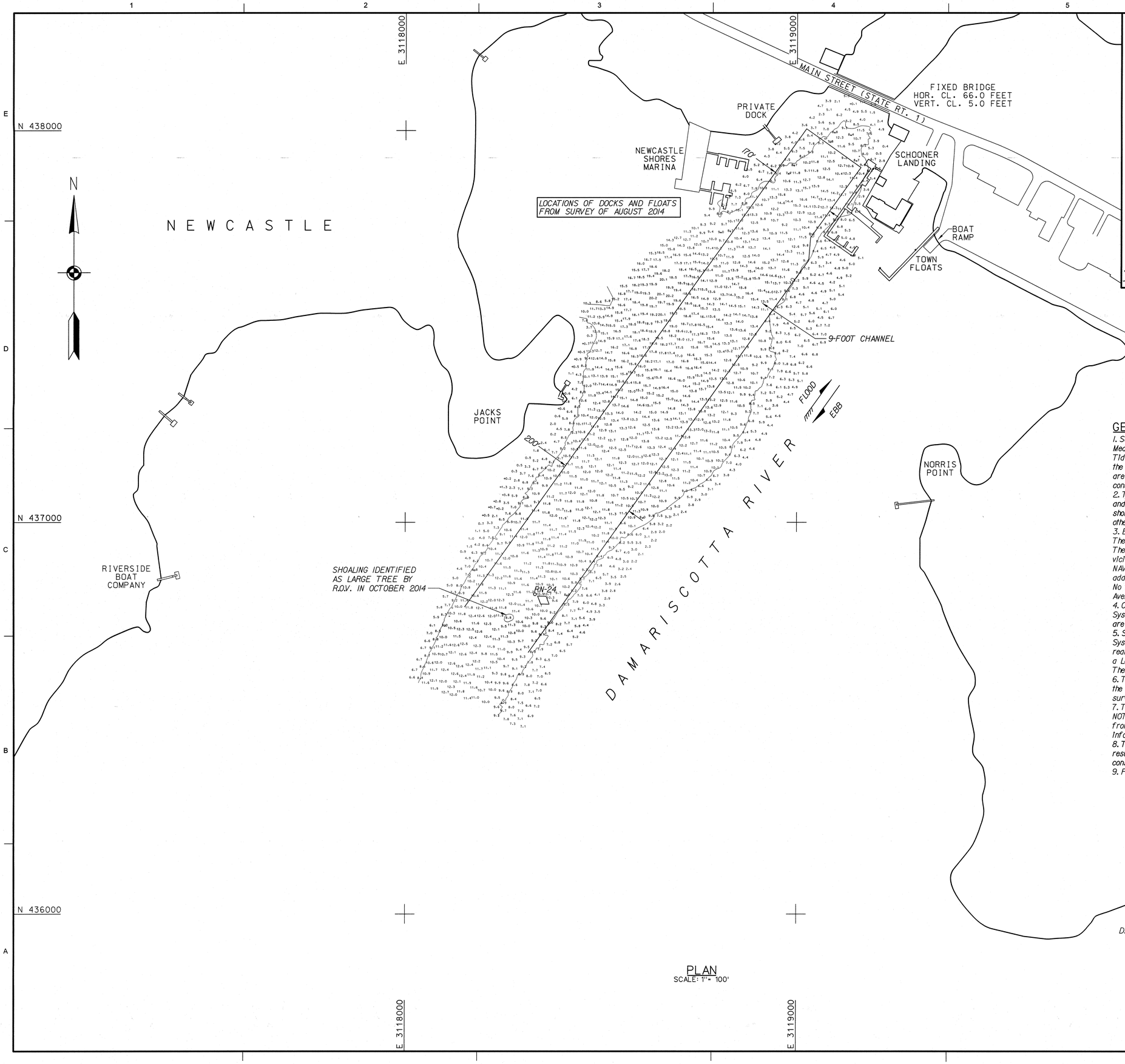

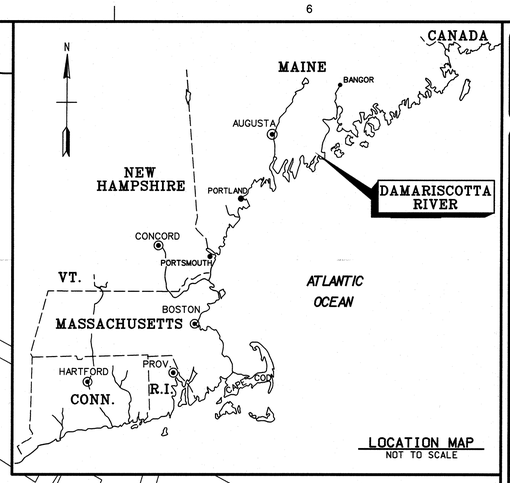

LOCATION MAP
NOT TO SCALE

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-24	08/20/14	N 436816.29 E 3118331.56	44° - 01' - 48.1"N 69° - 32' - 13.5"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. Any soundings noted with a (+) are above the reference plane of MLLW. Any soundings without a sign are below the reference plane of MLLW, and should be considered negative.
2. Topography shown is from aerial photography, previous surveys and/or NOAA Chart No. 13293. 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 5.77 feet. The correction is referenced from NOAA's V-Datum model in the vicinity of Damariscotta River, Newcastle and Damariscotta, 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. Average range of tide is 9.3 feet.
4. Coordinates shown are based on the Transverse Mercator Grid System for the State of Maine (West Zone 1802), 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 Leica 1200 RTK GPS System. The RTK base station used was Station Ramp (2014).
6. The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during August 2014.
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 conditions existing at that time.
9. Field Book: R&H 1497
   9-Foot depth contour shown thus:
   Surveyed by: Robert MacGovern and crew
   Refer to Survey No. 14-1330

PLAN
SCALE: 1" = 100'

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

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
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REVIEWED BY: Kelly Preston, Chief, Survey Section
SUBMITTED BY: Kelly Preston, Chief, Survey Section
PLOT SCALE: 1" = 100'
PLOT DATE: 10/21/2014
SIZE: ANSI F
FILE NAME: DAM-2755_V-101.dgn
DATE: 10/21/2014
DWN BY: SWK
CKD BY: JWP
DESIGN FILE: DAM-2755_V-HP_MAS.dgn
DRAWING CODE: DAM-2755

DAMARISCOTTA RIVER
NEWCASTLE AND DAMARISCOTTA, MAINE
CONDITION SURVEY

9-FOOT CHANNEL

SHEET IDENTIFICATION
V-101
SHEET 1 OF 1