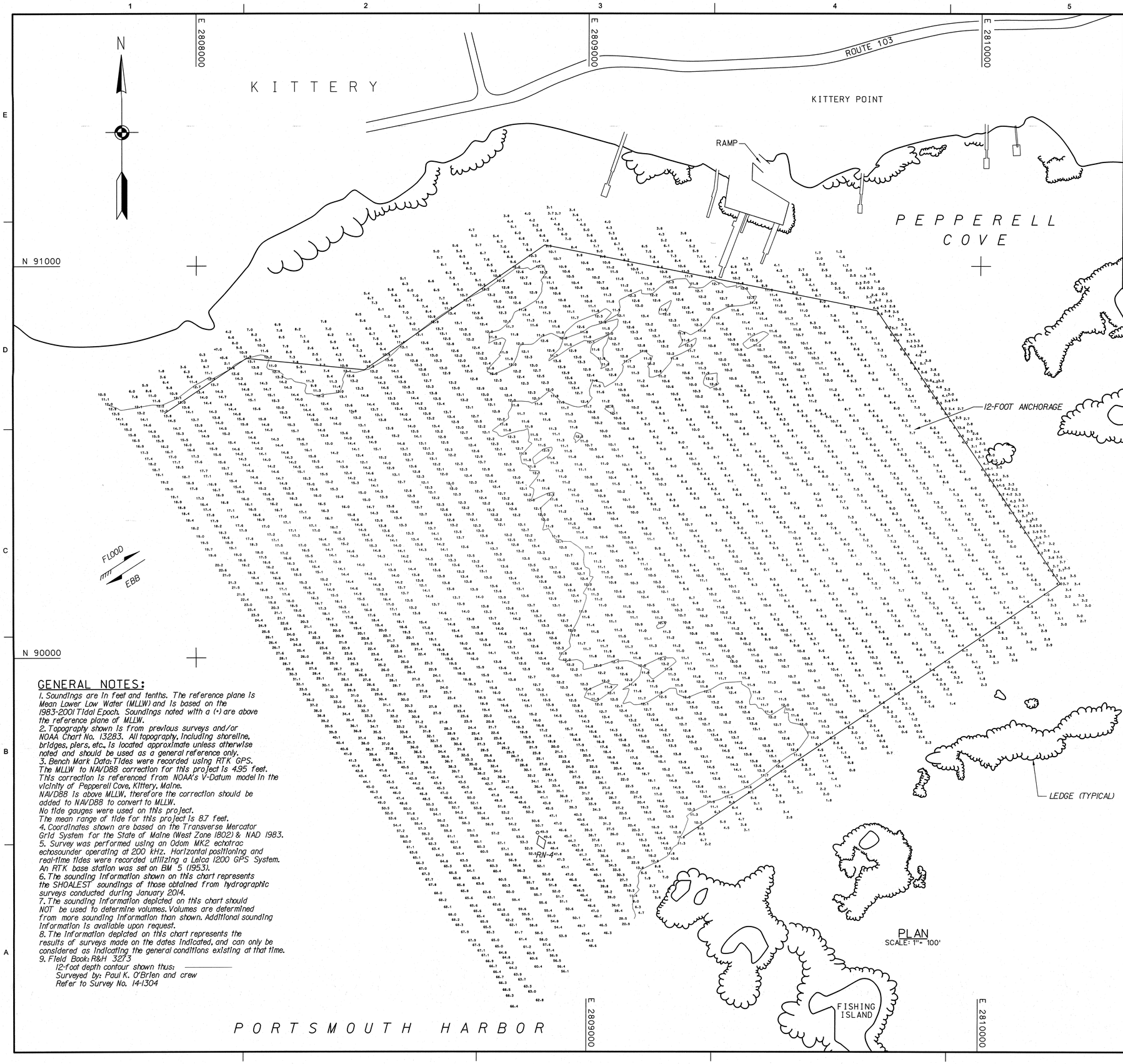
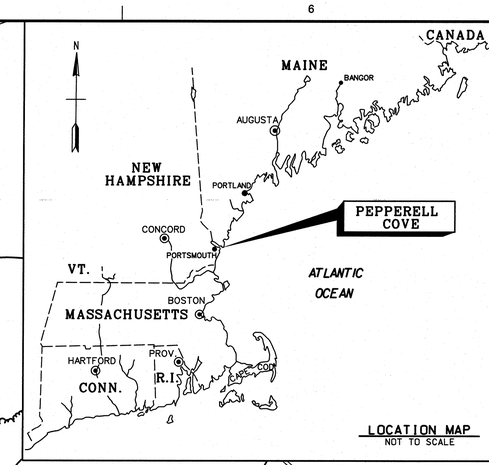


PLAN
SCALE: 1" = 100'



LOCATION MAP
NOT TO SCALE

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-4	01/31/14	N 89552.78 E 2808874.84	43° - 04′ - 40.0″N 70° - 42′ - 18.6″W

GENERAL NOTES:

1. Soundings are in feet and tenths. The reference plane is Mean Lower Low Water (MLLW) and is based on the 1983-2001 Tidal Epoch. Soundings noted with a (+) are above the reference plane of MLLW.
2. Topography shown is from previous surveys and/or NOAA Chart No. 13283. 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: Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is 4.95 feet. This correction is referenced from NOAA's V-Datum model in the vicinity of Pepperell Cove, Kittery, Maine. NAVD88 is above MLLW, therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project. The mean range of tide for this project is 8.7 feet.
4. Coordinates shown are based on the Transverse Mercator Grid System for the State of Maine (West Zone 1802) & NAD 1983.
5. Survey was performed using an Odom MK2 echotrac echosounder operating at 200 kHz. Horizontal positioning and real-time tides were recorded utilizing a Leica 1200 GPS System. An RTK base station was set on BM 5 (1953).
6. The sounding information shown on this chart represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2014.
7. The sounding information depicted on this chart 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 chart 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 3273
   12-foot depth contour shown thus: ————
   Surveyed by: Paul K. O'Brien and crew
   Refer to Survey No. 14-1304

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

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

DATE: 8/18/14
DWN BY: ABS
CKD BY: VJG/MP
SUBMITTED BY: Chief, Survey Section
SUBMITTED BY: Asst. Chief, Survey Section
PLOT SCALE: 1" = 100'
PLOT DATE: 8/18/2014
DESIGN FILE: NEBHSP3.dgn
DRAWING CODE: FEP-2747
SIZE: ANSI F
FILE NAME: PEP27ATV-101.551

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

PEPPERELL COVE
KITTERY, MAINE
CONDITION SURVEY

12-FOOT ANCHORAGE

SHEET IDENTIFICATION
V-101
SHEET 1 OF 1