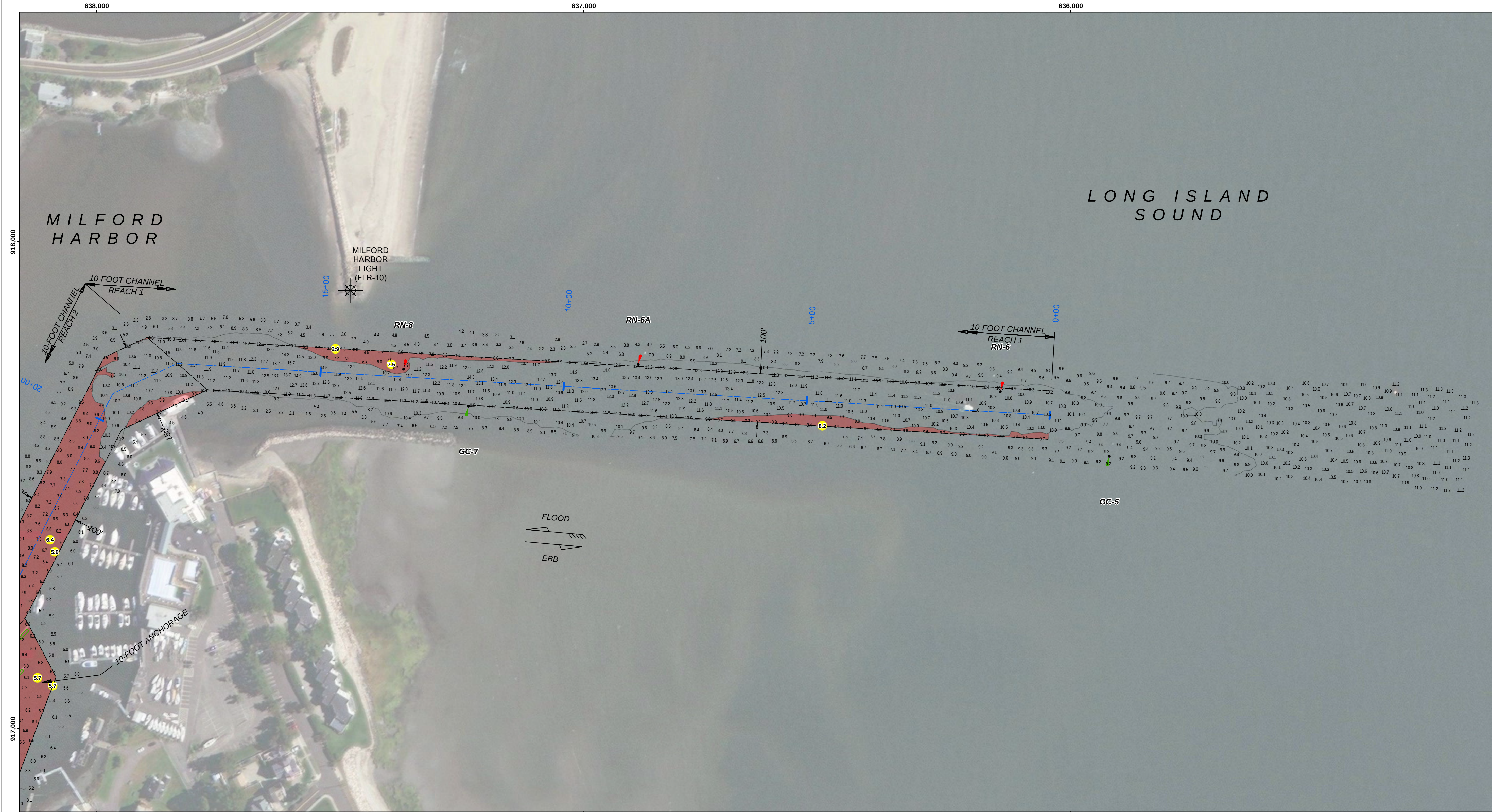




LEGEND

- Federal Navigation Channel
- Channel Center Line
- Cable or Pipeline Area
- Contour Line
- Marine Infrastructure*
- Fixed Navigation Aids
- Red Navigation Buoy
- Green Navigation Buoy
- Shoaling Area
- Shoalest Sounding**

GRAPHIC SCALE
1" = 100'

** Shoalest Sounding per Quarter per Reach
* Present at time of survey

Notes:
Horizontal Datum: Connecticut, CT-0600
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Celestial
Sonar System: R2 Sonic 2024 (Multibeam System)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS TIDES
GPS System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 20'
Field Books: R&H 4250
Survey No.: CT_23_MIL_20200320_CS_026
Reference NOAA Chart No.: 12370

General Notes
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Project Remarks
Marine infrastructure within federal navigation project limits, infrastructure surveyed with Lidar.

Water Level Information
Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is 3.64 feet. This correction is referenced from NOAA's V-Datum Model V-Datum Model Version 3.9, NY/CT/RI Region Version 2.2 in the vicinity of Milford Harbor, Milford, 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. The average range of tide is 6.3 feet.

US Army Corps of Engineers
District: CENAE

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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT		SURVEYED BY: MAV		CHECKED BY: ZSM		ISSUE DATE: 4/23/2020	
SUBMITTED BY: Zachary McAvoy		APPROVED BY: NAE Survey		MAP DOCUMENT CT_23_MIL_20200320_CS_026		SIZE ANSI D	

MILFORD HARBOR
MILFORD, CONNECTICUT
CONDITION SURVEY

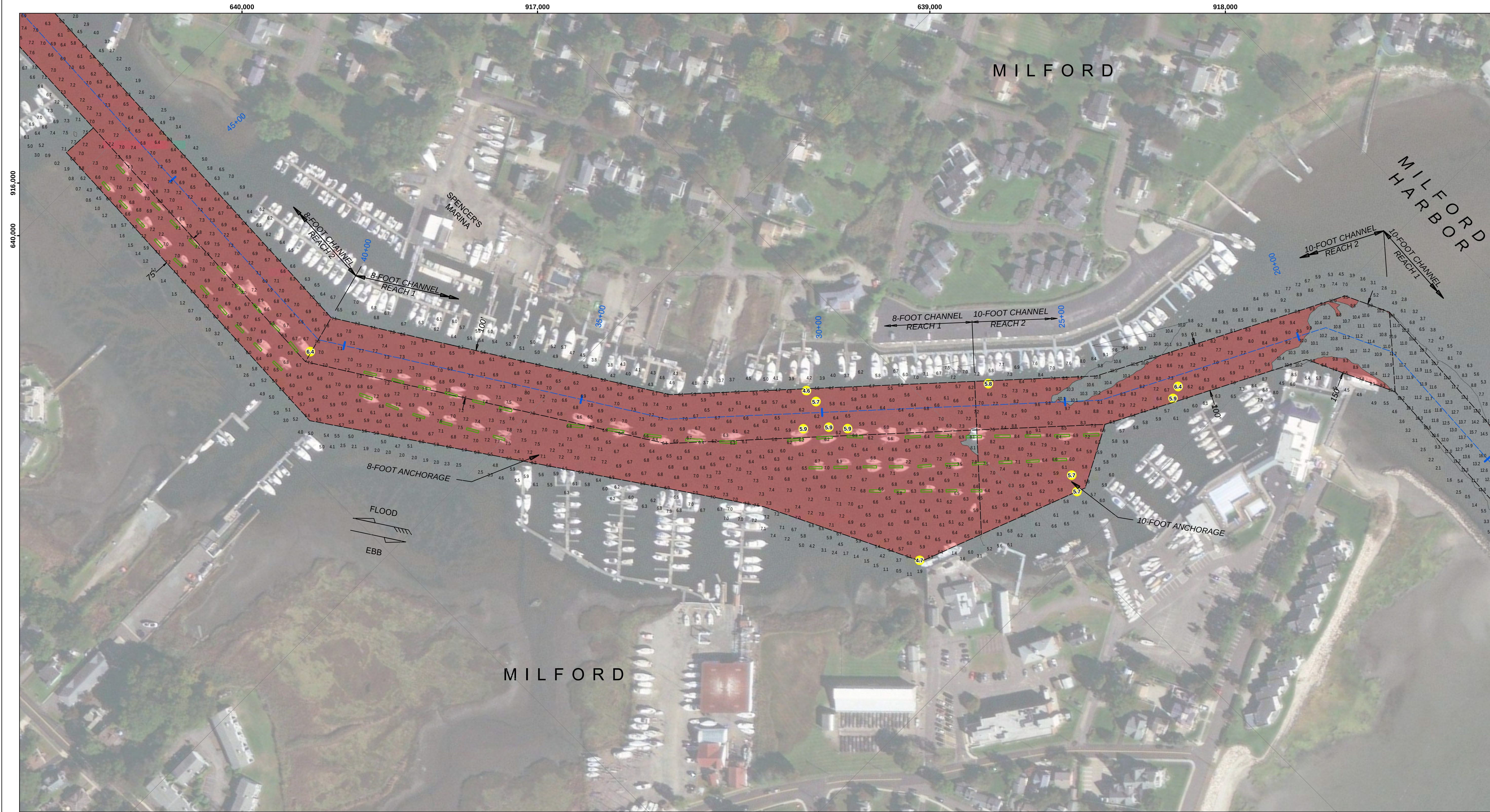
8 AND 10-FOOT CHANNELS
AND ANCHORAGES

File Name: CT_23_MIL_20200320_CS_026

SHEET IDENTIFICATION
Milford Harbor

Sheet 1 of 3

Revision Number: 4.1-20191105



LEGEND

Federal Navigation Channel

Channel Center Line

Cable or Pipeline Area

—

Contour Line

—

Marine Infrastructure*

✱

Fixed Navigation Aids

●

Red Navigation Buoy

●

Green Navigation Buoy

■

Shoaling Area

●

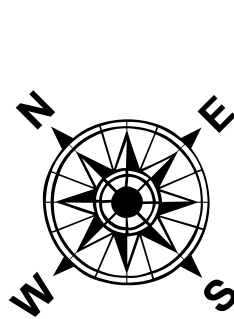
Shoalest Sounding**

GRAPHIC SCALE

1" = 100'

100 0 100 200 Feet

** Shoalest Sounding per Quarter per Reach
* Present at time of survey



Notes:
Horizontal Datum: Connecticut, CT-0600
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Depth Units: U.S. Survey Feet
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Survey No.: CT_23_MIL_20200320_CS_026
Reference NOAA Chart No.: 12370

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**MILFORD HARBOR
MILFORD, CONNECTICUT
CONDITION SURVEY**

**8 AND 10-FOOT CHANNELS
AND ANCHORAGES**

**SHEET
IDENTIFICATION
Milford Harbor**

Sheet 2 of 3

File Name: CT_23_MIL_20200320_CS_026



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	APPROVED BY: NAE Survey		
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Revision Number: 4.1-20191105



LEGEND

- Federal Navigation Channel
- - - Channel Center Line
- Cable or Pipeline Area
- Contour Line
- Marine Infrastructure*
- ✕ Fixed Navigation Aids
- 📍 Red Navigation Buoy
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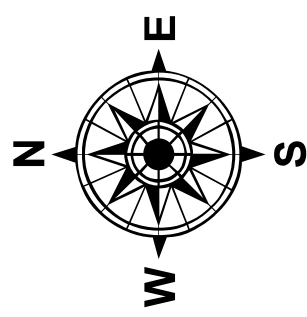
GRAPHIC SCALE

1" = 100'

100 0 100 200 Feet

Notes:

** Shoalest Sounding per Quarter per Reach
* Present at time of survey



Notes:
Horizontal Datum: Connecticut, CT-0600
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Celestial
Sonar System: R2 Sonic 2024 (Multibeam System)
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**MILFORD HARBOR, CONNECTICUT
CONDITION SURVEY**

**8 AND 10-FOOT CHANNELS
AND ANCHORAGES**

SHEET IDENTIFICATION
Milford Harbor

Sheet 3 of 3

File Name: CT_23_MIL_20200320_CS_026

Revision Number: 4.1-20191105

US Army Corps of Engineers
District: CENAE

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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT		SURVEYED BY: MJV	
SUBMITTED BY: Zachary McAvoy		CHECKED BY: ZSM	
APPROVED BY: NAE Survey		ISSUE DATE: CT_23_MIL_20200320_CS_026	
SIZE: ANSI D	MAP DOCUMENT: CT_23_MIL_20200320_CS_026		