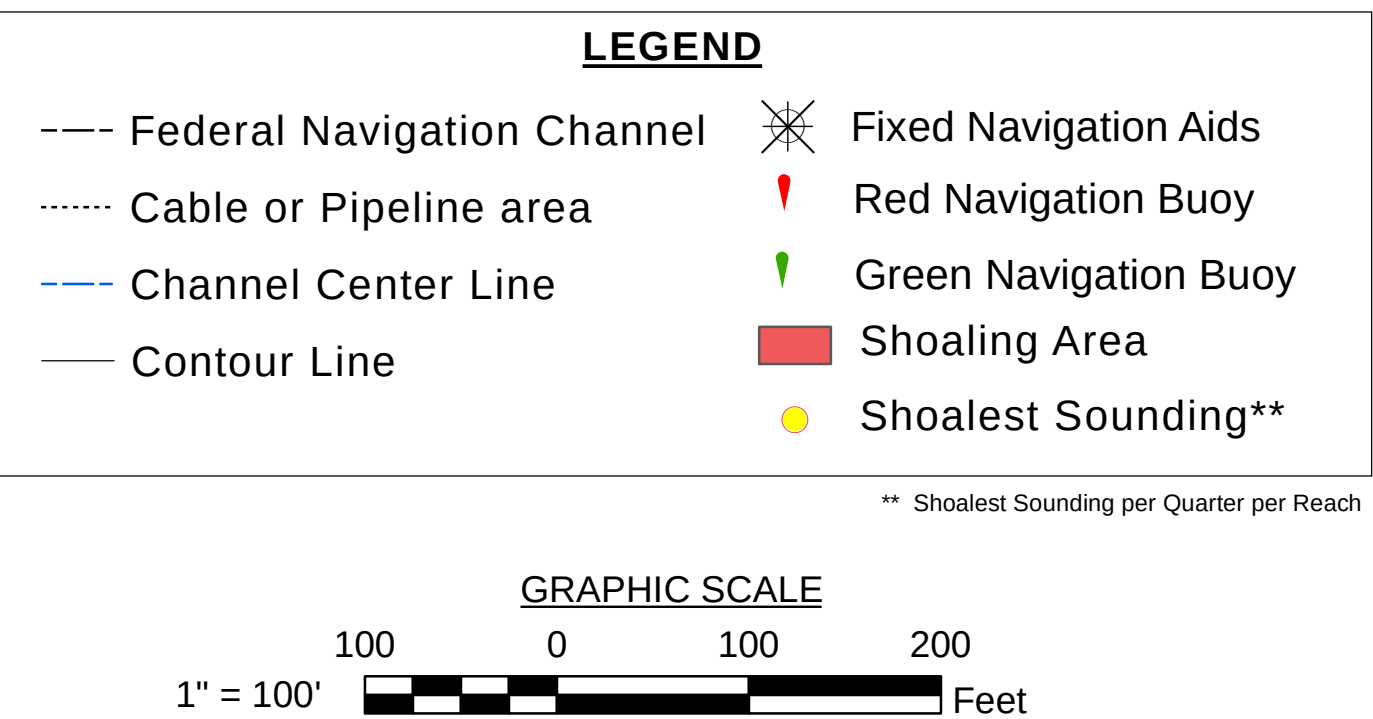
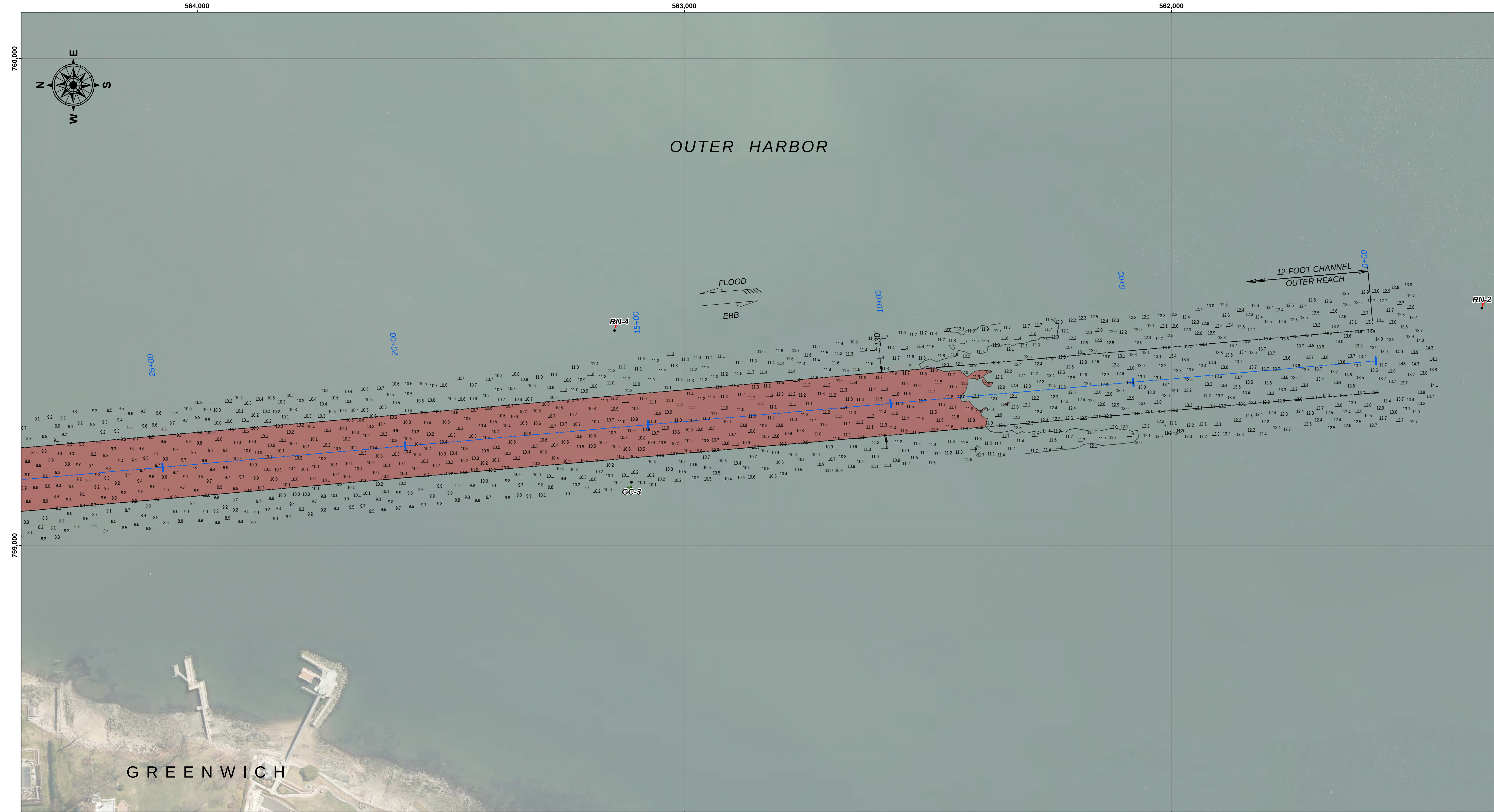




Notes:

Horizontal Datum: Connecticut, CT-0600 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: CELESTIAL
Sonar System: R2 Sonic 2024 (Multibeam Sonar)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS Tides
GPS System: Trimble SPS 855 (RTK)
RTK Base Station: Ramp (2004)
Software Used: Hypack
Sounding Sort Distance: 20'
Field Books: R&H 4455
Survey No.: CT_38_GRW_20191008_CS_078
Reference NOAA Chart No.: 12367

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during October 2019. The sounding 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. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more

Project Remarks

Lidar data included with sounding data.

Water Level Information

Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is 4.10 feet. This correction is referenced from NOAA's V-Datum Model in the vicinity of Greenwich Harbor, Greenwich, Connecticut. NAVD88 is above MLLW, therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.

**GREENWICH HARBOR
GREENWICH, CONNECTICUT
CONDITION SURVEY
12-FOOT CHANNEL
6 AND 8-FOOT ANCHORAGES**

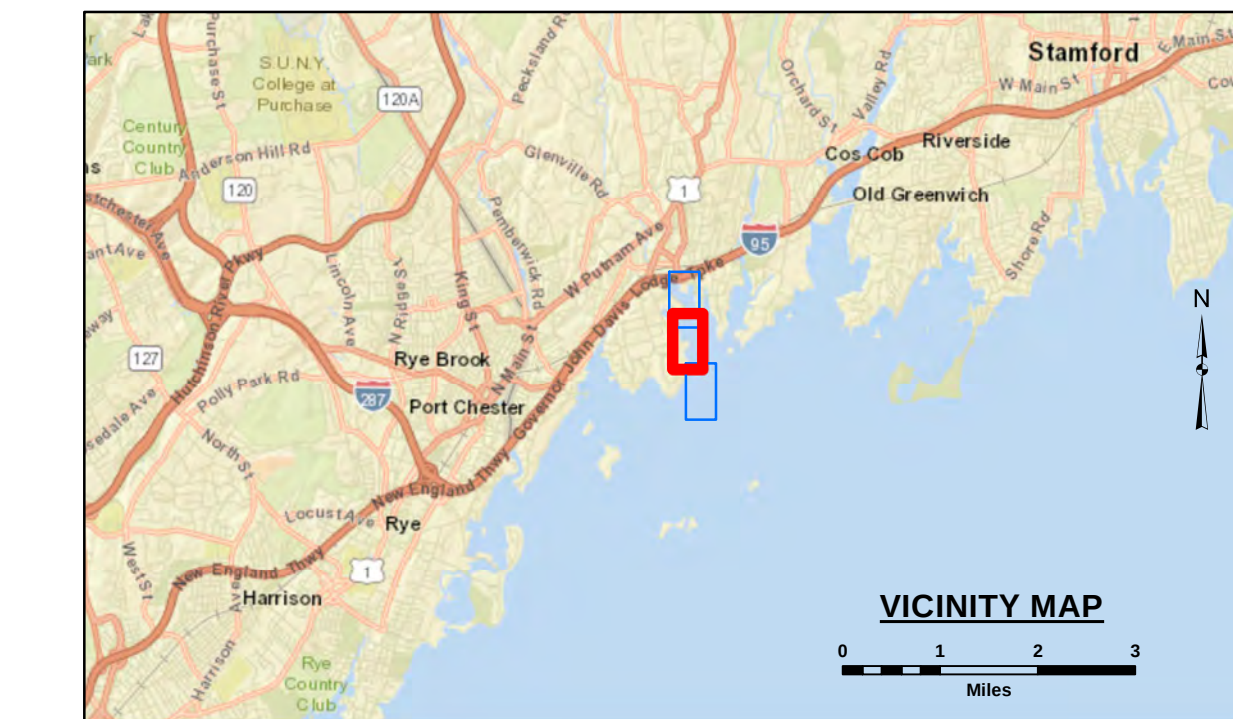
**SHEET
IDENTIFICATION
Greenwich Harbor**

Sheet 1 of 3

U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT			
SUBMITTED BY: Zachary McAvoy		SURVEYED BY: MJV	
APPROVED BY: NAE Survey		CHECKED BY: ZSM	
SIZE: ANSI D	MAP DOCUMENT: CT_38_GRW_20191008_CS_078		ISSUE DATE: 12/16/2019



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Accession: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally collected. The use of the data for any other purpose is at the user's risk. The user is responsible for the results of any application of this data for other than its intended purpose. The recipient may not transfer these data to others without also transferring the Disclaimer.



LEGEND

Federal Navigation Channel

.....

Cable or Pipeline area

Channel Center Line

—

Contour Line

✕

Fixed Navigation Aids

●

Red Navigation Buoy

●

Green Navigation Buoy

■

Shoaling Area

●

Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach

GRAPHIC SCALE

100

0

100

200

1" = 100' Feet

Notes:
Horizontal Datum: Connecticut, CT-0600 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: CELESTIAL
Sonar System: R2 Sonic 2024 (Multibeam Sonar)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS Tides
GPS System: Trimble SPS 855 (RTK)
RTK Base Station: Ramp (2004)
Software Used: Hypack
Sounding Sort Distance: 20'
Field Books: R&H 4455
Survey No.: CT_38_GRW_20191008_CS_078
Reference NOAA Chart No.: 12367

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Project Remarks
Lidar data included with sounding data.

Water Level Information
Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is 4.10 feet. This correction is referenced from NOAA's V-Datum Model in the vicinity of Greenwich Harbor, Greenwich, Connecticut. NAVD88 is above MLLW, therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.

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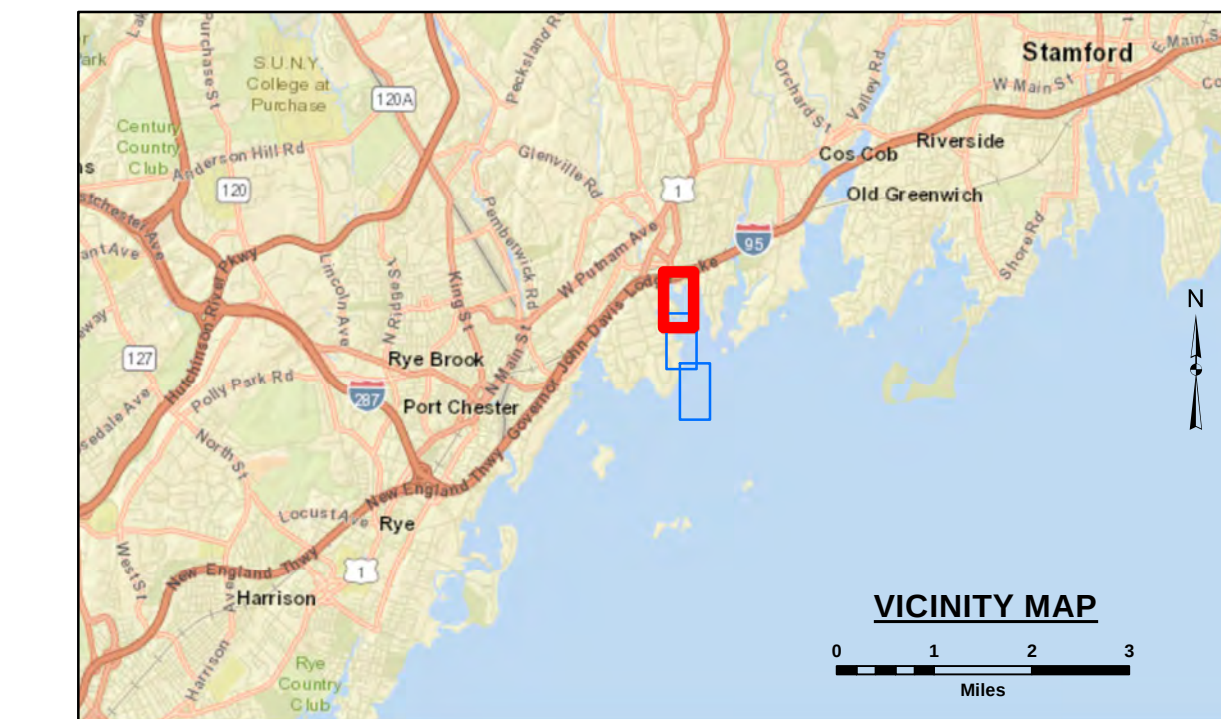
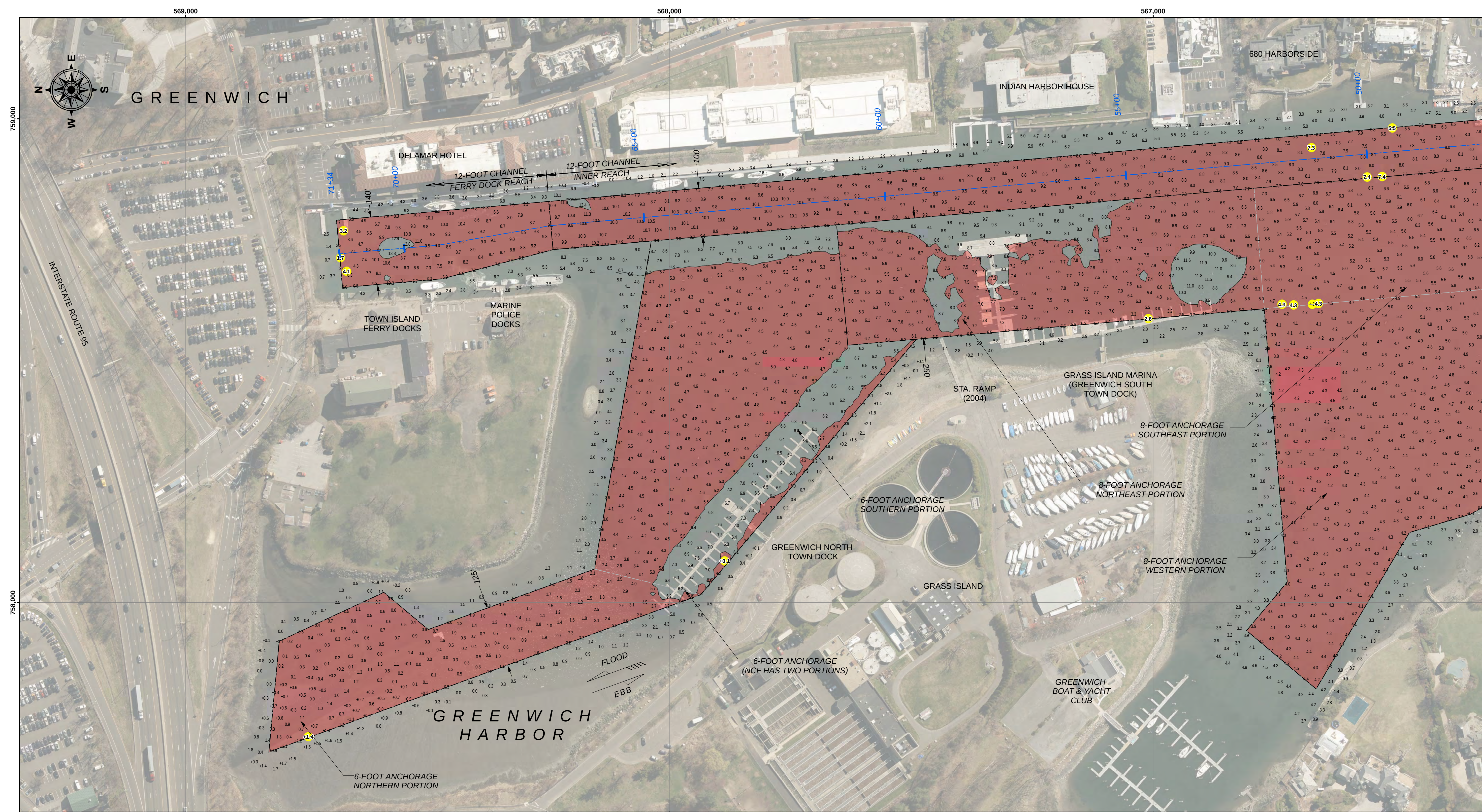
U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT		SURVEYED BY: MJV		CHECKED BY: ZSM		ISSUE DATE: 12/01/2019	
SUBMITTED BY: Zachary McAvoy		APPROVED BY: NAE Survey		MAP DOCUMENT CT_38_GRW_20191008_CS_078		SIZE ANSI D	

**GREENWICH HARBOR
GREENWICH, CONNECTICUT
CONDITION SURVEY
12-FOOT CHANNEL
6 AND 8-FOOT ANCHORAGES**

**SHEET
IDENTIFICATION
Greenwich Harbor**

Sheet 2 of 3

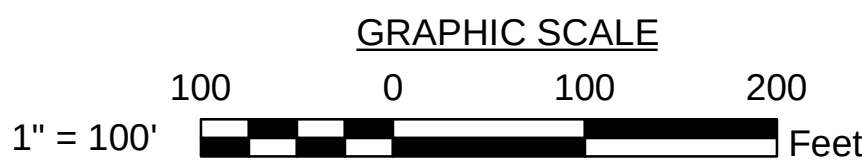
Revision Number: 4.1-20191005



LEGEND

- Federal Navigation Channel
- Cable or Pipeline area
- - - Channel Center Line
- Contour Line
- ✕ Fixed Navigation Aids
- 🚩 Red Navigation Buoy
- 🟢 Green Navigation Buoy
- 🔴 Shoaling Area
- 🟡 Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach



Notes:

Horizontal Datum: Connecticut, CT-0600 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: CELESTIAL
Sonar System: R2 Sonic 2024 (Multibeam Sonar)
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Sounding Sort Distance: 20'
Field Books: R&H 4455
Survey No.: CT_38_GRW_20191008_CS_078
Reference NOAA Chart No.: 12367

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Project Remarks

Lidar data included with sounding data.

Water Level Information

Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is 4.10 feet. This correction is referenced from NOAA's V-Datum Model in the vicinity of Greenwich Harbor, Greenwich, Connecticut. NAVD88 is above MLLW, therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.



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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SUBMITTED BY: Zachary McWay	CHECKED BY: ZSM	ISSUE DATE: 12/07/2019
	APPROVED BY: NAE Survey	MAP DOCUMENT CT_38_GRW_20191008_CS_078	SIZE: ANSI D

GREENWICH HARBOR
GREENWICH, CONNECTICUT
CONDITION SURVEY
12-FOOT CHANNEL
6 AND 8-FOOT ANCHORAGES

SHEET
IDENTIFICATION
Greenwich Harbor