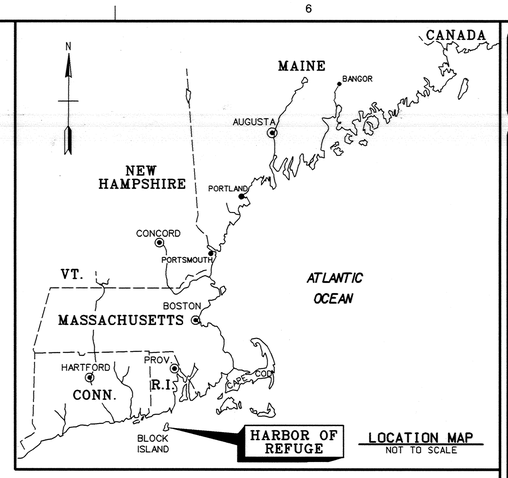
| INDEX OF NAVIGATION AIDS | | | |
|---|---|---|---|
| NO. | DATE | STATE PLANE COORDINATES | GEOGRAPHIC POSITION |
| GC-5 | 05/03/07 | N 34303.87<br>E 313064.52 | 41° - 10' - 38.9"N<br>71° - 33' - 16.4"W |
| RN-6 | 05/03/07 | N 33846.99<br>E 312828.20 | 41° - 10' - 34.4"N<br>71° - 33' - 19.5"W |
| GC-7 | 05/03/07 | N 35544.16<br>E 312943.58 | 41° - 10' - 31.4"N<br>71° - 33' - 18.0"W |




LOCATION MAP
NOT TO SCALE

## GENERAL NOTES:

1. Soundings are in feet and tenths and refer to the plane of Mean Lower Low Water (MLLW) 1983-2001 Tidal Epoch.
2. Topography shown is from previous surveys and/or NOAA Chart No. 13217. All topography, including shoreline, bridges, piers, etc., is located approximate unless otherwise noted and should be used as a general reference only.
3. Bench Mark Data: BM 5 (1939) is a standard USC&GS disk set in the northwest corner of a brownstone which is part of the brownstone jetty on the west side of the Inner basin in Old Harbor. The disk is 22.90 feet (7.0 m) north-northwest of the Old Harbor Bike Shop and 5.85 feet (1.8 m) west of the east edge of the brownstone. Elevation is 6.34 feet above MLLW.
4. Coordinates shown are based on the Transverse Mercator Grid System for the State of Rhode Island (Zone 3800) and NAD 1983.
5. Survey was performed using an Odom MK2 echotrac echosounder system. Vessel positioning was obtained utilizing a Trimble 4000 SSE GPS Receiver with U.S. Coast Guard Beacon System.
6. The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during May 2007.
7. The sounding information depicted on this map should NOT be used to determine volumes. Volumes are determined from more sounding information than shown. Additional sounding information is available upon request.
8. The information depicted on this map represents the results of surveys made on the dates indicated, and can only be considered as indicating the general conditions existing at that time.
9. Field Book: R&H 4461
   Depthsounder Roll: 07-876/01
   15-foot depth contour shown thus ~ ~ ~ ~ ~ ~ ~
   Surveyed by Paul K. O'Brien and Crew

EAST BREAKWATER
APPROXIMATE CABLE AREA
EAST BREAKWATER LIGHT (Fl G-3 HORN)
FLOOD
EBB
GC-5
GC-7
APPROXIMATE LOCATION OF BOILER
15-FOOT INNER BASIN
15-FOOT CHANNEL
WIDTH VARIES
RN-6
OUTER BASIN LIGHT (Fl R-8)
APPROXIMATE CABLE AREA
TOWN WHARF
HIGH STREET
FERRY DOCK
TWO DOLPHINS
FERRY LANDING
FOUNTAIN SQUARE
WEST BREAKWATER
WATER STREET
CHAPEL STREET
15-FOOT ANCHORAGE
DODGE STREET
RHODE ISLAND SOUND
NEW SHOREHAM
BLOCK I SLAND
N 34000
N 33000
E 313000
E 312000

PLAN
SCALE: 1" = 100'

GRAPHIC SCALE:
100 0 100 200
1" - 100'

SAFETY PAYS

US Army Corps of Engineers®
New England District

| DESCRIPTION | DATE | APPR. |
|---|---|---|
| MARK | | |

DATE: 10/31/07
DWN BY: DJS
CKD BY: MWK
DESIGN FILE: BRHRSPLOGN
DRAWING CODE: (PLAT)
REVIEWED BY: Matthew T. Mahoney, Asst. Chief, Survey Section
SUBMITTED BY: Matthew T. Mahoney, Chief, Survey Section
PLOT SCALE: 1" = 100'
PLOT DATE: 10/31/07
SIZE: ANSI F
FILE NAME: BRHNV01.501

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
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HARBOR OF REFUGE
HARLEM, RHODE ISLAND
BLOCK ISLAND, RHODE ISLAND
EMERGENCY CONDITION SURVEY

15-FOOT CHANNEL, ANCHORAGE AND BASIN

SHEET IDENTIFICATION
V-101
SHEET 1 OF 1

Scanned Record Oct. 2007

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