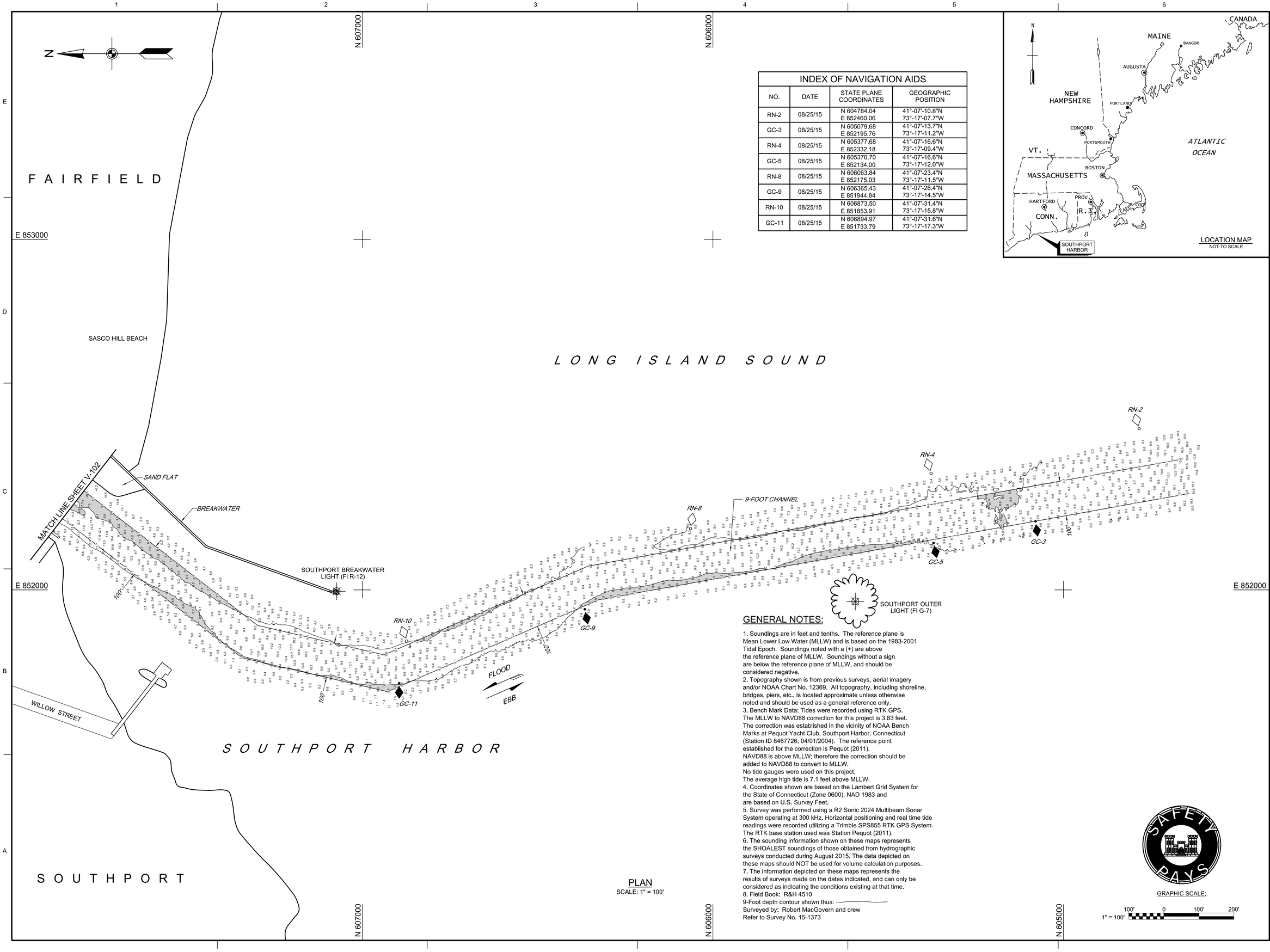


INDEX OF NAVIGATION AIDS

NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-2	08/25/15	N 604784.04 E 852460.06	41°-07'-10.8"N 73°-17'-07.7"W
GC-3	08/25/15	N 605079.68 E 852195.76	41°-07'-13.7"N 73°-17'-11.2"W
RN-4	08/25/15	N 605377.68 E 852332.18	41°-07'-16.6"N 73°-17'-09.4"W
GC-5	08/25/15	N 605370.70 E 852134.00	41°-07'-16.6"N 73°-17'-12.0"W
RN-8	08/25/15	N 606063.84 E 852175.03	41°-07'-23.4"N 73°-17'-11.5"W
GC-9	08/25/15	N 606365.43 E 851944.84	41°-07'-26.4"N 73°-17'-14.5"W
RN-10	08/25/15	N 606873.50 E 851853.91	41°-07'-31.4"N 73°-17'-15.8"W
GC-11	08/25/15	N 606894.97 E 851733.79	41°-07'-31.6"N 73°-17'-17.3"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. Soundings without a sign are below the reference plane of MLLW, and should be considered negative.
2. Topography shown is from previous surveys, aerial imagery and/or NOAA Chart No. 12369. 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 3.83 feet. The correction was established in the vicinity of NOAA Bench Marks at Pequot Yacht Club, Southport Harbor, Connecticut (Station ID 8467726, 04/01/2004). The reference point established for the correction is Pequot (2011). 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 average high tide is 7.1 feet above MLLW.
4. Coordinates shown are based on the Lambert Grid System for the State of Connecticut (Zone 0600), NAD 1983 and are based on U.S. Survey Feet.
5. Survey was performed using a R2 Sonic 2024 Multibeam Sonar System operating at 300 kHz. Horizontal positioning and real time tide readings were recorded utilizing a Trimble SPS855 RTK GPS System. The RTK base station used was Station Pequot (2011).
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during August 2015. The data depicted on these maps should NOT be used for volume calculation purposes.
7. The information depicted on these maps represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.
8. Field Book: R&H 4510

9-Foot depth contour shown thus: ————

Surveyed by: Robert MacGovern and crew

Refer to Survey No. 15-1373

PLAN

SCALE: 1" = 100'

GRAPHIC SCALE:

1" = 100' 100' 0 100' 200'

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

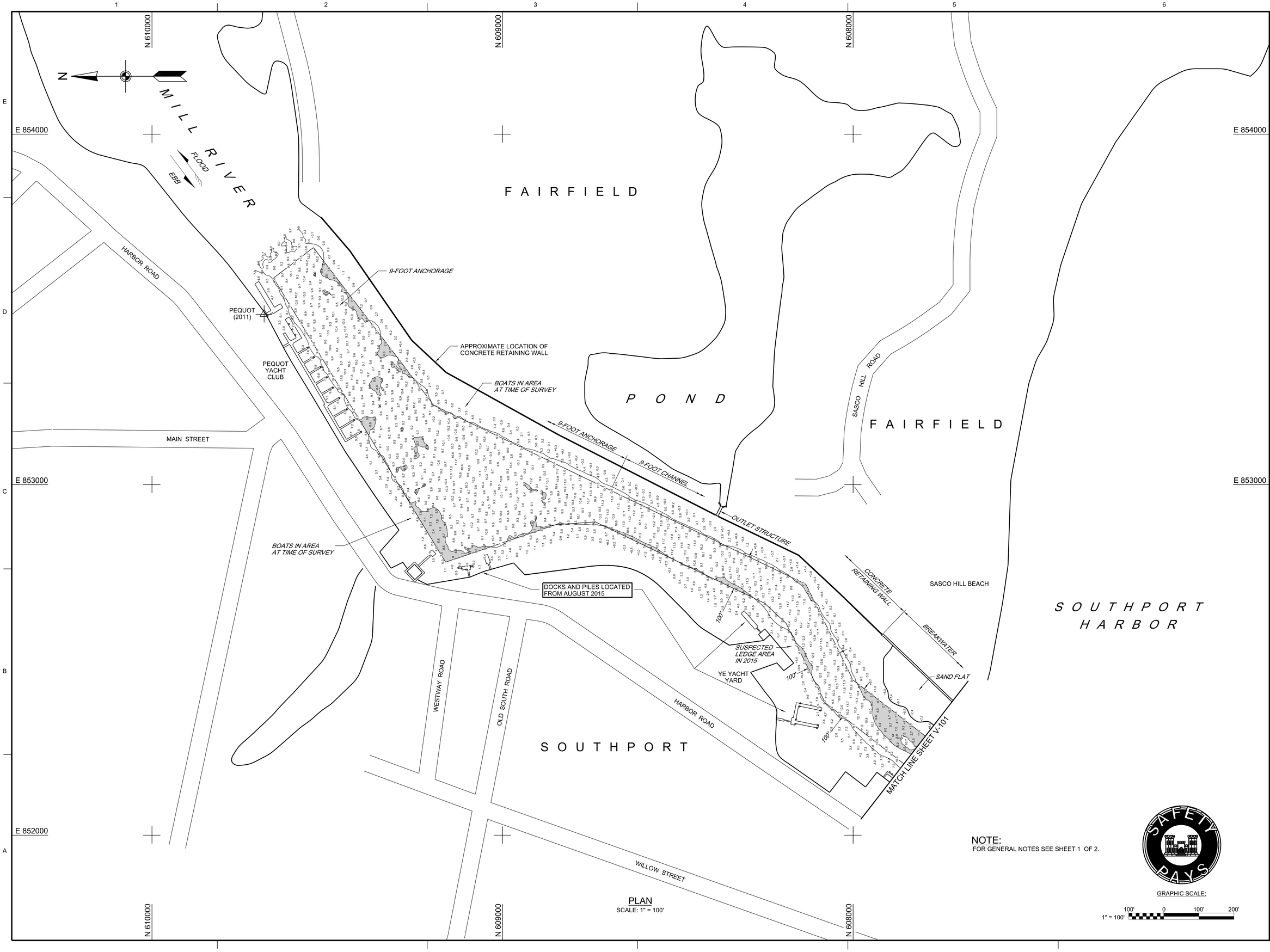
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

DATE: 10/06/2015
DWN BY: SOE
CKD BY: DSB / MWR
DESIGN FILE: SPH-074_V-HP-MAS.dgn
DRAWING CODE: SPH-074
PLOT SCALE: 1" = 100'
PLOT DATE: 10/07/15
SIZE: ANSI F
FILE NUMBER: SPH-074_V-101.dgn

SOUTHPORT HARBOR
FAIRFIELD, CONNECTICUT
CONDITION SURVEY

9-FOOT CHANNEL AND ANCHORAGE

SHEET IDENTIFICATION
V-101
SHEET 1 OF 2



PLAN
SCALE: 1" = 100'

NOTE:
FOR GENERAL NOTES SEE SHEET 1 OF 2.

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

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New England District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

DATE: 10/09/2015
DWN BY: SOB
CKD BY: DSB, RWM
DESIGN FILE: SPH-074_V-HP-MAS.dgn
DRAWING CODE: SPH-074
PLOT DATE: 10/09/2015
PLOT SCALE: 1:1
FILE NAME: SPH-074_V-102.dgn
SIZE: ANSI F

REVIEWED BY:
Asst. Chief, Survey Section
SUBMITTED BY:
Chief, Survey Section

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SOUTHPORT HARBOR
FAIRFIELD, CONNECTICUT
CONDITION SURVEY

9-FOOT CHANNEL AND ANCHORAGE

SHEET IDENTIFICATION
V-102
SHEET 2 OF 2