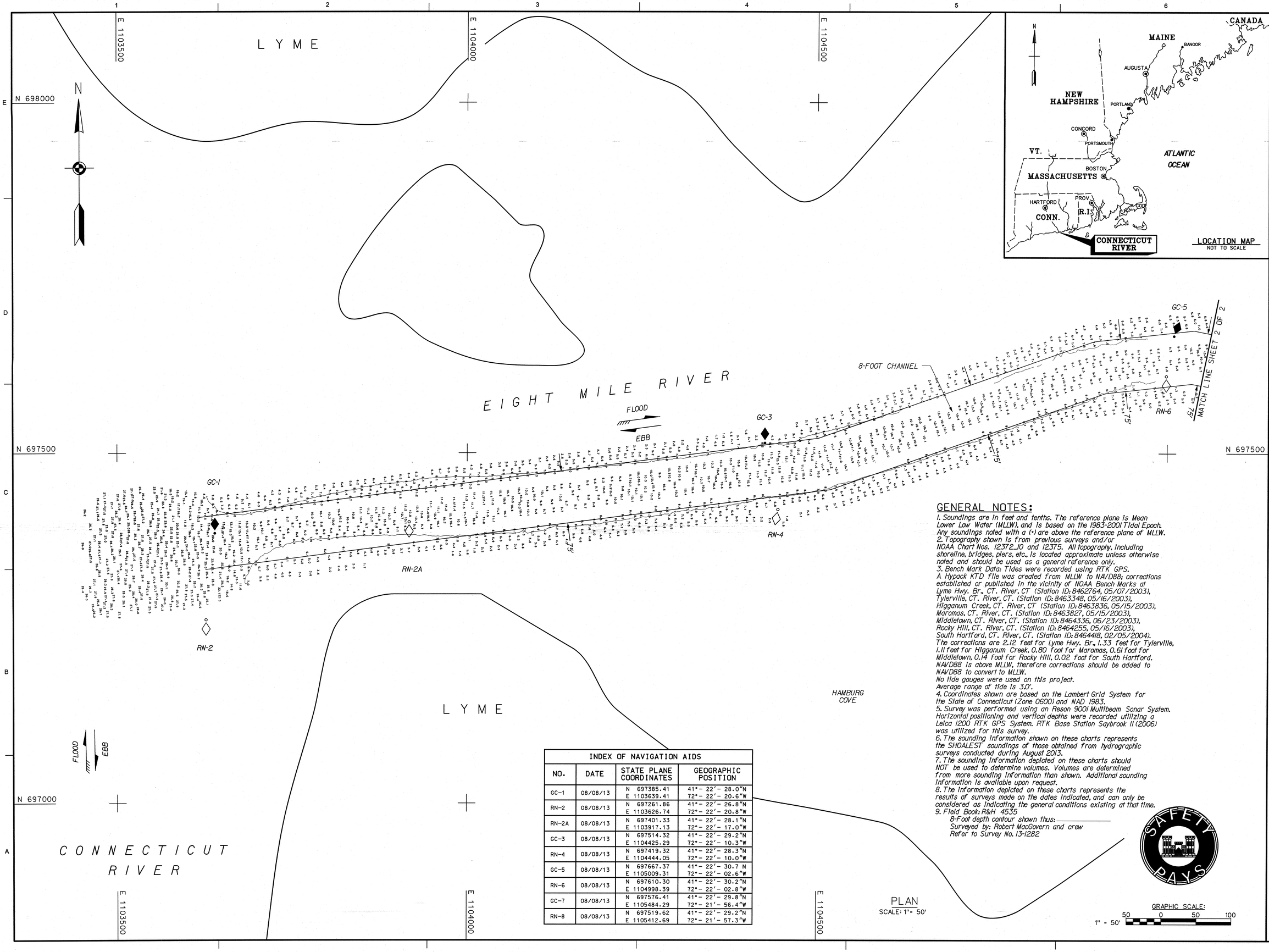

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-1	08/08/13	N 697385.41 E 1103639.41	41°- 22'- 28.0"N 72°- 22'- 20.6"W
RN-2	08/08/13	N 697261.86 E 1103626.74	41°- 22'- 26.8"N 72°- 22'- 20.8"W
RN-2A	08/08/13	N 697401.33 E 1103917.13	41°- 22'- 28.1"N 72°- 22'- 17.0"W
GC-3	08/08/13	N 697514.32 E 1104425.29	41°- 22'- 29.2"N 72°- 22'- 10.3"W
RN-4	08/08/13	N 697419.32 E 1104444.05	41°- 22'- 28.3"N 72°- 22'- 10.0"W
GC-5	08/08/13	N 697667.37 E 1105009.31	41°- 22'- 30.7 N 72°- 22'- 02.6"W
RN-6	08/08/13	N 697610.30 E 1104998.39	41°- 22'- 30.2"N 72°- 22'- 02.8"W
GC-7	08/08/13	N 697576.41 E 1105484.29	41°- 22'- 29.8"N 72°- 21'- 56.4"W
RN-8	08/08/13	N 697519.62 E 1105412.69	41°- 22'- 29.2"N 72°- 21'- 57.3"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. Any soundings noted with a (+) are above the reference plane of MLLW.
2. Topography shown is from previous surveys and/or NOAA Chart Nos. 12372_10 and 12375. 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. A Hypack KTD file was created from MLLW to NAVD88; corrections established or published in the vicinity of NOAA Bench Marks at Lyme Hwy. Br., CT. River, CT (Station ID: 8462764, 05/07/2003), Tylerville, CT. River, CT. (Station ID: 8463348, 05/16/2003), Higganum Creek, CT. River, CT (Station ID: 8463836, 05/15/2003), Maromas, CT. River, CT. (Station ID: 8463827, 05/15/2003), Middletown, CT. River, CT. (Station ID: 8464336, 06/23/2003), Rocky Hill, CT. River, CT. (Station ID: 8464255, 05/16/2003), South Hartford, CT. River, CT. (Station ID: 8464418, 02/05/2004). The corrections are 2.12 feet for Lyme Hwy. Br., 1.33 feet for Tylerville, 1.11 feet for Higganum Creek, 0.80 foot for Maromas, 0.61 foot for Middletown, 0.14 foot for Rocky Hill, 0.02 foot for South Hartford. NAVD88 is above MLLW, therefore corrections should be added to NAVD88 to convert to MLLW.
   No tide gauges were used on this project.
   Average range of tide is 3.0'.
4. Coordinates shown are based on the Lambert Grid System for the State of Connecticut (Zone 0600) and NAD 1983.
5. Survey was performed using an Reson 9001 Multibeam Sonar System. Horizontal positioning and vertical depths were recorded utilizing a Leica 1200 RTK GPS System. RTK Base Station Saybrook II (2006) was utilized for this survey.
6. The sounding information shown on these charts represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during August 2013.
7. The sounding information depicted on these charts 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 charts 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 4535
   8-Foot depth contour shown thus: _____
   Surveyed by: Robert MacGovern and crew
   Refer to Survey No. 13-1282

PLAN
SCALE: 1"= 50'

GRAPHIC SCALE:
50 0 50 100
1" = 50'

SAFETY PAYS

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.

DATE: 4/25/2014
REVIEWED BY: Jeffrey Houston, Asst. Chief, Survey Section
SUBMITTED BY: [signature], Chief, Survey Section
PLOT SCALE: 1=50'
PLOT DATE: 4/25/2014
SIZE: ANSI F
DRAWN BY: [illegible]
DESIGN FILE: CB8302MP
CEBHSPD1.DGN
DRAWING CODE: CHS-1055
FILE NAME: CB8302V101.S01

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
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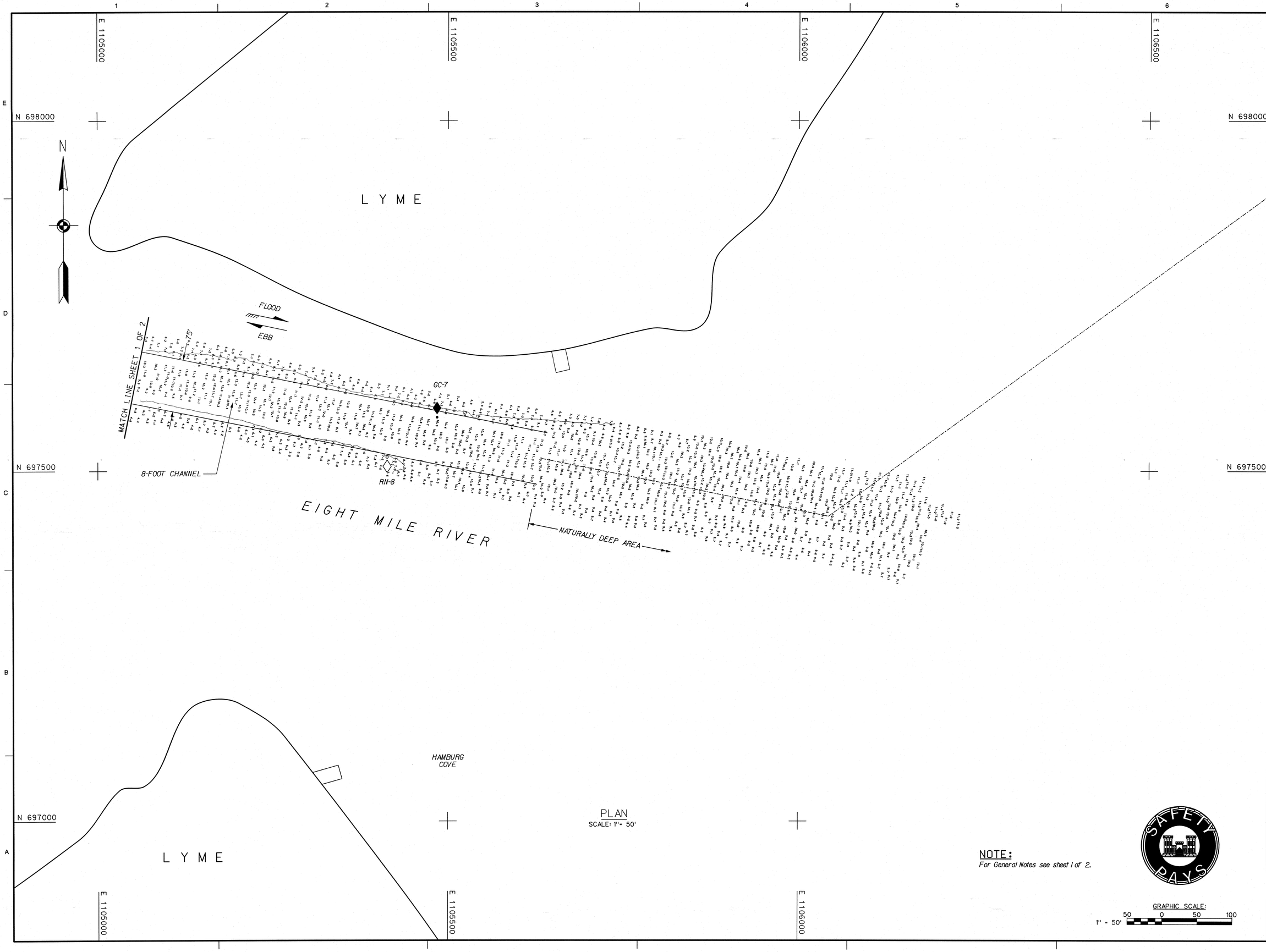
CONNECTICUT RIVER, BELOW HARTFORD
SAYBROOK TO HARTFORD, CT
EIGHT MILE RIVER
ELECTRONIC CONDITION SURVEY
PARTIAL 8-FOOT CHANNEL

SHEET IDENTIFICATION
V-101
SHEET 1 OF 2



PLAN
SCALE: 1"= 50'

NOTE:
For General Notes see sheet 1 of 2.

GRAPHIC SCALE:
1" = 50'
50 0 50 100

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
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REVIEWED BY: Chief, Survey Section
SUBMITTED BY: Chief, Survey Section
DATE: 4/25/2014
DWN BY: VJG
CKD BY: SWK/JWP
DESIGN FILE: CRBHSP3.DGN
PLOT SCALE: 1" = 50'
PLOT DATE: 4/25/2014
DRAWING CODE: CRB-1025
SIZE: ANSI F
FILE NAME: CRB1025V102.S02

CONNECTICUT RIVER, BELOW HARTFORD
SAYBROOK TO HARTFORD, CT

EIGHT MILE RIVER
PARTIAL CONDITION SURVEY
8-FOOT CHANNEL

SHEET IDENTIFICATION
V-102
SHEET 2 OF 2