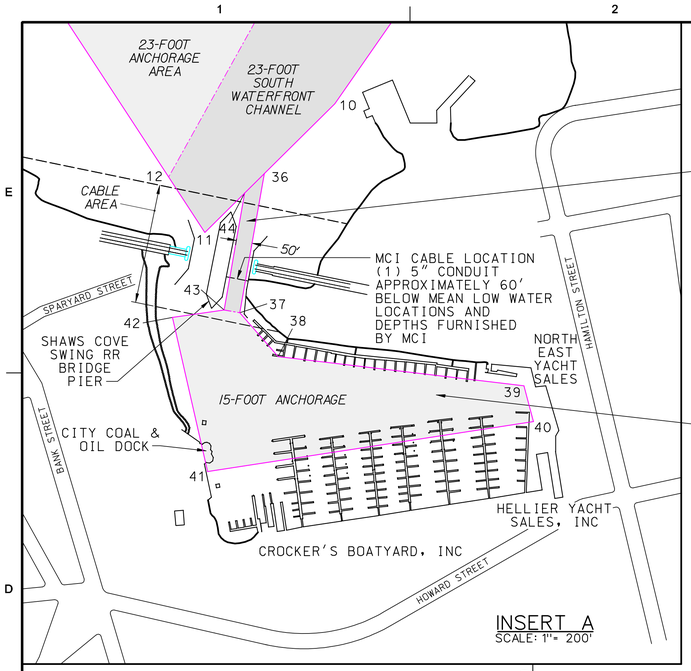
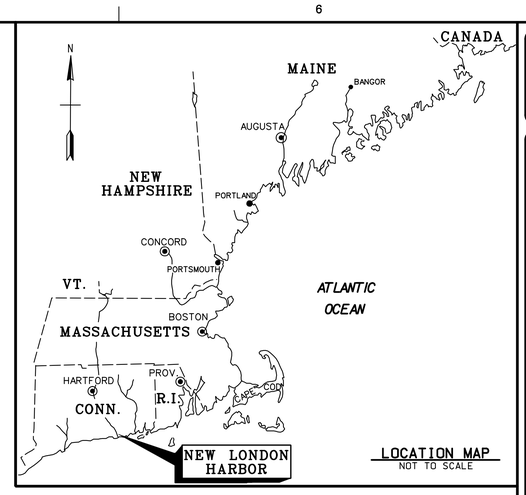


INSERT A
SCALE: 1"= 200'

15-FOOT ENTRANCE CHANNEL
WIDTH 50'
0.24 MILE (0.21 NM)
AREA 20,468 SQ FT (0.47 ACRES)
PERIMETER 955 FT

15-FOOT ANCHORAGE BASIN (SHAWS COVE)
AREA 301,079.92 SQ FT (6.91 ACRES)
PERIMETER 2,829 FT



LOCATION MAP
NOT TO SCALE

JUPITER POINT
PINE ISLAND
AVERY POINT
EASTERN POINT
BLACK ROCK
BLACK LEDGE
HOBS ISLAND
NEW LONDON LEDGE LIGHTHOUSE
GROTON
LONG ISLAND SOUND
N 680000
N 690000
E 1185000
E 1175000

36-FOOT CHANNEL
WIDTH 500'
0.96 MILE (0.83 NM)
AREA 2,471,730 SQ FT (56.74 ACRES)
PERIMETER 10,873 FT

40-FOOT CHANNEL
WIDTH 500'
3.8 MILES (3.3 NM)
AREA 9,957,888 SQ FT (228.61 ACRES)
PERIMETER 40,832 FT

25-FOOT THAMES RIVER FEDERAL CHANNEL
CABLE AREA
CABLE AREA
CABLE AREA
500'
RAILROAD BASCULE BRIDGE
36-FOOT CHANNEL
40-FOOT ENTRANCE CHANNEL
FLOOD
EBB
INTERSTATE 95 FIXED BRIDGE
WINTHROP POINT
STATE PIER
LONG DOCK
23-FOOT SOUTH WATERFRONT CHANNEL
WIDTH 400' AND VARIES
0.58 MILE (0.51 NM)
AREA 1,324,936.74 SQ FT (30.42 ACRES)
PERIMETER 7,784.45 FT
23-FOOT CHANNEL
400'
250'
POWDER ISLAND
WHITE ROCK
NEW LONDON HARBOR LIGHTHOUSE
FORT TRUMBULL STATE PARK
GREENS HARBOR
SEE INSERT A
NEW LONDON
SHAWS COVE

40-FOOT ANCHORAGE
AREA 728,303.34 SQ FT (30.42 ACRES)
PERIMETER 4,404 FT

23-FOOT EAST BRANCH CHANNEL
WIDTH 100'
0.35 MILE (0.31 NM)
AREA 95,558.35 SQ FT (30.42 ACRES)
PERIMETER 2,111 FT

23-FOOT WEST BRANCH (WINTHROP COVE) CHANNEL
WIDTH 250' AND VARIES
0.30 MILE (0.26 NM)
AREA 363,223 SQ FT (8.34 ACRES)
PERIMETER 3,588 FT

23-FOOT NORTH WATERFRONT CHANNEL
WIDTH 400' AND VARIES
0.34 MILE (0.30 NM)
AREA 851,309 SQ FT (19.54 ACRES)
PERIMETER 1,816 FT

23-FOOT ANCHORAGE AREA
AREA 675,546 SQ FT (30.42 ACRES)
PERIMETER 4,240 FT

23-FOOT MANEUVERING AREA
AREA 297,735 SQ FT (6.83 ACRES)
PERIMETER 2,881 FT

BRIDGE CLEARANCES FROM MHW

Obtained from NOAA Chart 13213 NTM Ed. 41.140, Dated Jan. 08

INTERSTATE 95 BRIDGE (FIXED)
HOR CL 500 FT
VERT CL 135 FT FOR
MIDDLE WIDTH OF 200 FT

RAILROAD BRIDGE (BASCULE)
HOR CL 151 FT
VERT CL 30 FT

SHAWS COVE RAILROAD BRIDGE (SWING)
HOR CL 70 FT NORTH DRAW
HOR CL 70 FT SOUTH DRAW
VERT CL 6 FT

PLAN
SCALE: 1"= 800'

NEW LONDON HARBOR, CONNECTICUT

Condition of Improvement as of February 2008

1. LOCATION: New London Harbor, Connecticut is at the mouth of the Thames River on the north shore of Long Island Sound, 12 miles west of Rhode Island.

2. AUTHORIZATION:

Date Authorized	Authority	Work Authorized
26 August 1937	RHA - 1937	Entrance channel & maneuvering area.
25 June 1910	RHA - 1910	Dredging Shaws Cove.
13 June 1902	RHA - 1902	Dredging channel & branch channels in Winthrop Cove and east of Central Vermont Railroad pier.
30 July 2007	RHA - 2007	Portion of a 23-foot waterfront channel re-designated as a 23-foot anchorage area.

3. EXISTING PROJECT: The project provides for a 40-foot entrance channel, 500 feet wide for a length of about 11,920 feet, (3.8 miles) from deep water in Long Island Sound to about 400 feet upstream of the Ceneral Dynamics Pier; thence a 36-foot channel, 500 feet wide, for a length of about 5,080 feet, (0.96 mile) to the seaward face of R.R. Bridge; a 40-foot anchorage 16.7 acres east of the State Pier; a 23-foot north and south waterfront channel, and a 23-foot anchorage, 400 feet wide, for a length of about 6,000 feet, (1.13 miles) skirting the waterfront of the city; two 23-foot branch channels, one, 250 feet wide, and 1,500 feet long. (.28 mile) located in Winthrop Cove and the other, 100 feet wide and 1,000 feet long, (.19 mile) located between the State Pier and Long Dock; a 23-foot maneuvering area, 6.8 acres, situated west of the main channel and south of the State Pier; and at Shaws Cove, a 15-foot entrance channel, 50 feet wide, for a length of about 410 feet, (.07 mile) leading to a 15-foot anchorage basin, 6.9 acres, located west of the Central Vermont Railroad bridge pier.

4. TOPOGRAPHY: All topography, including shoreline, bridges, piers, etc., is an approximate location unless otherwise noted on this sheet, and should be used as a general reference only.

5. DATUM PLANE: Mean Lower Low Water (MLLW) information obtained from NOAA National Ocean Surveys (NOS) Publication No. 8461490, coordinates are based on the Lambert Grid System for the State of Connecticut (Zone 0600) and NAD 1983.

#	EASTING	NORTHING
1	1184750.25	668869.37
2	1182567.97	689869.84
3	1182098.54	693352.95
4	1181895.55	693693.68
5	1181745.02	693676.36
6	1181603.02	693286.24
7	1182071.42	689810.72
8	1184252.93	668817.68
9	1182414.20	686512.08
10	1179819.88	688318.66
11	1179414.64	688728.24
12	1179589.26	688842.49
13	1180738.96	689594.63
14	1180908.82	690830.14
15	1180301.78	691681.94
16	1179822.77	692031.13
17	1179867.54	692092.54
18	1180213.52	692037.48
19	1180416.53	691951.68
20	1180967.05	691179.20
21	1181259.25	691263.78
22	1180710.74	692046.26
23	1180792.62	692103.66
24	1181642.20	690891.71
25	1181252.99	690396.66
26	1181244.20	690332.78
27	1181110.41	689359.65
28	1180414.51	688904.38
29	1180486.94	688341.58
30	1182359.60	687037.53
31	1181751.33	689600.35
32	1181905.77	691039.79
33	1180986.39	692459.80
34	1181163.98	692737.61
35	1181656.44	692889.82
36	1179599.82	688541.10
37	1179161.90	688618.21
38	1179023.66	688497.86
39	1178931.66	687723.62
40	1178819.02	687693.73
41	1178661.75	688719.43
42	1179146.66	688830.35
43	1179170.57	688667.45
44	1179538.97	688602.58
45	1182691.77	688678.47
46	1182194.45	688626.79

GRAPHIC SCALES:
1" = 200': 200 0 200 400
1" = 800': 800 0 800 1600

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR

DATE: 2/26/2008
REVIEWED BY: Chief, Navigation Section
SUBMITTED BY: Chief, Navigation Section
DRAWN BY: SWW
CHD BY: WWW
DESIGN FILE: NLHHSPS.DGN
DRAWING CODE: M-HAR
PLOT SCALE: 1"=200'
PLOT DATE: 2/26/2008
SIZE: ANSI F
FILE NAME: NLHMAS-1.DGN

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

NEW LONDON HARBOR
NEW LONDON AND GROTON, CONNECTICUT
MASTER LAYOUT PLAN
15, 23, 36 AND 40-FOOT CHANNELS
15, 23 AND 40-FOOT ANCHORAGES
23-FOOT MANEUVERING AREA

SHEET IDENTIFICATION
NLH-M1
SHEET 1 OF 1

SAFETY PAYS

NEW LONDON HARBOR
NEW LONDON AND GROTON
CONNECTICUT
15, 23, 36 AND 40-FOOT CHANNELS
15, 23 AND 40-FOOT ANCHORAGES
23-FOOT MANEUVERING AREA
STATE PLANE NAD 1983