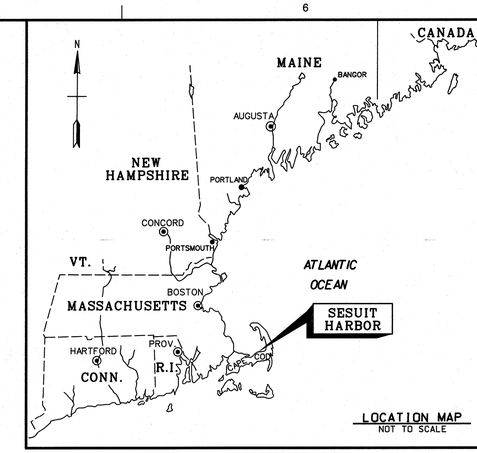
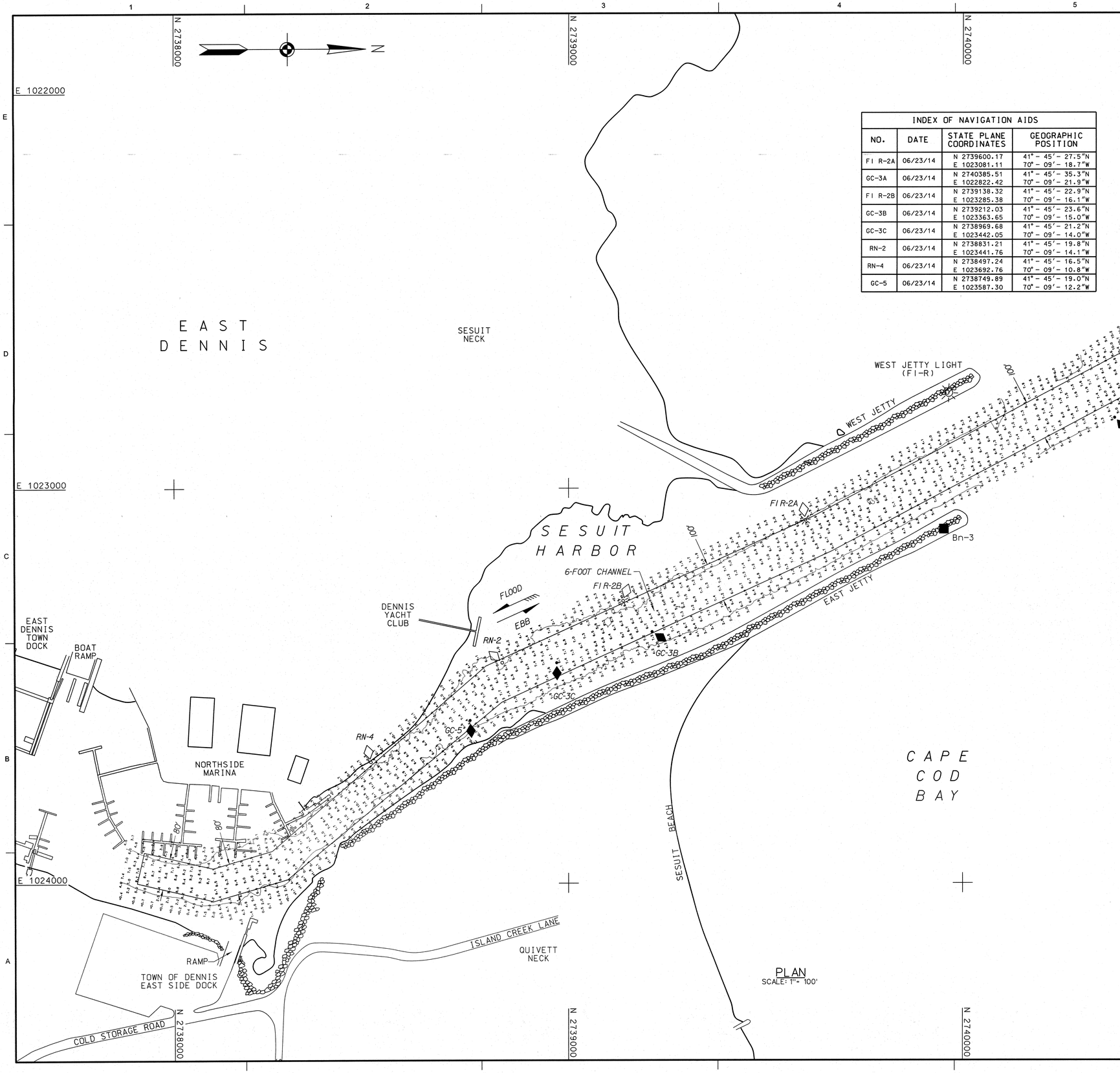
INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
Fl R-2A	06/23/14	N 2739600.17 E 1023081.11	41° - 45′ - 27.5″N 70° - 09′ - 18.7″W
GC-3A	06/23/14	N 2740385.51 E 1022822.42	41° - 45′ - 35.3″N 70° - 09′ - 21.9″W
Fl R-2B	06/23/14	N 2739138.32 E 1023285.38	41° - 45′ - 22.9″N 70° - 09′ - 16.1″W
GC-3B	06/23/14	N 2739212.03 E 1023363.65	41° - 45′ - 23.6″N 70° - 09′ - 15.0″W
GC-3C	06/23/14	N 2738969.68 E 1023442.05	41° - 45′ - 21.2″N 70° - 09′ - 14.0″W
RN-2	06/23/14	N 2738831.21 E 1023441.76	41° - 45′ - 19.8″N 70° - 09′ - 14.1″W
RN-4	06/23/14	N 2738497.24 E 1023692.76	41° - 45′ - 16.5″N 70° - 09′ - 10.8″W
GC-5	06/23/14	N 2738749.89 E 1023587.30	41° - 45′ - 19.0″N 70° - 09′ - 12.2″W





PLAN
SCALE: 1" = 100'

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. Soundings without a sign are below the reference plane of MLLW, and should be considered negative.
2. Topography shown is from previous surveys and/or NOAA Chart No. 13250. 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 5.81 ft. Correction established in the vicinity of NOAA bench marks at Sesuit Harbor, East Dennis, Massachusetts (Station ID 8447241, 04/21/2003). The reference point established for the correction is Station Snow (2003).
Average range of tide is 9.73 feet.
4. Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland Zone 2001), NAD 1983 and based on U.S. Survey Feet.
5. Survey was performed using an R2 Sonic Multibeam Sonar System operating at 300kHz. Vessel positioning and real-time tides were obtained utilizing a Leica 1200 RTK GPS System. The RTK base station used was Station Snow (2003).
6. The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during June 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 4499
6-Foot depth contour shown thus: ———
Surveyed by: Robert MacGovern and Crew

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

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.

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U.S. ARMY CORPS OF ENGINEERS
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REVIEWED BY: Alfred Pasdon
SUBMITTED BY: Paul Kelleher
DATE: 8/1/2017
DWN BY: AEB
CKD BY: JWP
DESIGN FILE: SESUIT_HARBOR_MAS.dgn
PLOT SCALE: 1" = 100'
PLOT DATE: 08/01/2014
DRAWING CODE: SBS-34
SIZE: ANSI F
FILE NAME: SESUIT_V-101.dgn

SESUIT HARBOR
DENNIS, MASSACHUSETTS
CONDITION SURVEY

6-FOOT CHANNEL

SHEET IDENTIFICATION
V-101
SHEET 1 OF 1