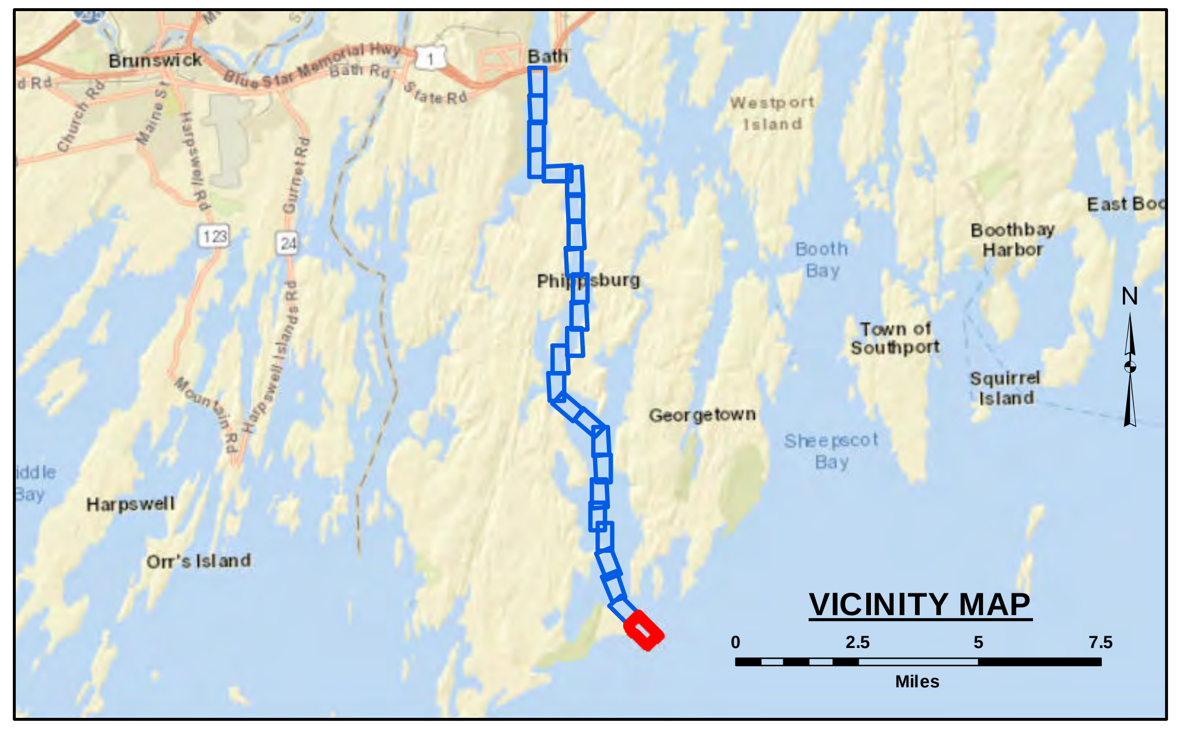
LEGEND

- - - 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
100 0 100 200
1" = 100' 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: Reson T50 (Multibeam 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 4541 & 4542
Survey No.: ME_47_KEN_20211103_CS_061
Reference NOAA Chart No.: 13293 & 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 3.49 feet to 4.76 feet. A Hypack KTD file was created from corrections for this project that are established or published in the vicinity of NOAA bench marks at Hunniwell Point, Kennebec River(Station ID 8417177, 02/27/2006); Bath, Kennebec River (Station ID 8417227, 02/28/2006); Richmond, Kennebec River (Station ID 8417208, 02/27/2006). The corrections are 4.76 feet for Hunniwell Point, 3.49 feet for Bath and 2.14 feet for Richmond. The average range of tides is 8.4 feet at Hunniwell Point, 6.4 feet at Bath and 5.3 feet at Richmond. No tide gauges were used on this project.

US Army Corps
of Engineers
District: CENAE

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U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
SURVEYED BY: MJO
CHECKED BY: ZSM
ISSUE DATE: 11/19/2021
SIZE: ANSI D
MAP DOCUMENT: ME_47_KEN_20211103_CS_061

KENNEBEC RIVER
PHIPPSBURG TO BATH, MAINE
CONDITION SURVEY

27-FOOT CHANNEL

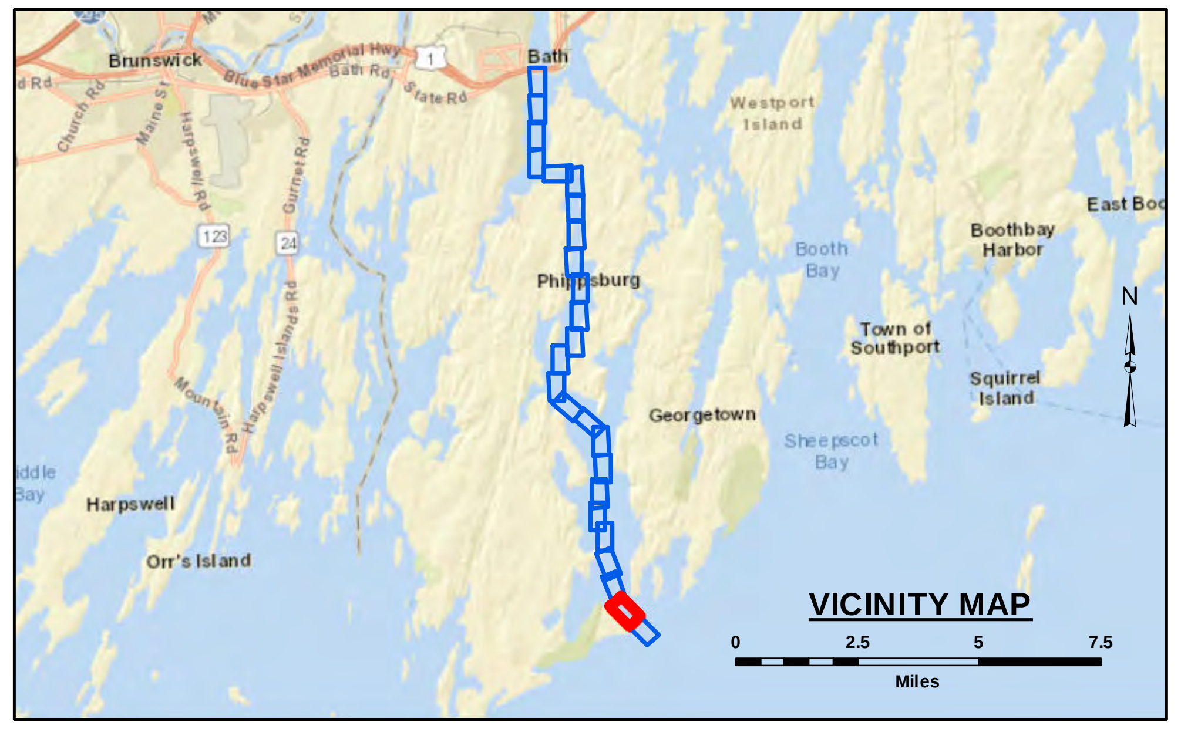
File Name: **ME_47_KEN_20211103_CS_061**

SHEET IDENTIFICATION
Kennebec River, Phippsburg to Bath
Sheet 1 of 25

Revison Number: 4.2-20200420

CORPS OF ENGINEERS

U.S. ARMY



VICINITY MAP

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

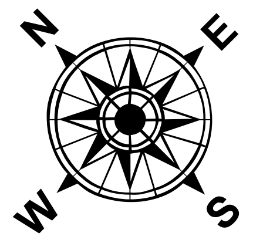
● Shoalest Sounding**

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

GRAPHIC SCALE

100 0 100 200

1" = 100' Feet



Notes:

Horizontal Datum: Maine West, ME-1802 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
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Field Books: R&H 4541 & 4542
Survey No.: ME_47_KEN_20211103_CS_061
Reference NOAA Chart No.: 13293 & 13296

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Project Remarks

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US Army Corps
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District: CENAE

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SURVEYED BY: MJO
CHECKED BY: ZSM
ISSUE DATE: 11/19/2021

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey

SIZE: ANSI D
MAP DOCUMENT: ME_47_KEN_20211103_CS_061

KENNEBEC RIVER
PHIPPSBURG TO BATH, MAINE
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File Name: ME_47_KEN_20211103_CS_061

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Kennebec River, Phippsburg to Bath
Sheet 2 of 25

Revison Number: 4.2-20200420