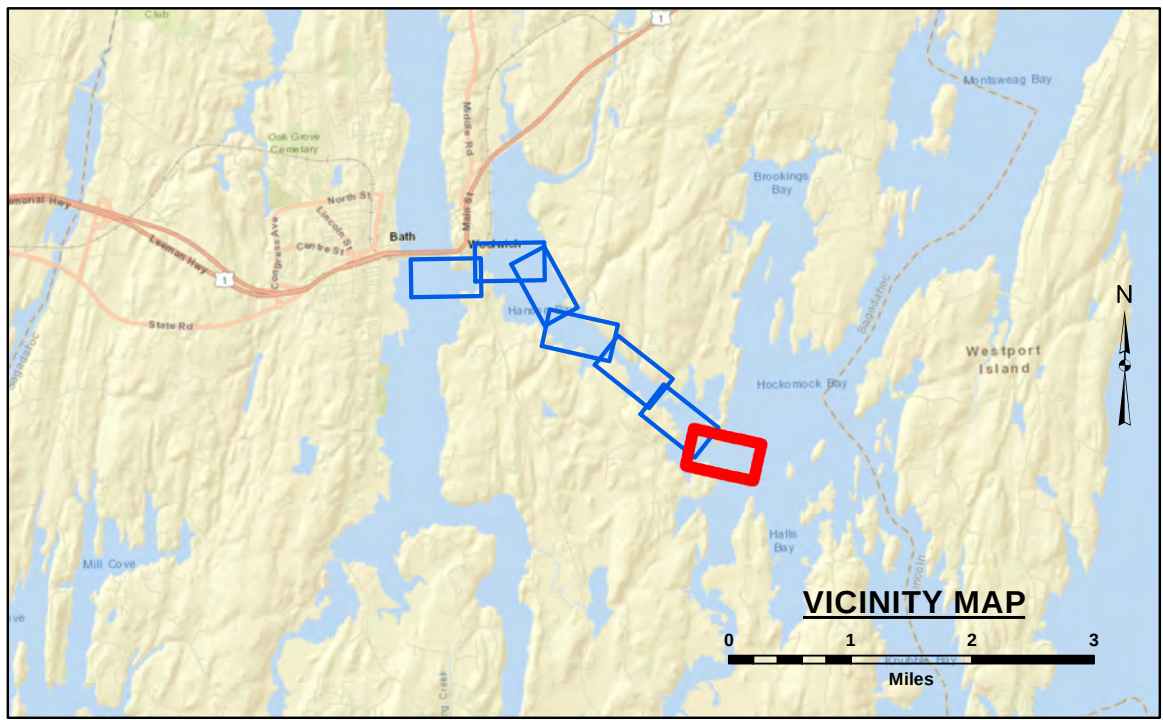
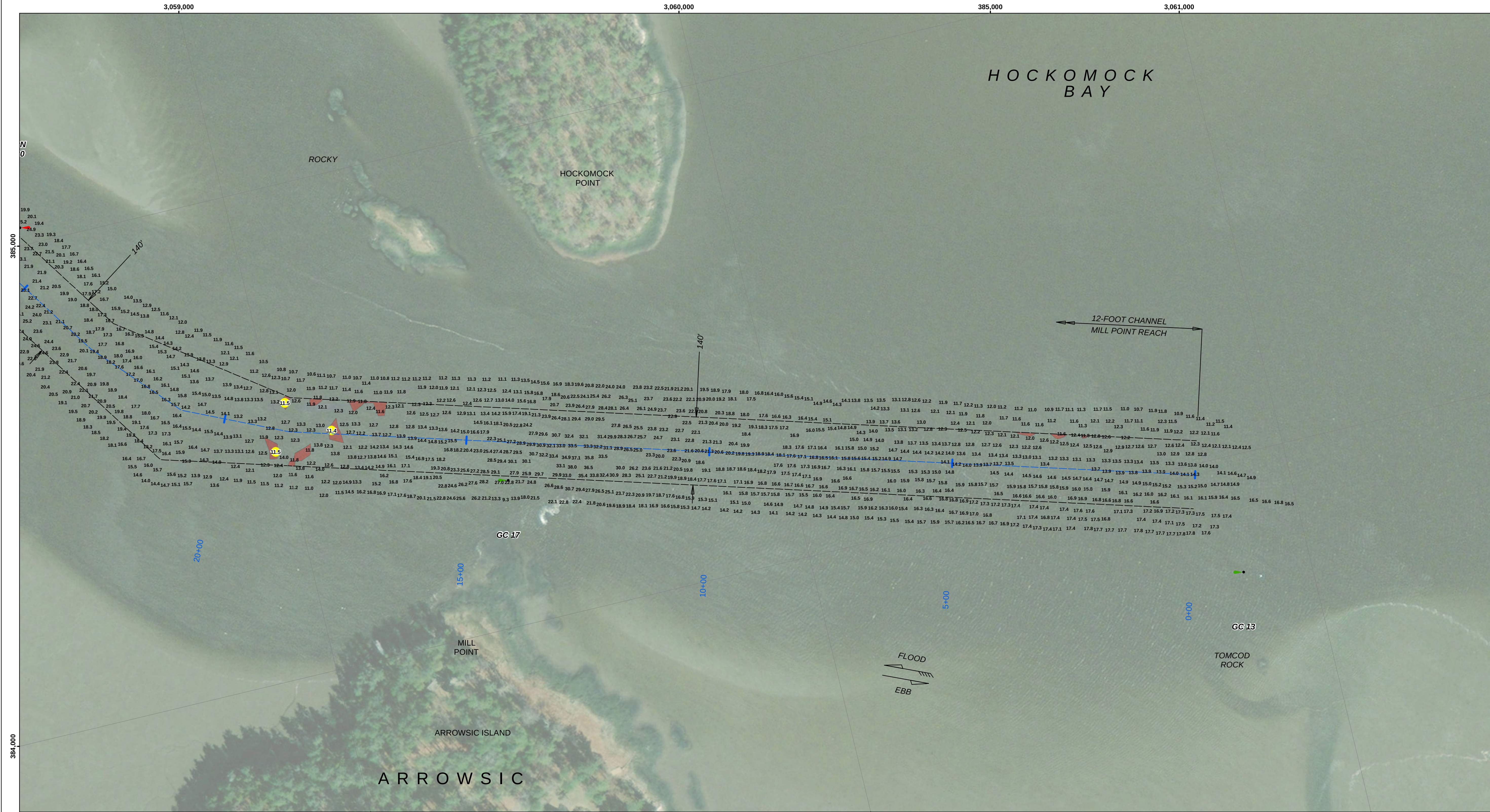




LEGEND

--- Federal Navigation Channel

..... Cable or Pipeline area

- - - Channel Center Line

— Marine Infrastructure*

— Contour Line

✕ Fixed Navigation Aids

⊗ Obstruction Point

🚩 Red Navigation Buoy

🟢 Green Navigation Buoy

🔴 Shoaling Area

● Shoalest Sounding**

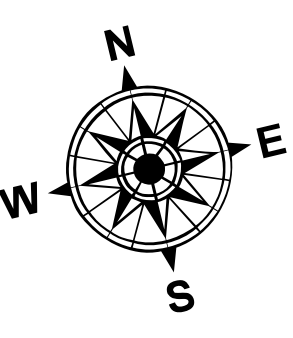
** Shoalest Sounding per Quarter per Reach

* Present at Time of Hydrographic Survey

GRAPHIC SCALE

1" = 100'

0 100 200 Feet



Notes:

Horizontal Datum: Maine West, ME-1802 NAD 83

Distance Units: U.S. Survey Feet

Vertical Datum: MLLW

Depth Units: U.S. Survey Feet

Vessel Name: Popham Beach

Sonar System: ODOM MK 3 (Singlebeam Sonar)

Sounding Frequency: 200 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 4544

Survey No.: ME_52_SAS_20200717_CS_043

Reference NOAA Chart No.: 13296

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

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Project Remarks

NONE

Water Level Information

Tides were recorded using RTK GPS. The MLLW to NAVD88 corrections for this project range from 4.35 feet to 5.06 feet. These corrections are referenced from NOAA's V-Datum Model Version 3.9, ME/NH/MA Region Version 1.3, in the vicinity of Sasanoa River, Woolwich to Bath, 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.



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SUBMITTED BY: Zachary McAvoy		CHECKED BY: ZSM	
APPROVED BY: NAE Survey		ISSUE DATE: 7/22/2020	
SIZE: A151 D	MAP DOCUMENT: ME_52_SAS_20200717_CS_043		

**SASANOA RIVER
WOOLWICH, MAINE
CONDITION SURVEY**

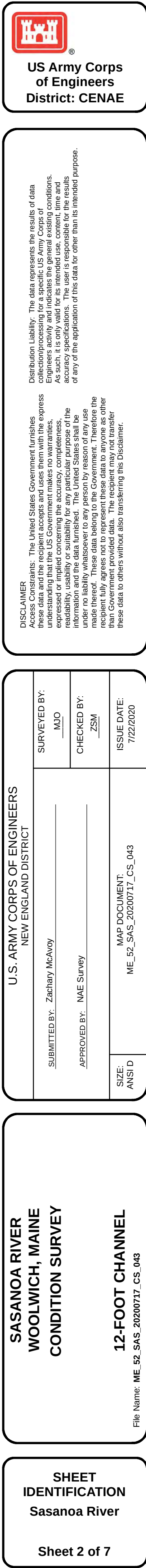
12-FOOT CHANNEL

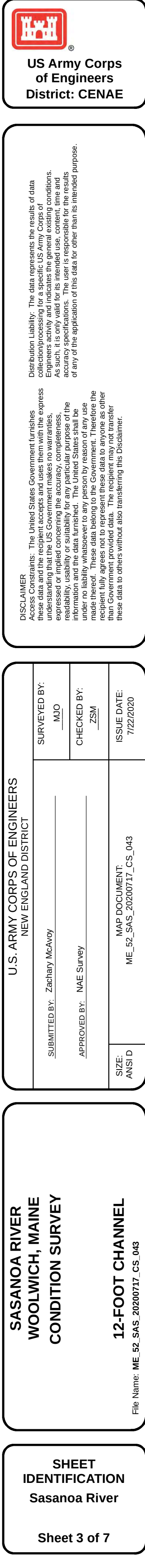
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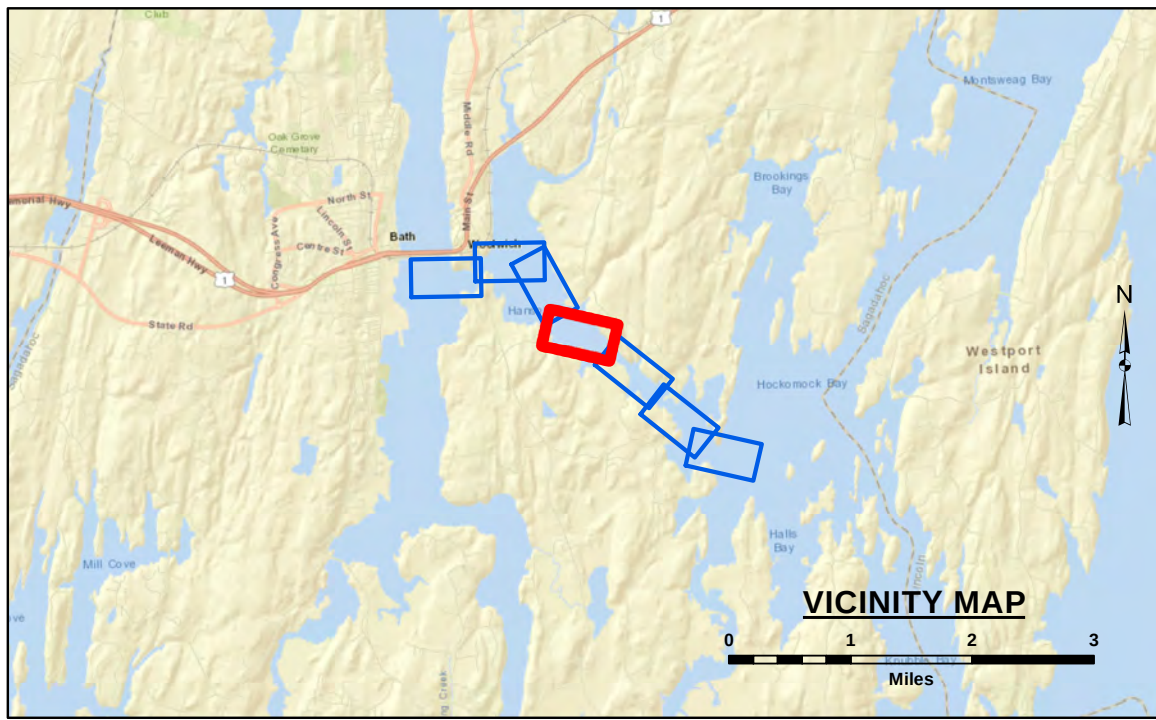
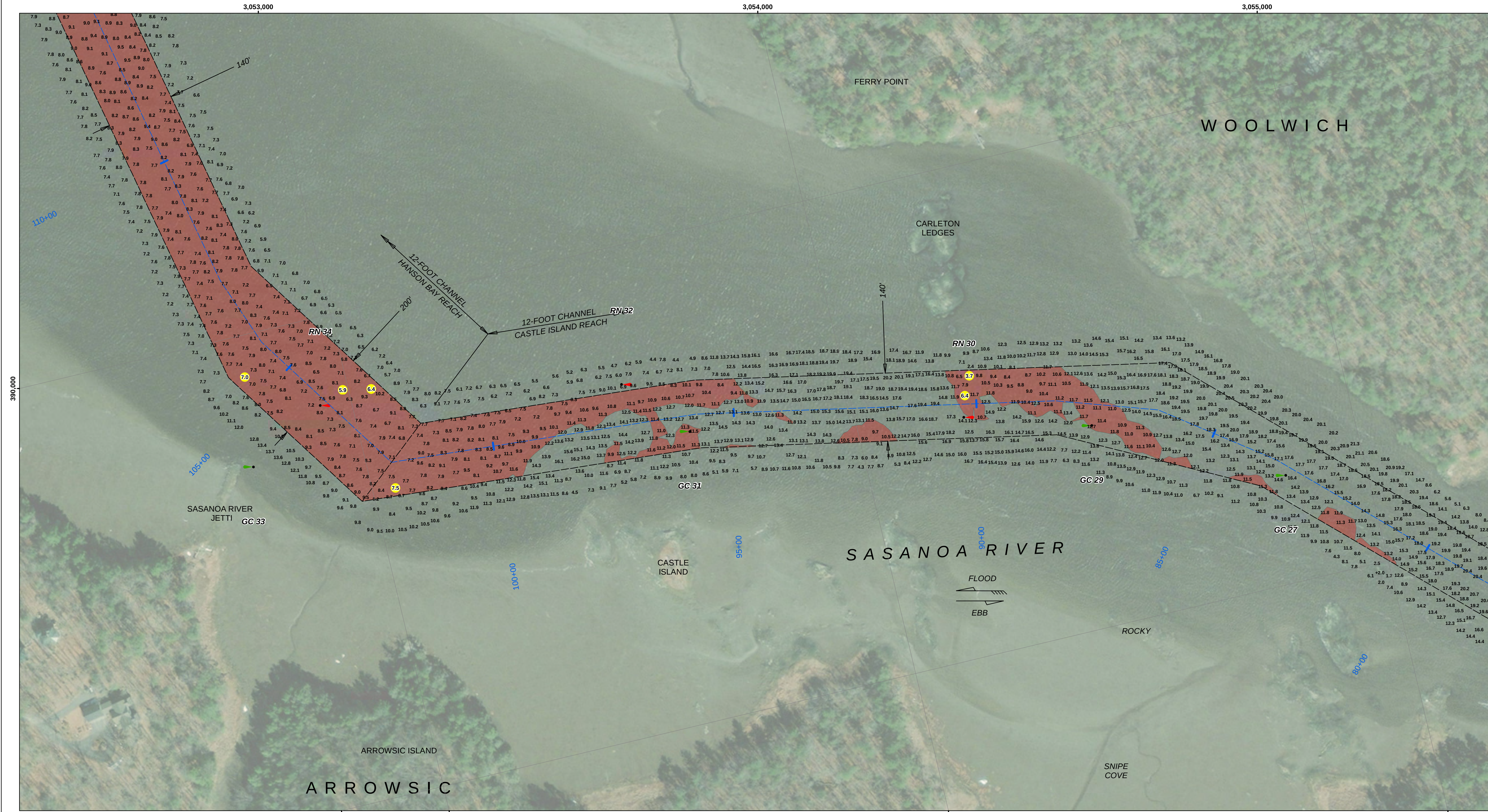
**SHEET
IDENTIFICATION**

Sasanoa River

Sheet 1 of 7







LEGEND

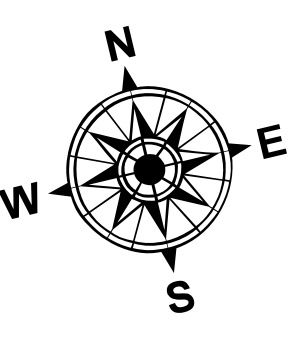
- Federal Navigation Channel
- Cable or Pipeline area
- - - Channel Center Line
- Marine Infrastructure*
- Contour Line
- ✕ Fixed Navigation Aids
- ⊗ Obstruction Point
- 🚩 Red Navigation Buoy
- 🟢 Green Navigation Buoy
- 🔴 Shoaling Area
- Shoalest Sounding**

GRAPHIC SCALE

1" = 100'

100 0 100 200 Feet

** Shoalest Sounding per Quarter per Reach
* Present at Time of Hydrographic Survey



Notes:
Horizontal Datum: Maine West, ME-1802 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Popham Beach
Sonar System: ODOM MK 3 (Singlebeam Sonar)
Sounding Frequency: 200 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 4544
Survey No.: ME_52_SAS_20200717_CS_043
Reference NOAA Chart No.: 13296

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Project Remarks
NONE

Water Level Information
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	SUBMITTED BY: Zachary McAvoy	APPROVED BY: NAE Survey	MAP DOCUMENT ME_52_SAS_20200717_CS_043
SIZE: A1/S1 D			

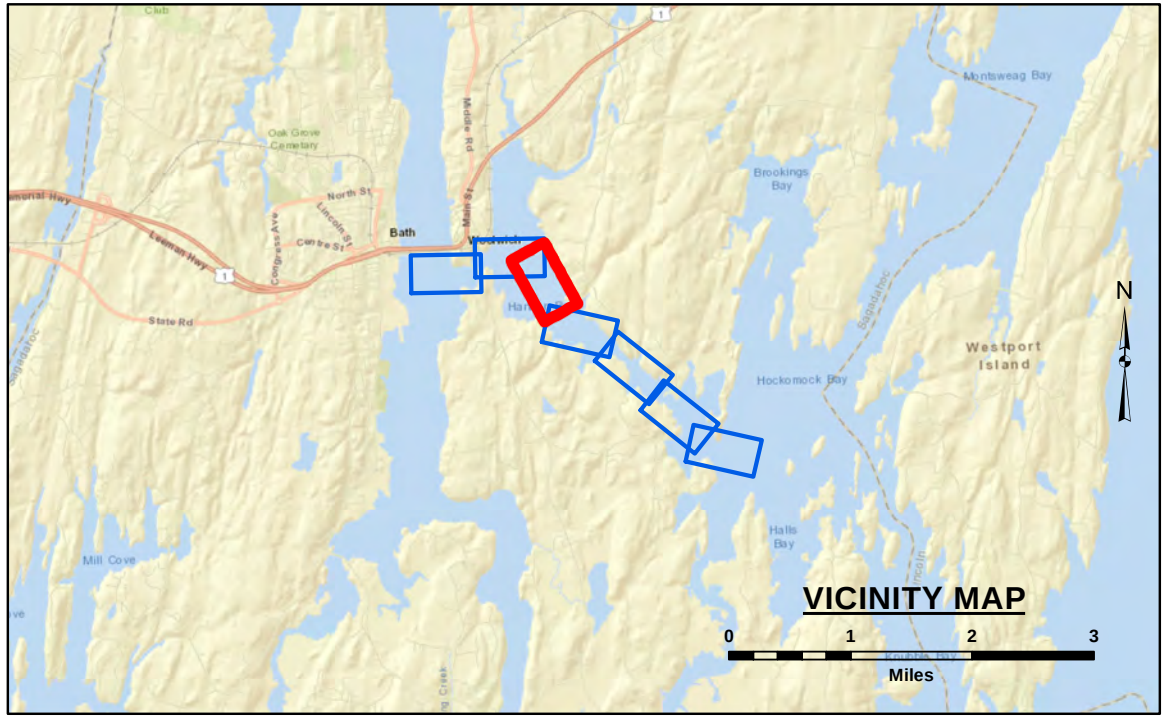
**SASANOA RIVER
WOOLWICH, MAINE
CONDITION SURVEY**

12-FOOT CHANNEL

File Name: ME_52_SAS_20200717_CS_043

**SHEET
IDENTIFICATION**
Sasanoa River

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LEGEND

--- Federal Navigation Channel

..... Cable or Pipeline area

- - - Channel Center Line

— Marine Infrastructure*

— Contour Line

✂ Fixed Navigation Aids

⊗ Obstruction Point

🚩 Red Navigation Buoy

🟢 Green Navigation Buoy

🔴 Shoaling Area

● Shoalest Sounding**

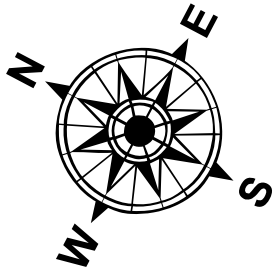
** Shoalest Sounding per Quarter per Reach

* Present at Time of Hydrographic Survey

GRAPHIC SCALE

1" = 100'

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Notes:

Horizontal Datum: Maine West, ME-1802 NAD 83

Distance Units: U.S. Survey Feet

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Depth Units: U.S. Survey Feet

Vessel Name: Popham Beach

Sonar System: ODOM MK 3 (Singlebeam Sonar)

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US Army Corps of Engineers

District: CENAE

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**SASANOA RIVER
WOOLWICH, MAINE
CONDITION SURVEY**

File Name: ME_52_SAS_20200717_CS_043

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Sasanoa River

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