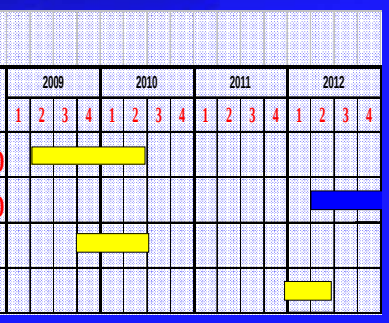


New England District

Maintenance Dredging
Improvement Dredging
Combined Maintenance and Improvement Dredging
Stonework - Breakwater or Jetty Construction

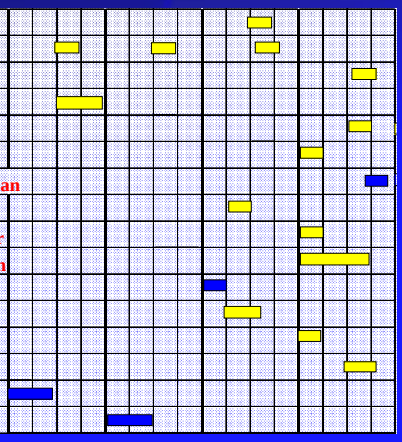
North Shore MA

Project	Dredge	Quantity	Disposal
Boston Harbor, MA	Bucket	3600000	Ocean/CAD
Boston Harbor, MA (Impro	Bucket	11100000	Ocean/CAD
Newburyport Harbor, MA	Hopper	130000	Nearshore
Newburyport Harbor, MA	Bucket	4800	Jetty



New England District

Andrews River, MA	Special Purpose	10000	Nearshore
Aunt Lydia's Cove, MA	Special Purpose	50000	Nearshore
Buttermilk Bay, MA	Bucket	20000	Ocean
Cape Cod Canal, MA	Bucket/ Hydr	150000	Ocean
Cohasset Harbor,MA	Bucket	50000	Beach
Duxbury Harbor, MA	Bucket	60000	Ocean
East Boat Basin, MA	Bucket	550000	Beach/ Ocean
Green Harbor (Inner Harb	Bucket	60000	Ocean
Hyannis Harbor, MA (Brea	Bucket	7200	Breakwater
New Bedford Harbor, MA	Bucket	1000000	CAD/Ocean
Oak Bluffs, MA	Hydraulic	6000	Beach
Plymouth Harbor, MA	Bucket	200000	Ocean
Sesuit Harbor, MA	Special Purp	20000	Nearshore
Wellfleet Harbor, MA	Bucket	100000	Ocean
Woods Hole, MA NOAA P	Bucket	40000	Ocean
Woods Hole, MA NOAA P	Bucket	35000	Ocean

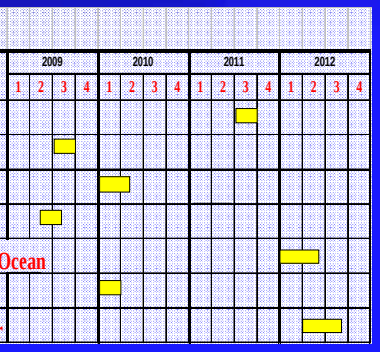


New England District

Maintenance Dredging
Improvement Dredging
Combined Maintenance and Improvement Dredging
Stonework - Breakwater or Jetty Construction

Rhode Island/Narraghansett Bay

Project	Dredge	Quantity	Disposal
BI Harbor of Refuge (Bulkl	Bucket	350	Rip Rap
BI Harbor of Refuge, RI	Special Purp	20000	Nearshore
Bullocks Cove, RI	Bucket	60000	CAD
Great Salt Pond, RI	Special Purp	30000	Nearshore
Little Narragansett Bay, RI	Bucket	85000	Nearshore/Ocean
Pt Judith HOR, RI	Bucket	30000	Nearshore
Pt Judith HOR (Breakwate	Bucket	36000	Breakwater

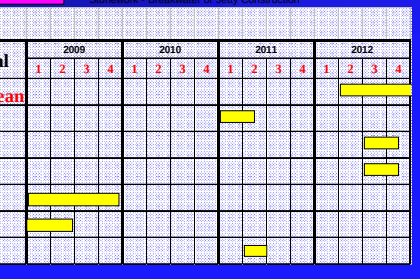


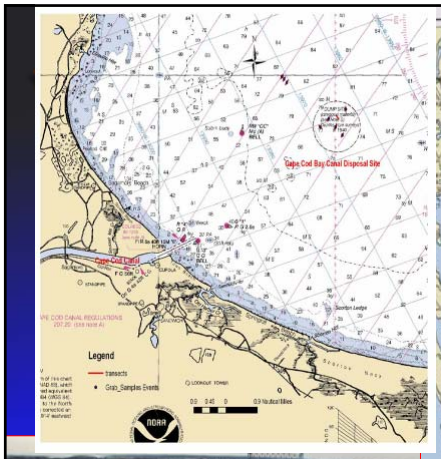
New England District

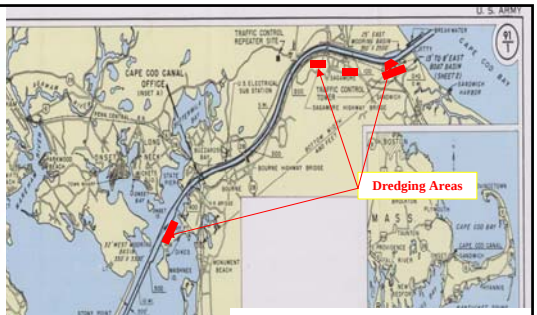
Maintenance Dredging
Improvement Dredging
Combined Maintenance and Improvement Dredging
Stonework - Breakwater or Jetty Construction

Southern New England, Long Island Sound

Project	Dredge	Quantity	Disposal
Bridgeport Harbor, CT	Bucket	3400000	CAD/Ocean
Clinton Harbor, CT	Hydraulic	40000	Beach
Housatonic River, CT	Hopper/ Buc	600000	Beach
New Haven Harbor, CT	Bucket	1000000	Ocean
North Cove, CT	Bucket	183000	Ocean
Norwalk Harbor, CT	Bucket	192000	Ocean
Patchogue River, CT	Bucket	30000	Ocean







CAPE COD CANAL

Project Depth: 32' MLLW

Last Dredged: 2002

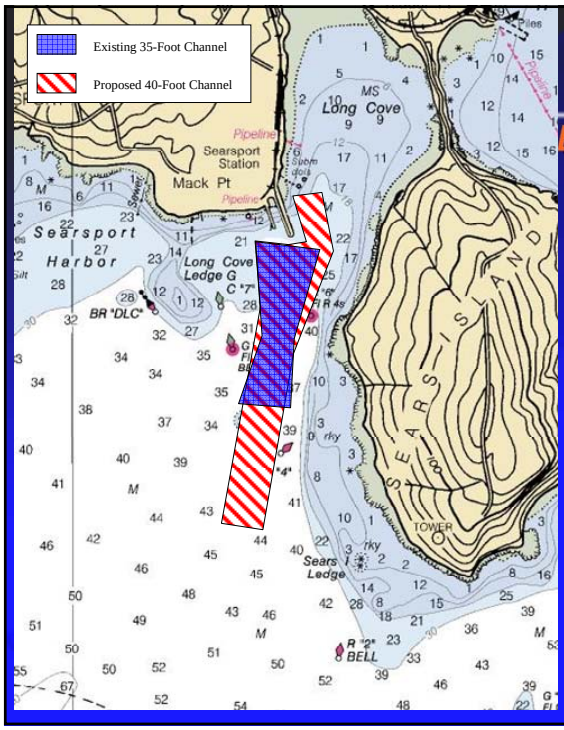
Quantity: 150,000 cy

Material Type: Sand & Gravel

Equipment Type: Hopper/Mechanical

Disposal Sites: Cape Cod Canal Disposal Site

Issues: WQC



SEARSPORT HARBOR SEARSPORT, MAINE

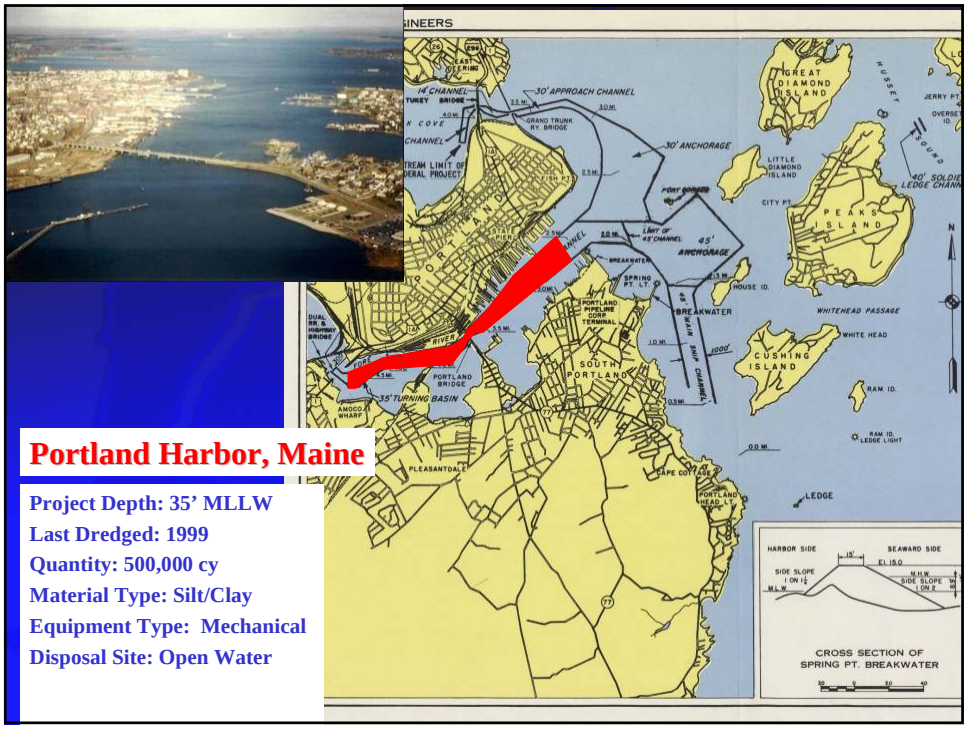
General Investigation Feasibility Study

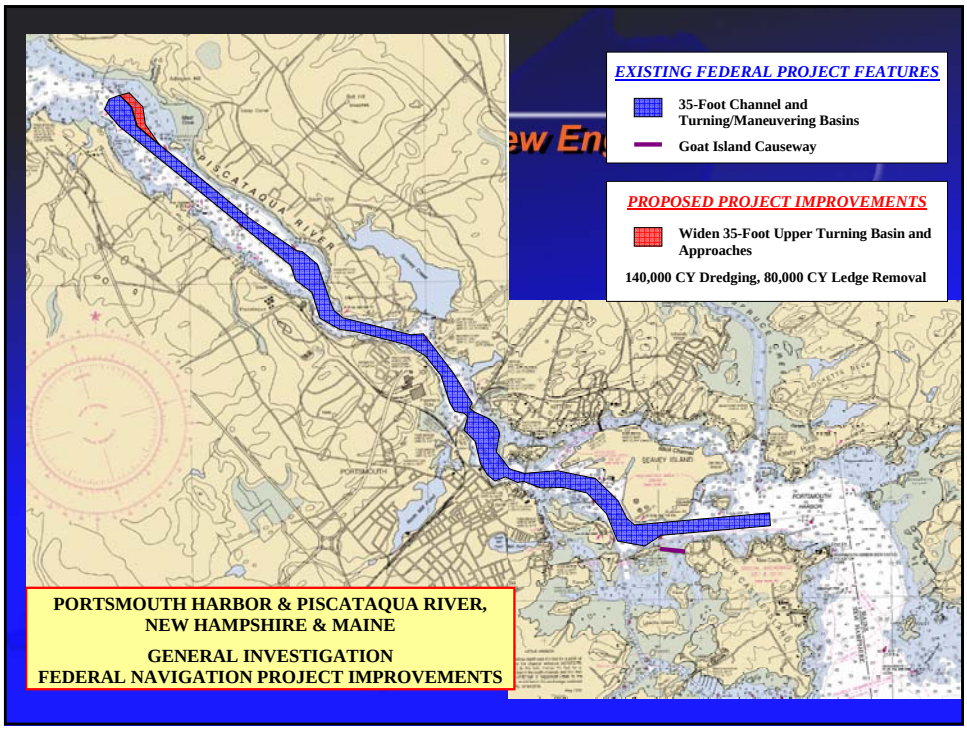
Sponsor: Maine DOT

Deepen Channel to at Least 40 Feet for Access to New State Pier

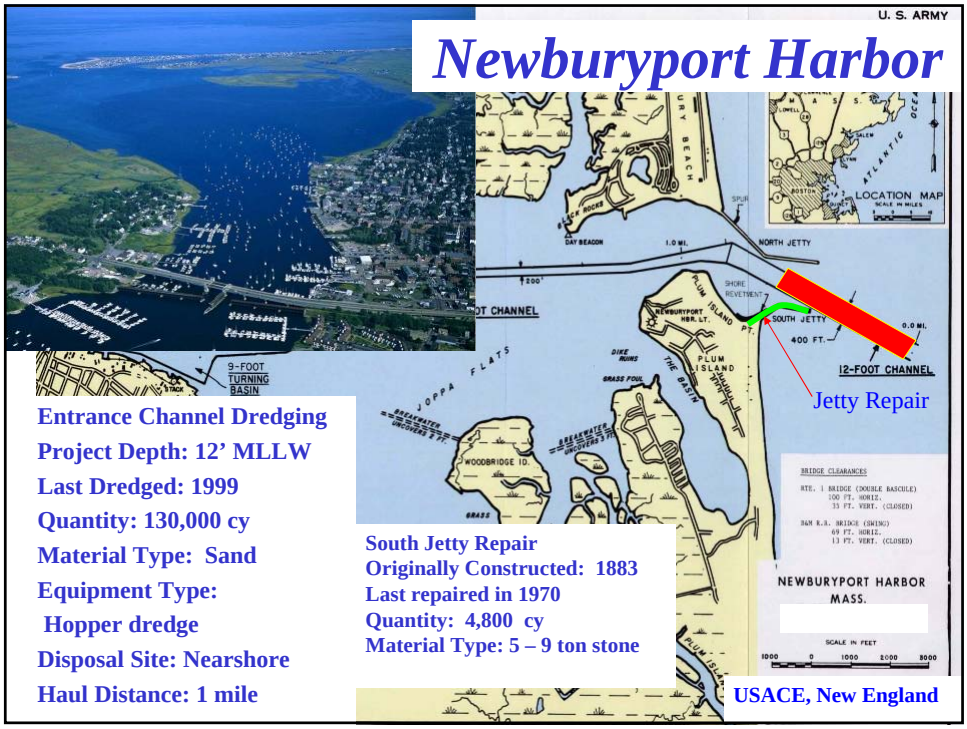
Draft Report: Late CY08

700,000 cy sand/gravel


Portland Harbor, Maine
Project Depth: 35' MLLW
Last Dredged: 1999
Quantity: 500,000 cy
Material Type: Silt/Clay
Equipment Type: Mechanical
Disposal Site: Open Water
30' APPROACH CHANNEL
30' ANCHORAGE
45' ANCHORAGE
GREAT DIAMOND ISLAND
LITTLE DIAMOND ISLAND
PEAKS ISLAND
CUSHING ISLAND
WHITEHEAD PASSAGE
WHITE HEAD
BREAKWATER
SPRING PT. LT.
PORTLAND
SOUTH PORTLAND
35' TURNING BASIN
PORTLAND BRIDGE
RAM ID.
LEDGE
CROSS SECTION OF SPRING PT. BREAKWATER


EXISTING FEDERAL PROJECT FEATURES
35-Foot Channel and Turning/Maneuvering Basins
Goat Island Causeway
PROPOSED PROJECT IMPROVEMENTS
Widen 35-Foot Upper Turning Basin and Approaches
140,000 CY Dredging, 80,000 CY Ledge Removal
PISCATAQUA RIVER
PORTSMOUTH HARBOR & PISCATAQUA RIVER, NEW HAMPSHIRE & MAINE
GENERAL INVESTIGATION
FEDERAL NAVIGATION PROJECT IMPROVEMENTS

Newburyport Harbor

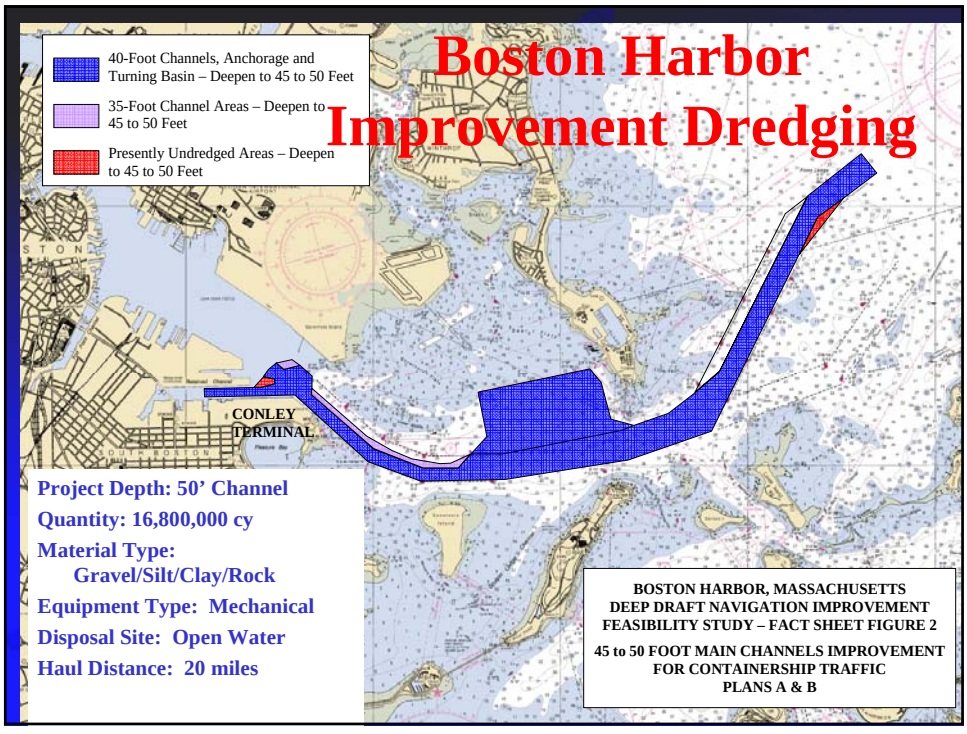


Entrance Channel Dredging
Project Depth: 12' MLLW
Last Dredged: 1999
Quantity: 130,000 cy
Material Type: Sand
Equipment Type:
Hopper dredge
Disposal Site: Nearshore
Haul Distance: 1 mile

South Jetty Repair
Originally Constructed: 1883
Last repaired in 1970
Quantity: 4,800 cy
Material Type: 5 – 9 ton stone

USACE, New England

Boston Harbor Improvement Dredging



Project Depth: 50' Channel
Quantity: 16,800,000 cy
Material Type:
Gravel/Silt/Clay/Rock
Equipment Type: Mechanical
Disposal Site: Open Water
Haul Distance: 20 miles

WOODS HOLE GREAT HARBOR FALMOUTH, MASS

Section 107 Improvement Dredging Project

New Study for FY07

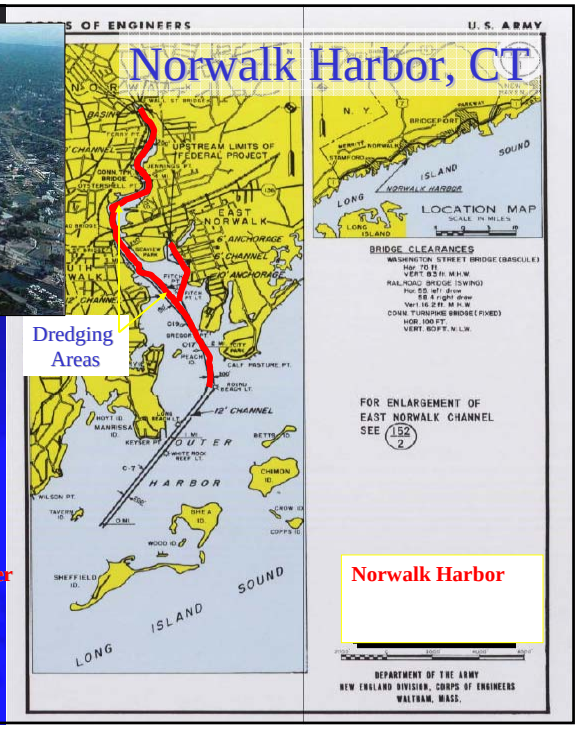
Sponsor: Town & NOAA

26-Foot Channel, Basin and NOAA Berths

80,000 CY Sand
35,000 CY Silty (Berths)

Norwalk Harbor, CT

Project Depth: 6, 10, & 12' MLLW
Last Dredged: 1980-81
Quantity: 192,000 cy
Material Type: Silt-Clay
Equipment Type: Mechanical dredge
Disposal Site: Open Water – CLIS & CAD cell
Haul Distance: 37 miles
Dredge Window: Oct 1 to Jan 31 or later
Issues: CAD Disposal, CLIS closure, Capping of ~350,000 CY.



North Cove

Project Depth: 6'& 11' MLLW

Last Dredged: 1992

Quantity: 183,000 cy

Material Type: Silt

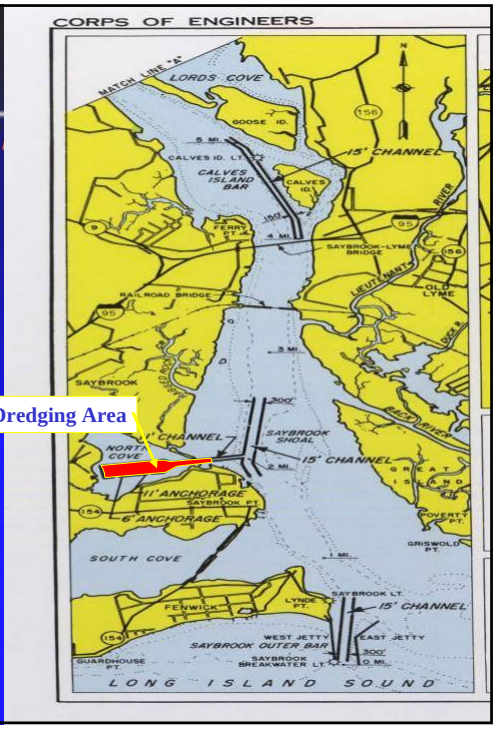
Equipment Type: Mechanical dredge

Disposal Site: Open Water at Cornfield Shoals

Haul Distance: 4.5 miles

Dredging Window: October 1 to May 31

Issues: Shortnose Sturgeon in the Connecticut River



Dredging Area

QUESTIONS

New England District