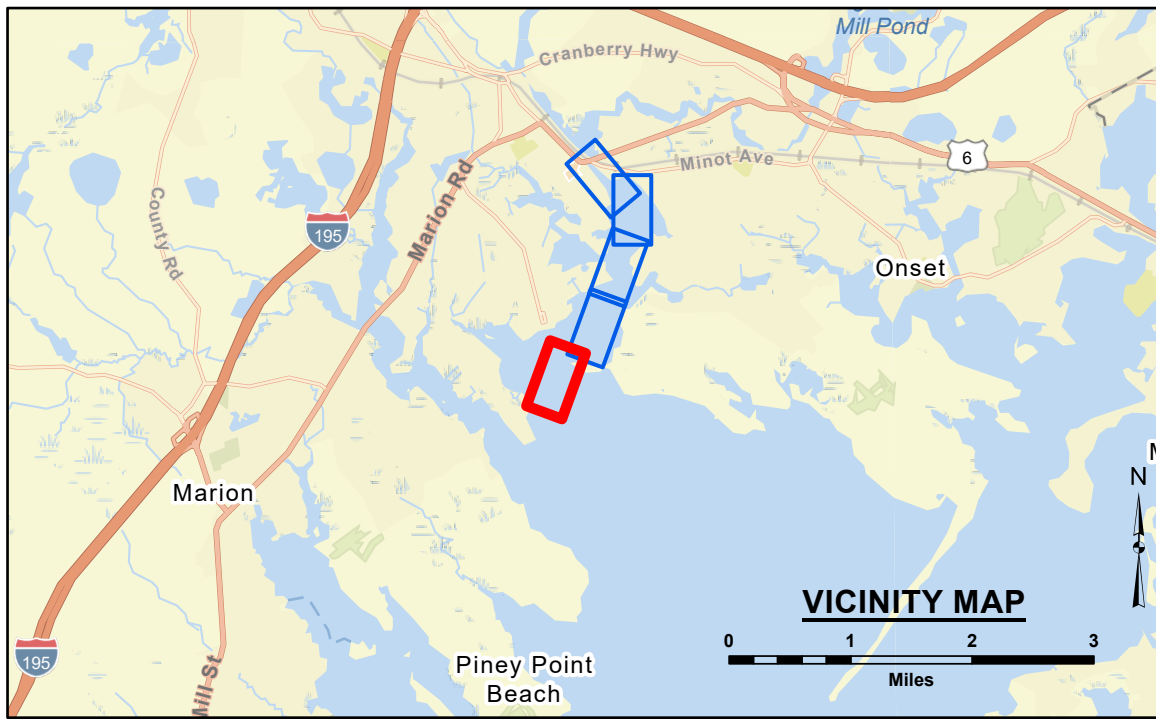




LEGEND

--- Federal Navigation Channel

..... Cable or Pipe Areas

- - - Channel Center Line

— Marine Infrastructure*

— Contour Line

⊗ Obstruction Point

⊗ 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

1" = 100'

100 0 100 200 Feet

Notes:
Horizontal Datum: Mass Mainland, MA-2001 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: SV Keegan
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 200-300 kHz
Survey Method: RTK GPS Tides
GPS System: Applanix POS MV (RTK)
RTK Base Station: TBM Tempest (2026)
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4987
Survey No.: MA_59_WAH_20260617_BD_037
Reference NOAA Chart No.: USSMA1HJ

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Project Remarks
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Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.38 feet to 2.41 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g. -10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps of Engineers
District: CENAE

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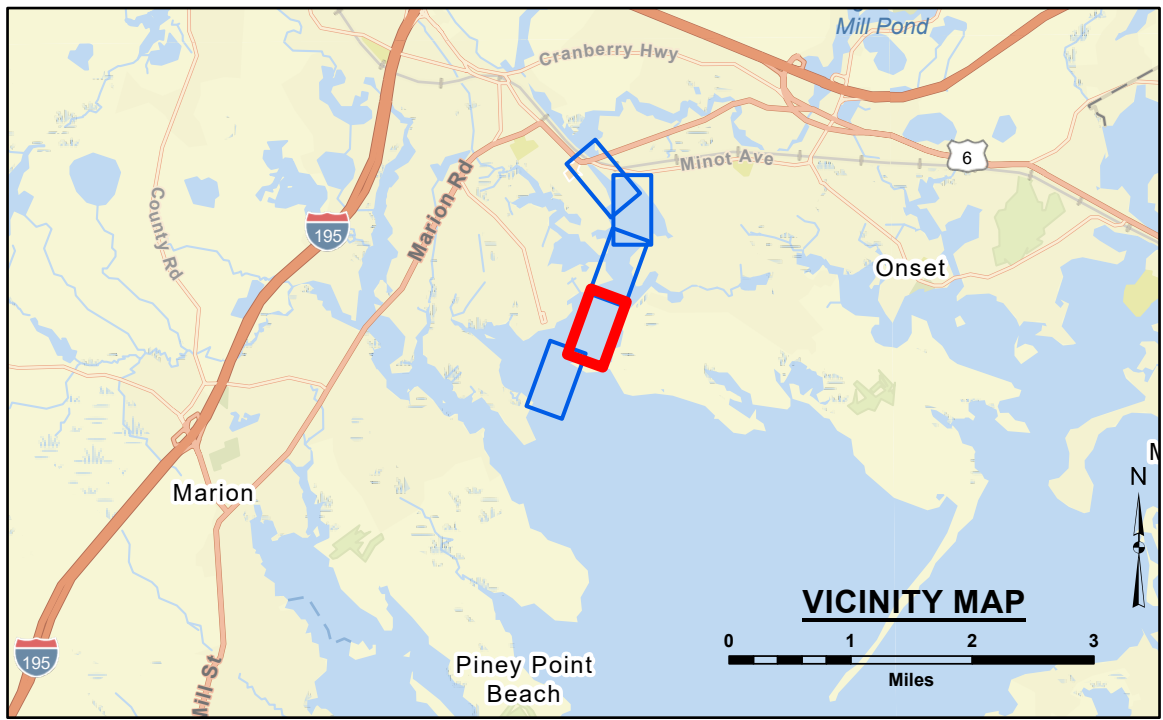
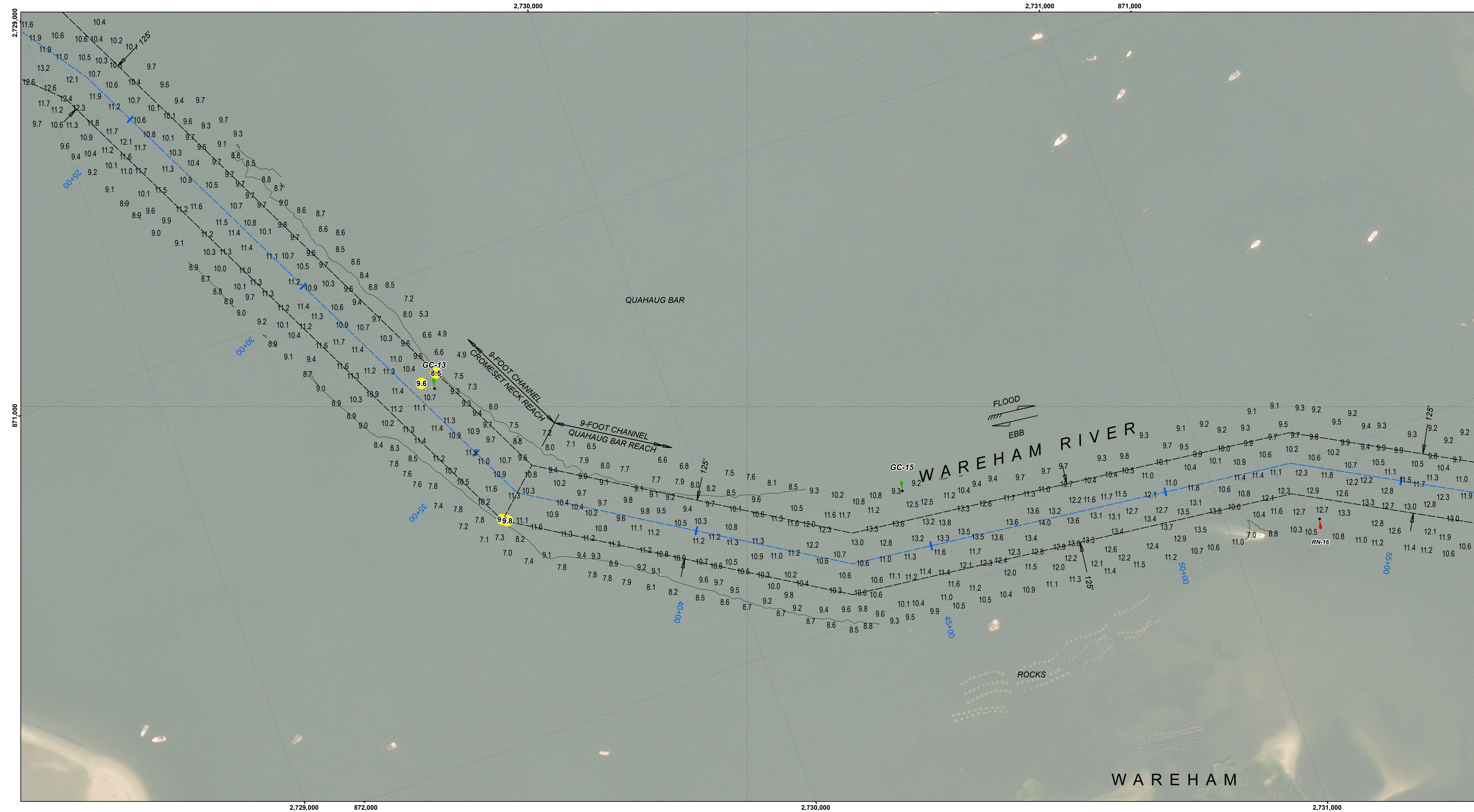
U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	
SUBMITTED BY: Zachary McAvoy	SURVEYED BY: NCD
APPROVED BY: NAE Survey	CHECKED BY: RD
SIZE A1 STD	ISSUE DATE: 6/25/2026
MAP DOCUMENT MA_59_WAH_20260617_BD_037	

WAREHAM HARBOR
WAREHAM, MASSACHUSETTS
PRE DREDGE SURVEY

SHEET IDENTIFICATION
Wareham Harbor

Sheet 1 of 5

Revision Number: 5.26.04.06-5.26.04.06



LEGEND

--- Federal Navigation Channel

..... Cable or Pipe Areas

- - - Channel Center Line

— Marine Infrastructure*

— Contour Line

⊗ Obstruction Point

⊗ Fixed Navigation Aids

! Red Navigation Buoy*

! Green Navigation Buoy*

■ Shoaling Area

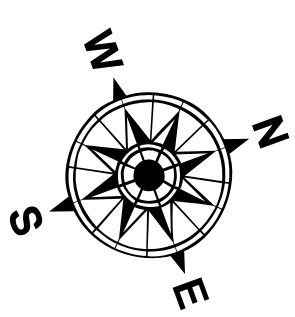
● Shoalest Sounding**

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

GRAPHIC SCALE

1" = 100'

100 0 100 200 Feet



Notes:
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Vertical Datum: MLLW
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US Army Corps of Engineers
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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT		SURVEYED BY: NCD		CHECKED BY: RD		ISSUE DATE: 6/25/2026	
SUBMITTED BY: Zachary McAvoy		APPROVED BY: NAE Survey		MAP DOCUMENT MA_59_WAH_20260617_BD_037		SIZE A1 STD	

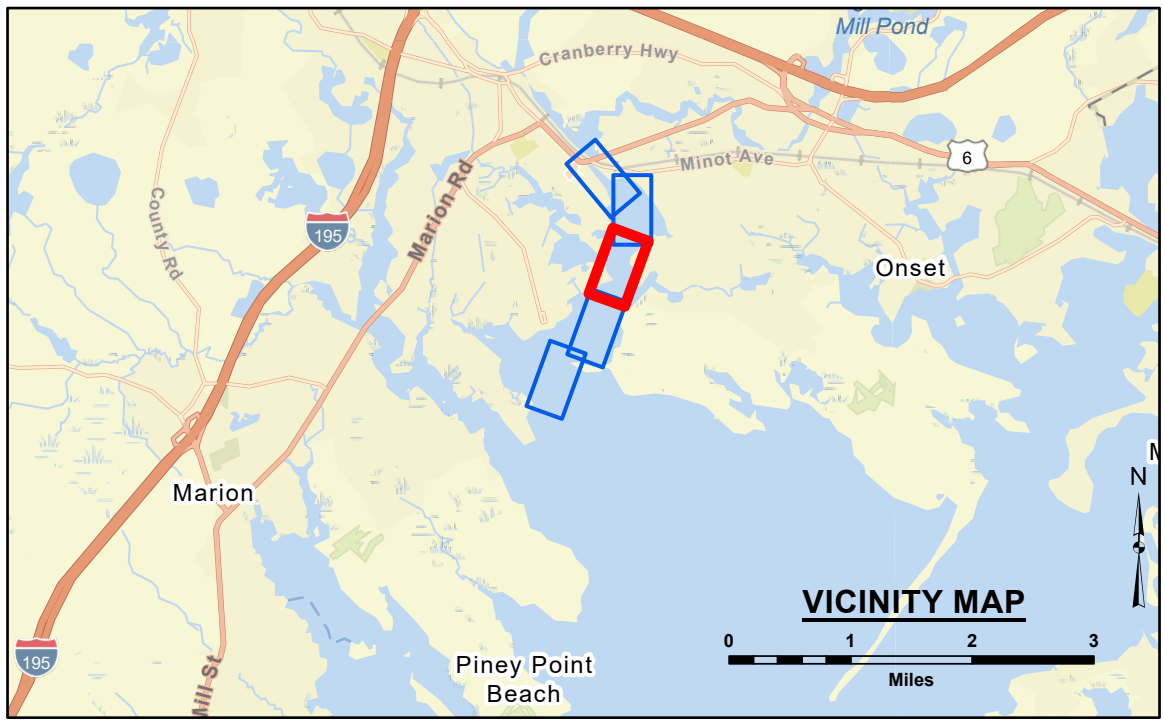
WAREHAM HARBOR
WAREHAM, MASSACHUSETTS
PRE DREDGE SURVEY

9-FOOT CHANNEL
WAREHAM HARBOR

File Name: MA_59_WAH_20260617_BD_037

SHEET IDENTIFICATION
Wareham Harbor

Sheet 2 of 5



LEGEND

--- Federal Navigation Channel

..... Cable or Pipe Areas

- - - Channel Center Line

— Marine Infrastructure*

— Contour Line

⊗ Obstruction Point

⊗ Fixed Navigation Aids

! Red Navigation Buoy*

! Green Navigation Buoy*

■ Shoaling Area

● Shoalest Sounding**

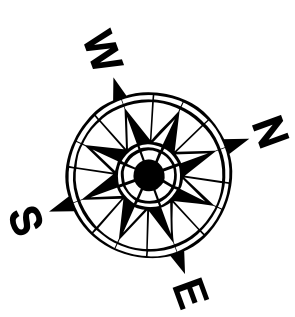
*** Shoalest Sounding per Quarter per Reach

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SUBMITTED BY: Zachary McAvoy	SURVEYED BY: NCD	CHECKED BY: RD	ISSUE DATE: 6/25/2026
APPROVED BY: NAE Survey		SIZE: A1 STD	

WAREHAM HARBOR
WAREHAM, MASSACHUSETTS
PRE DREDGE SURVEY

9-FOOT CHANNEL
File Name: MA_59_WAH_20260617_BD_037

SHEET IDENTIFICATION
Wareham Harbor

Sheet 3 of 5

