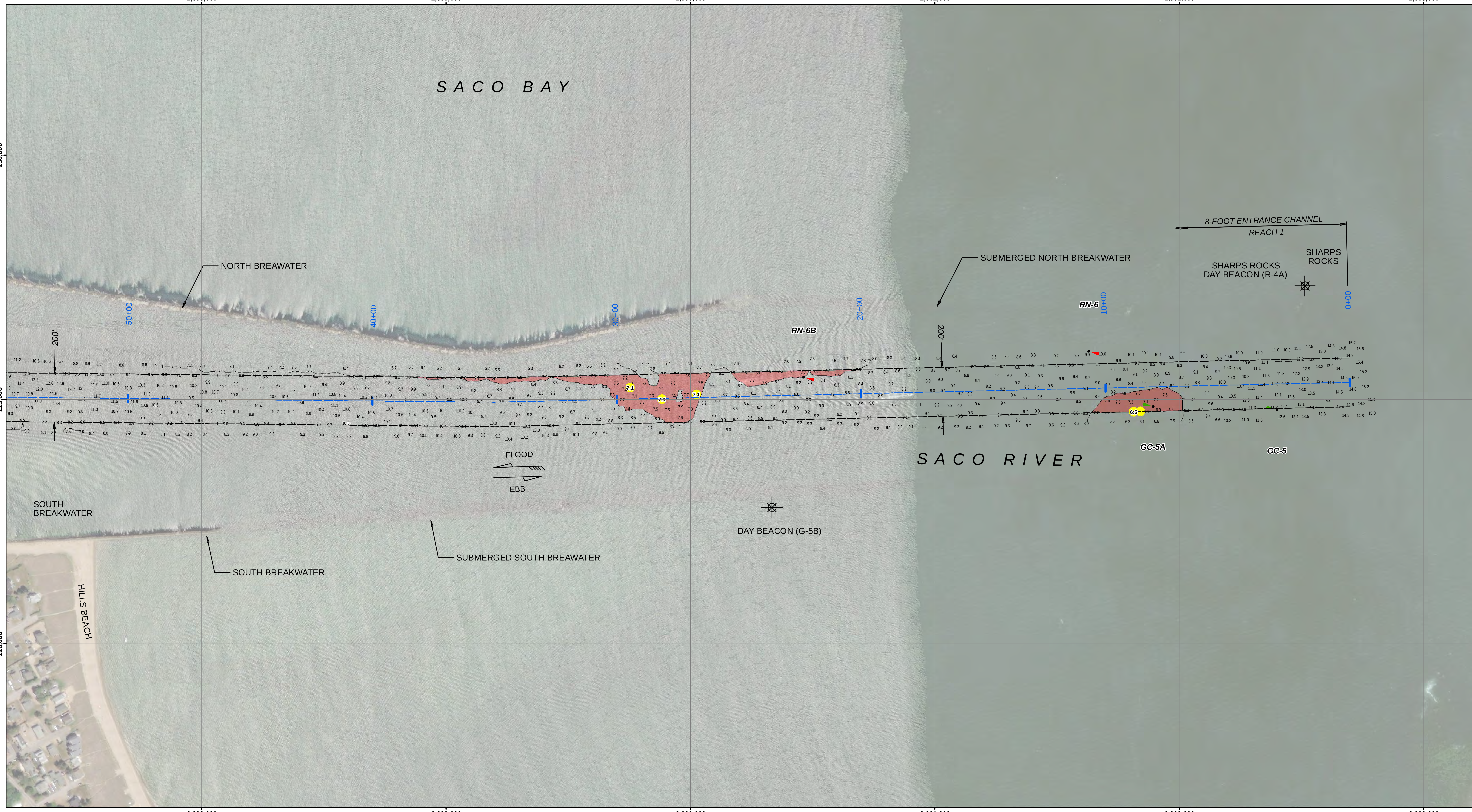
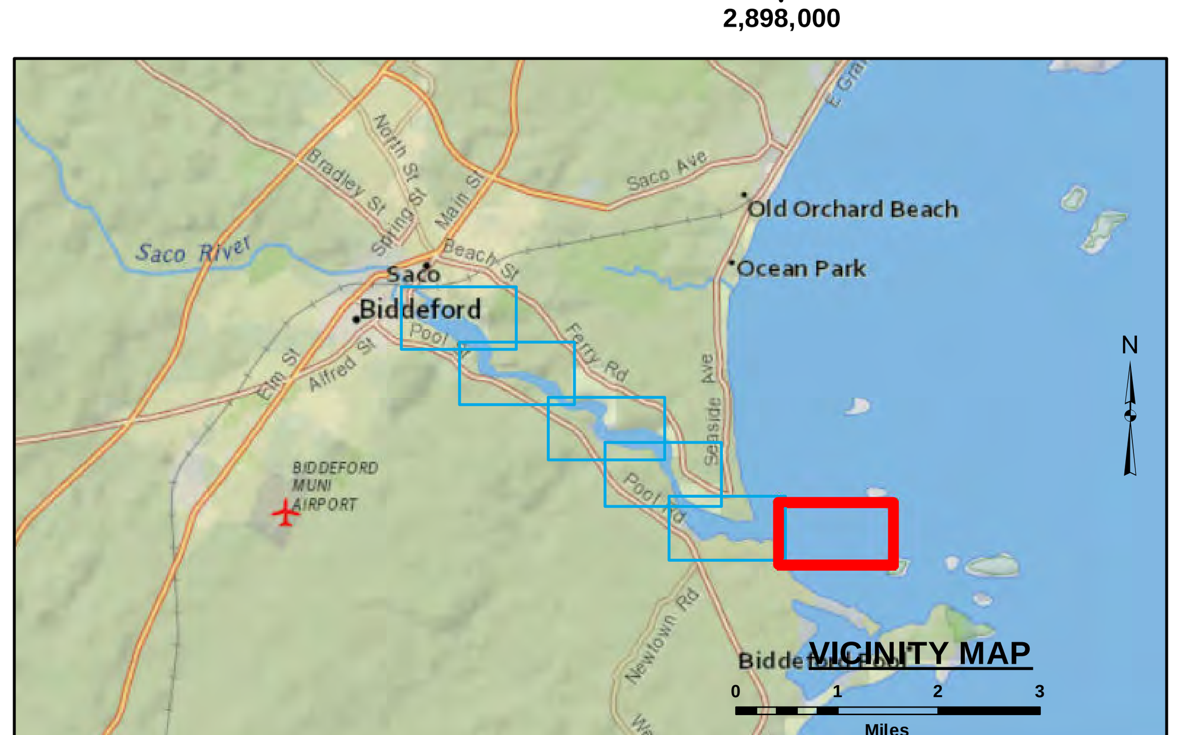
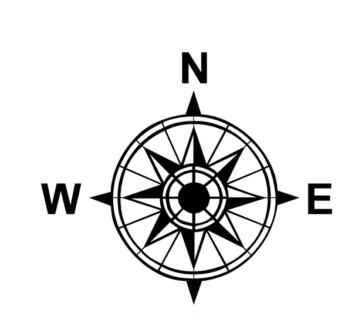




LEGEND

- 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**

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



GRAPHIC SCALE

200 0 200 400 Feet

1" = 200'

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: 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: TBM New Bay (2012)
Software Used: Hypack
Sounding Sort Distance: 40'
Field Books: R&H 4508
Survey No.: ME_60_SAC_20210721_CS_032
Reference NOAA Chart No.: 13287

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

Federal navigation project not surveyed in its entirety.

Water Level Information

Tides were recorded using RTK GPS. The MLLW to NAVD88 correction used for this project is 5.37 feet. This correction is published by NOAA for bench marks at Camp Ellis, Saco River, Saco, Maine (Station ID 8418606, 4/21/2003).NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.

US Army Corps of Engineers
District: CENAE

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
SURVEYED BY: MJV
CHECKED BY: ZSM
ISSUE DATE: 7/30/2021
SIZE: ANSI D
MAP DOCUMENT: ME_60_SAC_20210721_CS_032

SACO RIVER
SACO AND BIDDEFORD, MAINE
CONDITION SURVEY

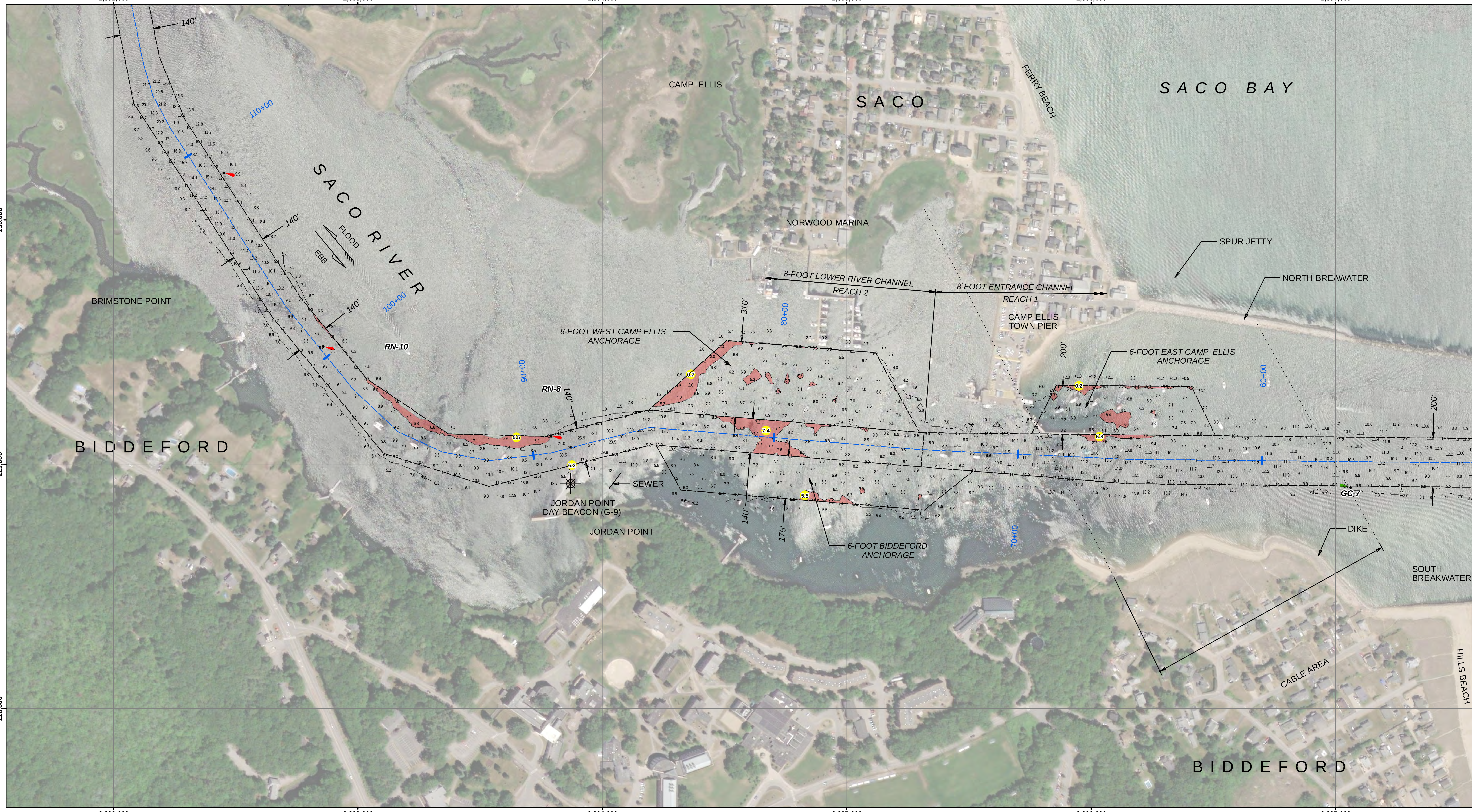
8-FOOT CHANNELS
6-FOOT ANCHORAGES

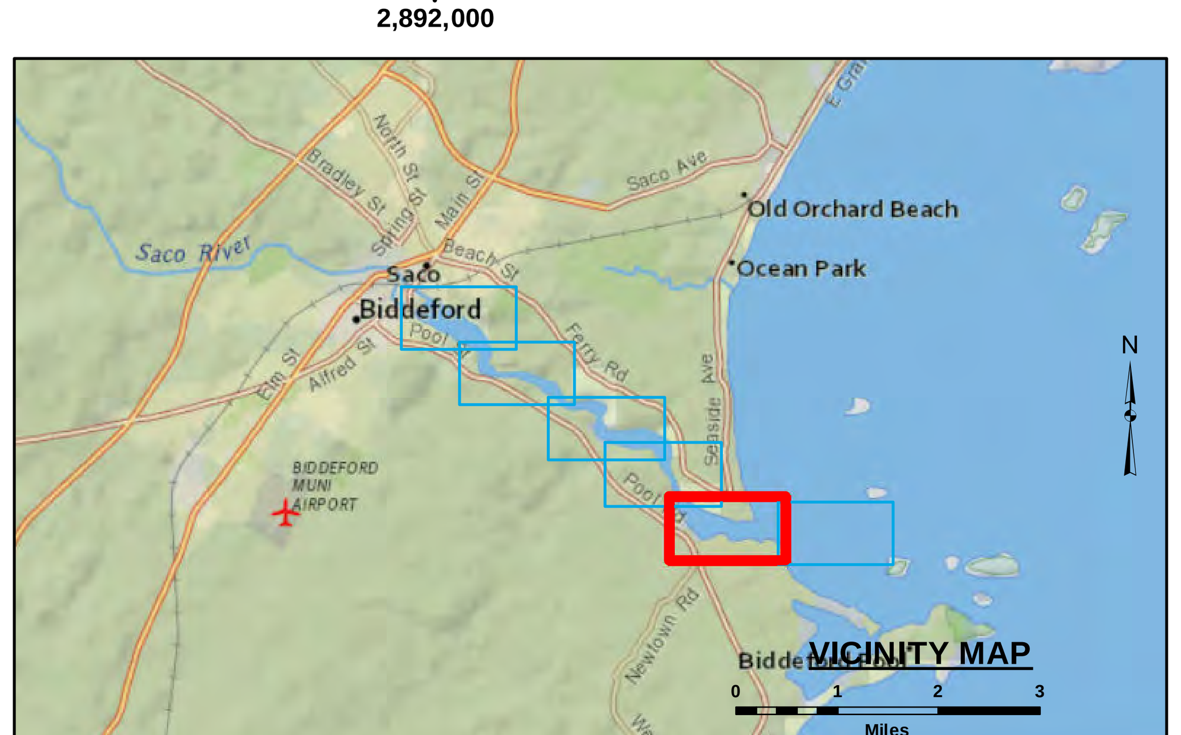
File Name: **ME_60_SAC_20210721_CS_032**

SHEET IDENTIFICATION
Saco River

Sheet 1 of 6

CORPS OF ENGINEERS U.S. ARMY





LEGEND

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

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

GRAPHIC SCALE

200 0 200 400

1" = 200' Feet

Notes:

Horizontal Datum: Maine West, ME-1802 NAD 83
Distance Units: U.S. Survey Feet
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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: TBM New Bay (2012)
Software Used: Hypack
Sounding Sort Distance: 40'
Field Books: R&H 4508
Survey No.: ME_60_SAC_20210721_CS_032
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US Army Corps of Engineers
District: CENAE

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: MJV
CHECKED BY: ZSM
ISSUE DATE: 7/30/2021
SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
MAP DOCUMENT: ME_60_SAC_20210721_CS_032
SIZE: ANSI D

SACO RIVER
SACO AND BIDDEFORD, MAINE
CONDITION SURVEY

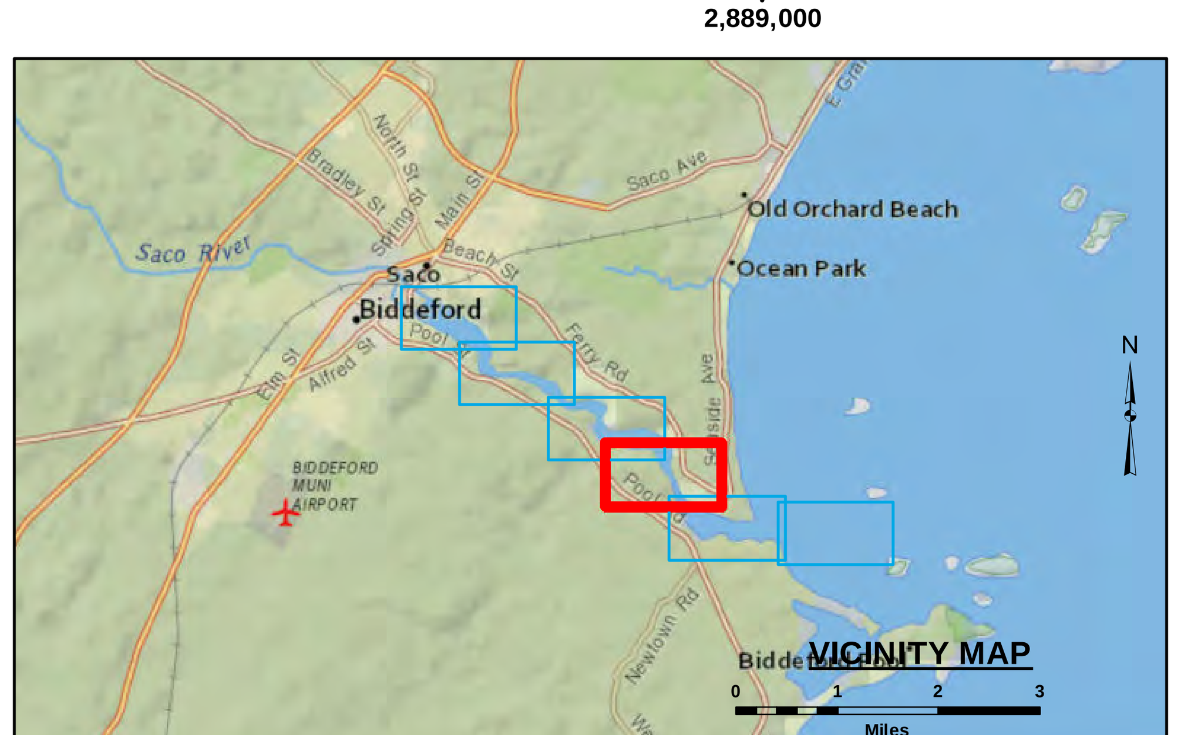
8-FOOT CHANNELS
6-FOOT ANCHORAGES

File Name: ME_60_SAC_20210721_CS_032

SHEET IDENTIFICATION
Saco River

Sheet 2 of 6

Revison Number: 4.2-20200420



LEGEND

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

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

GRAPHIC SCALE

200 0 200 400 Feet

1" = 200'

N W E S

Notes:

Horizontal Datum: Maine West, ME-1802 NAD 83
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SACO RIVER
SACO AND BIDDEFORD, MAINE
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