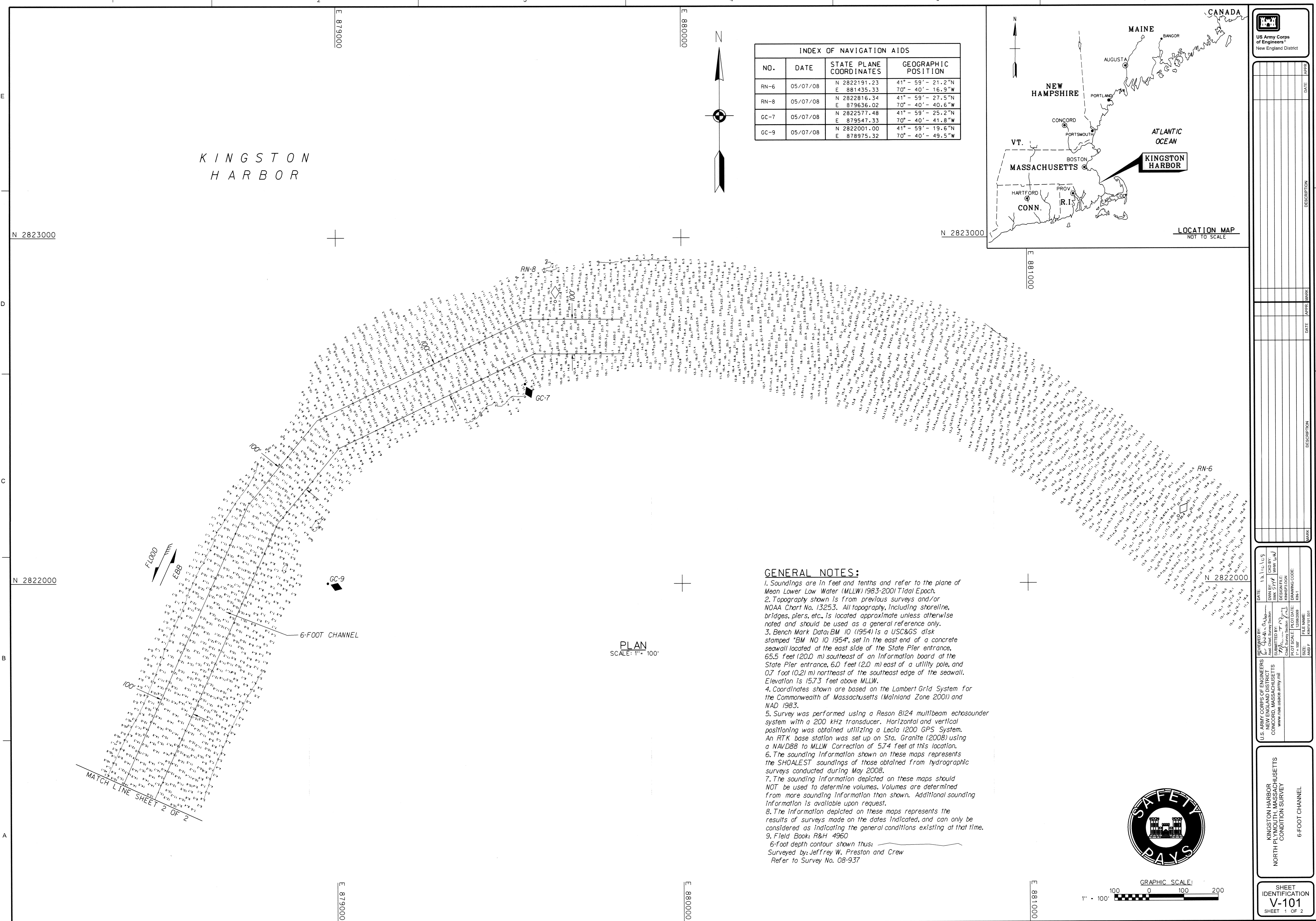
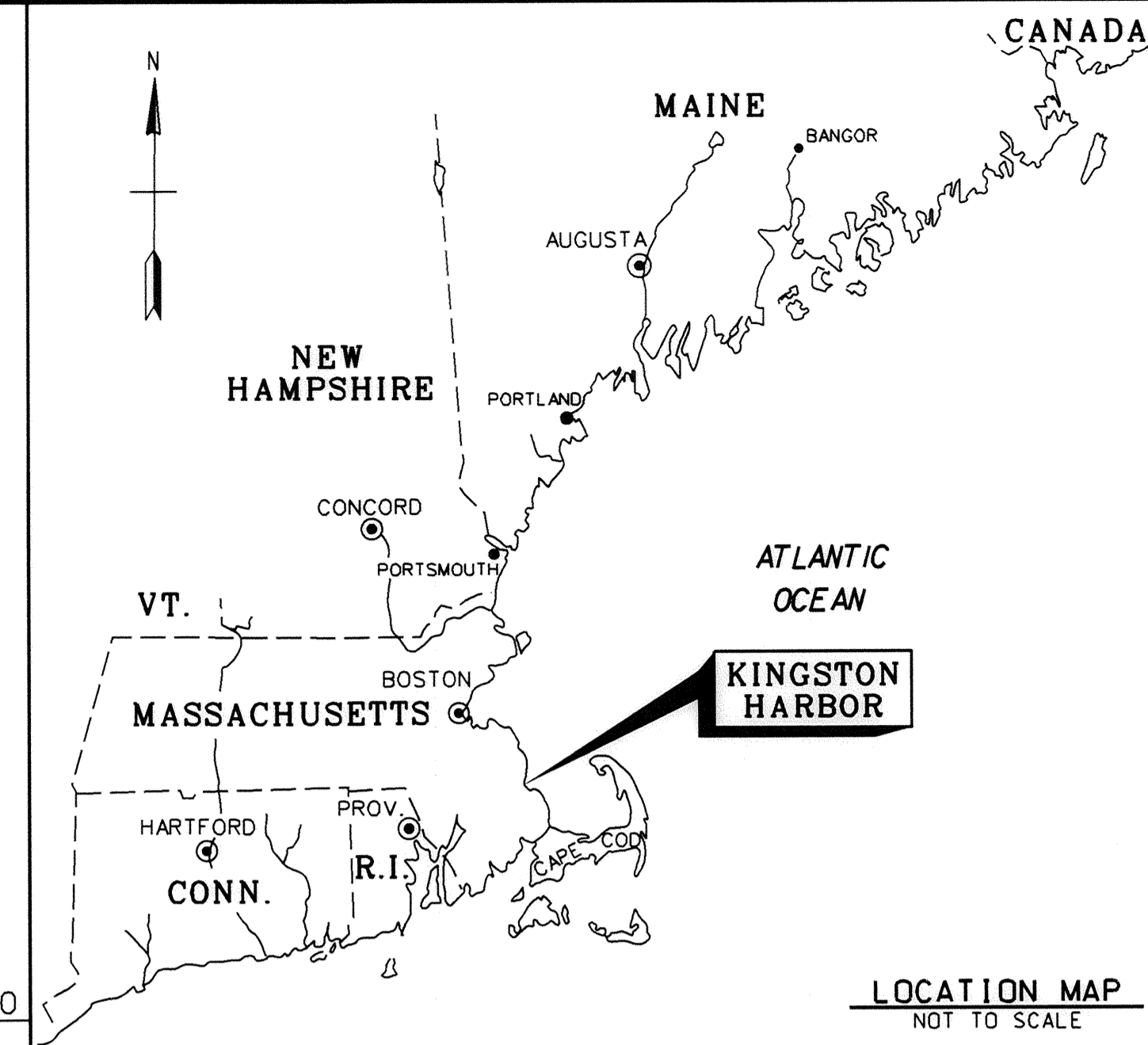


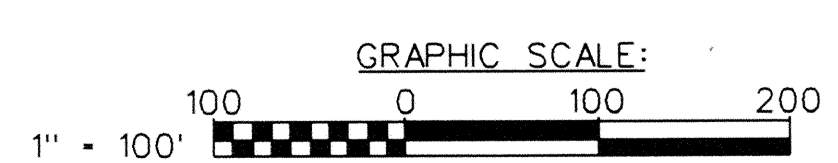
# KINGSTON HARBOR

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-6	05/07/08	N 2822191.23 E 881435.33	41° - 59' - 21.2"N 70° - 40' - 16.9"W
RN-8	05/07/08	N 2822816.34 E 879636.02	41° - 59' - 27.5"N 70° - 40' - 40.6"W
GC-7	05/07/08	N 2822577.48 E 879547.33	41° - 59' - 25.2"N 70° - 40' - 41.8"W
GC-9	05/07/08	N 2822001.00 E 878975.32	41° - 59' - 19.6"N 70° - 40' - 49.5"W



### 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. 13253. 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 10 (1954) is a USC&GS disk stamped "BM NO 10 1954", set in the east end of a concrete seawall located at the east side of the State Pier entrance, 65.5 feet (20.0 m) southeast of an information board at the State Pier entrance, 6.0 feet (2.0 m) east of a utility pole, and 0.7 foot (0.21 m) northeast of the southeast edge of the seawall. Elevation is 15.73 feet above MLLW.
4. Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland Zone 2001) and NAD 1983.
5. Survey was performed using a Reson 8124 multibeam echosounder system with a 200 kHz transducer. Horizontal and vertical positioning was obtained utilizing a Leica 1200 GPS System. An RTK base station was set up on Sta. Granite (2008) using a NAVD88 to MLLW Correction of 5.74 feet at this location.
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during May 2008.
7. The sounding information depicted on these maps 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 these maps 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 4960  
6-foot depth contour shown thus:   
Surveyed by: Jeffrey W. Preston and Crew  
Refer to Survey No. 08-937



**US Army Corps of Engineers**  
New England District

NO.	DATE	DESCRIPTION	MARK

---

REVIEWED BY: DATE: 12/11/10  
 DESIGNED BY: DATE: 05/07/08  
 CHECKED BY: DATE: 05/07/08  
 SUBMITTED BY: DATE: 05/07/08  
 PROJECT NO.: 08-937  
 SHEET NO.: 1 OF 2  
 FILE NAME: R&H 4960  
 ASSET: R&H 4960

---

**KINGSTON HARBOR**  
NORTH PLYMOUTH, MASSACHUSETTS  
CONDITION SURVEY

6-FOOT CHANNEL

---

SHEET IDENTIFICATION  
**V-101**  
SHEET 1 OF 2

