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ĬĸĬ US Army Corps of Engineers **District: CENAE 40-FOOT CHANNEL** OUTER REACH 38.4 38.4 38.4 38.5 38.6 38.6 39.0 <sup>39</sup> 38.8 39.2 39.2 39.3 +39.2 39.5 FL R-2 the exit 40.5 40.8 FL G-1 40.4 42.3 41.7 43.3 40.6 40.3 39.1 39.4 39.6 39.2 39.2 38.8 <sup>38.5</sup> 39.5 39.8 39.6 <sup>39.6</sup> N HARBOR TON, CONNECTICUT ANA О Q NEW LONDON HAR LONDON AND GROTON, ΗA S NOI A G A N 669,000 Water Level Information The MLLW to NAVD88 corrections for this project range from 1.84 feet to 1.86 feet. These corrections are referenced from NOAA's V-Datum **N** Model Version 3.9, NY/CT/RI Region Version 2.2, in the vicinity of New London Harbor, New London and Groton, Connecticut. NAVD88 is א **⊢** א above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project. 3 5,1 SHEET IDENTIFICATION New London Harbor

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LONG ISLAND SOUND 38.2 38.0 38.0 38.2 41.7 42.5 42.6 43.0 42.2 41.8 42.2 42.0 41.9 41.9 41.7 43.0 43.0 43.2 43.0 42.3 41.2 41.8 41.8 42.3 41.8 42.0 42.4 42.6 42.9 42.7 42.7 42.1 41.1 41.5 42.4 38.1 38.3 38.4 37.6 38.3 38.4 35.9 37.2 37.5 36.2 36.4 34.1 34.7 33.3 33.4 37.8 38.2 33.0 33.4 33.2 33.3 36.8 37.0 37.3 34.3 34.5 35.3 35.5 35.4 34.2 34.7 35.3 35.5 35.4 35.4 5.0 36.0 36.1 36.2 38.5 
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37.4 33.2 33.2 33.5 33.7 33.4 33.5 33.7 33.8 34.1 FLOOD EBB 671,000 670,000 General Notes Notes: The sounding information shown on this map represents the Horizontal Datum: Connecticut, CT-0600 NAD 83 SHOALEST soundings of those obtained from hydrographic surveys Distance Units: U.S. Survey Feet conducted during May 2019. The sounding information depicted on this Vertical Datum: MLLW map represents the results of surveys made on the dates indicated, and Depth Units: U.S. Survey Feet can only be considered as indicating the conditions existing at that time. Vessel Name: CELESTIAL The positions of aids to navigation were located during survey Sonar System: R2 Sonic 2024 (Multibeam Sonar) operations, are provided for information only and should not be used for Sounding Frequency: 300 kHz navigation. Orthoimagery is from a variety of sources and dates and is Survey Method: RTK GPS Tides intended to portray general characteristics of the shoreline and other GPS\_System: Trimble SPS 855 (RTK) features. Temporal changes may have occurred since this dataset was RTK Base Station: TBM STATE 2 (2019) collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be Software Used: Hypack used to determine volumes as volumes are determined from more Sounding Sort Distance: 40' Field Books: R&H 4468 Survey No.: NLH\_CS\_2019\_038 Project Remarks Reference NOAA Chart No.: 12372 & 13213 None The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the

37.2 33.6 33.7 33.5 Red Navigation Buoy Green Navigation Buoy Shoalest Sounding\*\* \*\* Shoalest Sounding per Quarter per Reach Sheet 1 of 5 conditions existing at that time.

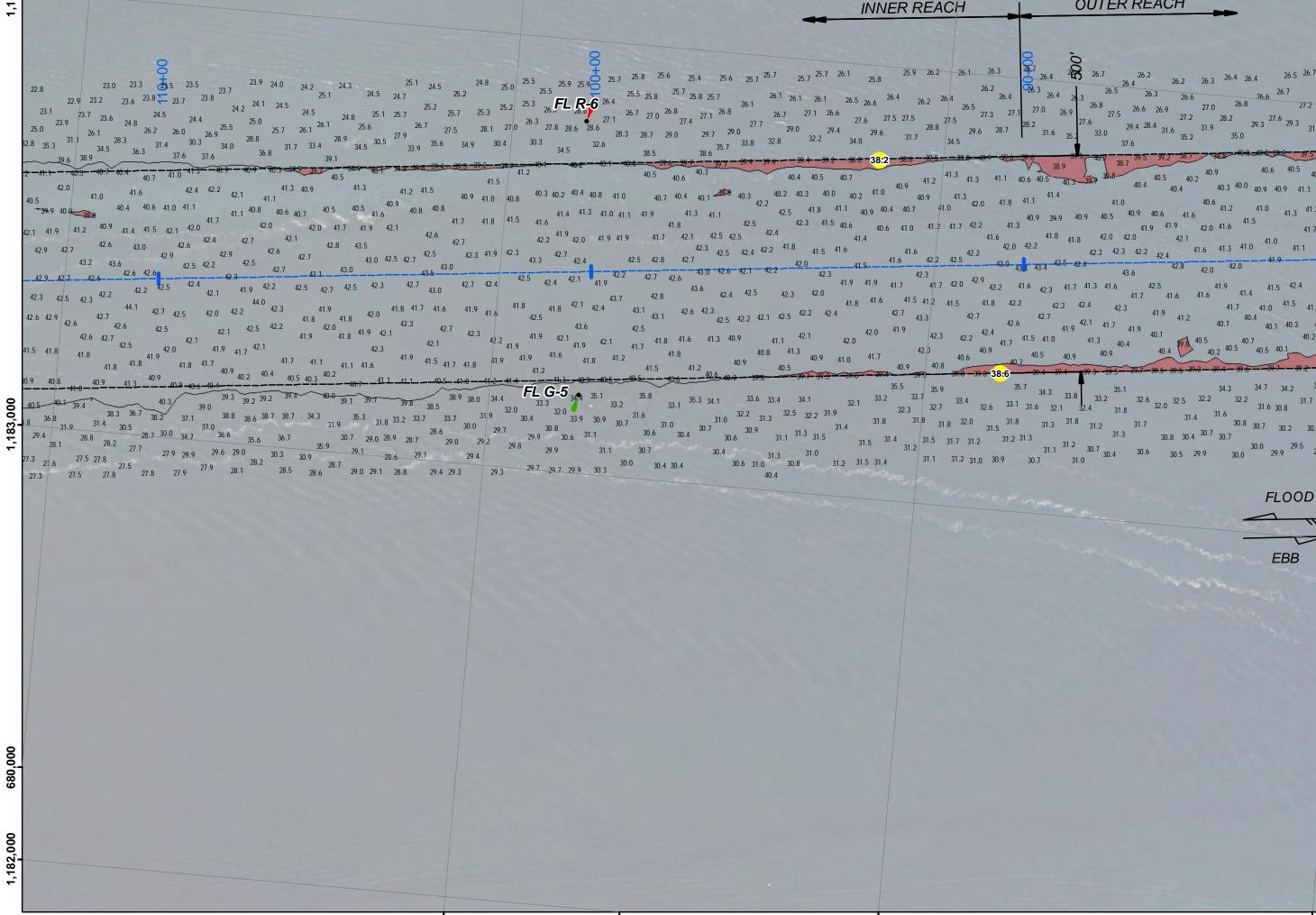
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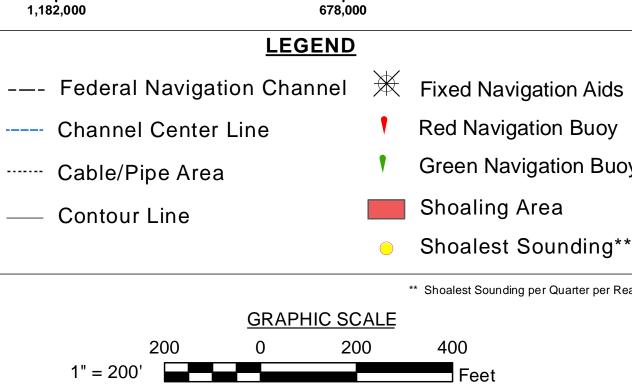
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## OUTER REACH

### -40-FOOT CHANNEL

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# NEW LONDON HARBOR FLOOD EBB

Green Navigation Buoy Shoalest Sounding\*\*

\*\* Shoalest Sounding per Quarter per Reach

Notes:

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Horizontal Datum: Connecticut, CT-0600 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 STATE 2 (2019) Software Used: Hypack Sounding Sort Distance: 40' Field Books: R&H 4468 Survey No.: NLH\_CS\_2019\_038 Reference NOAA Chart No.: 12372 & 13213

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.

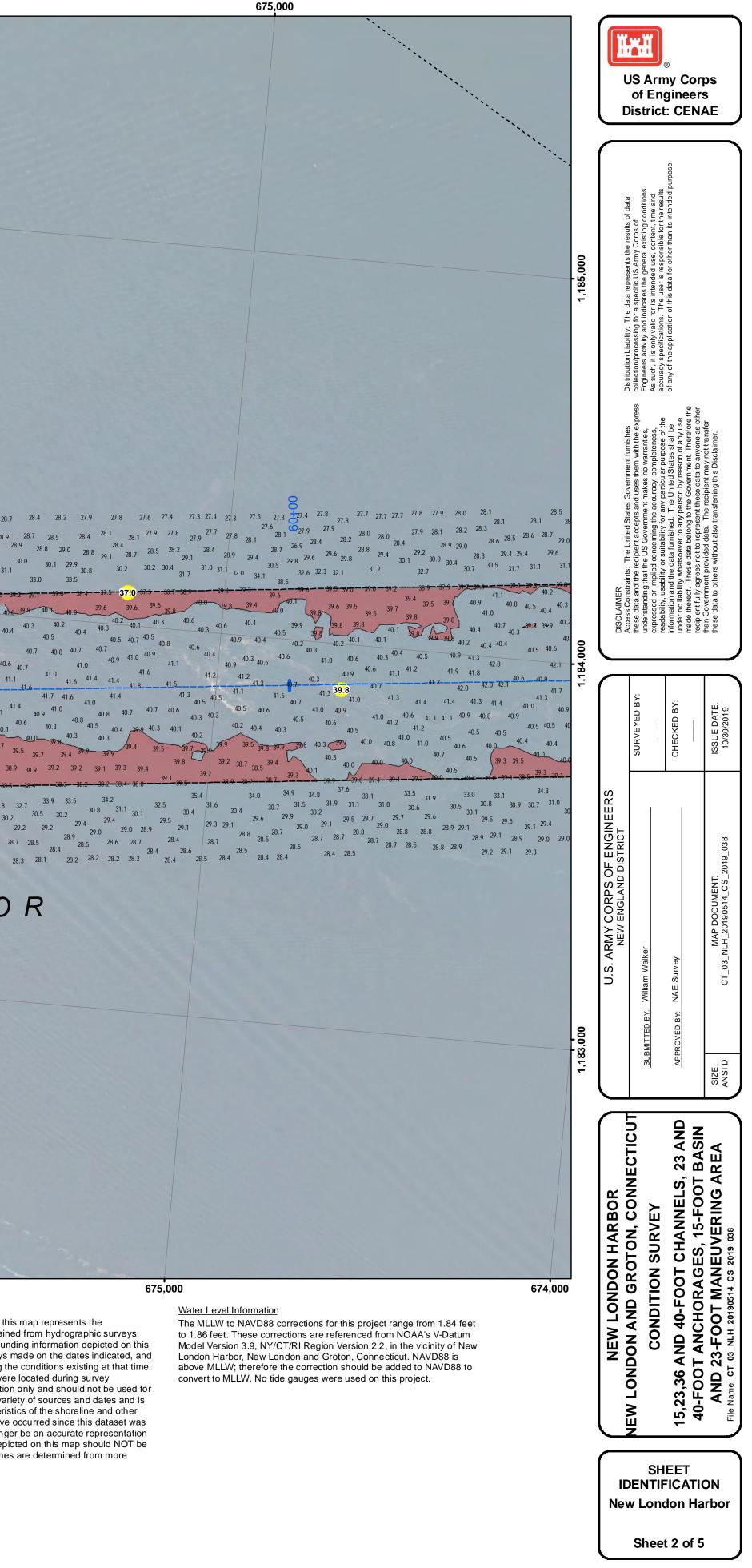
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General Notes

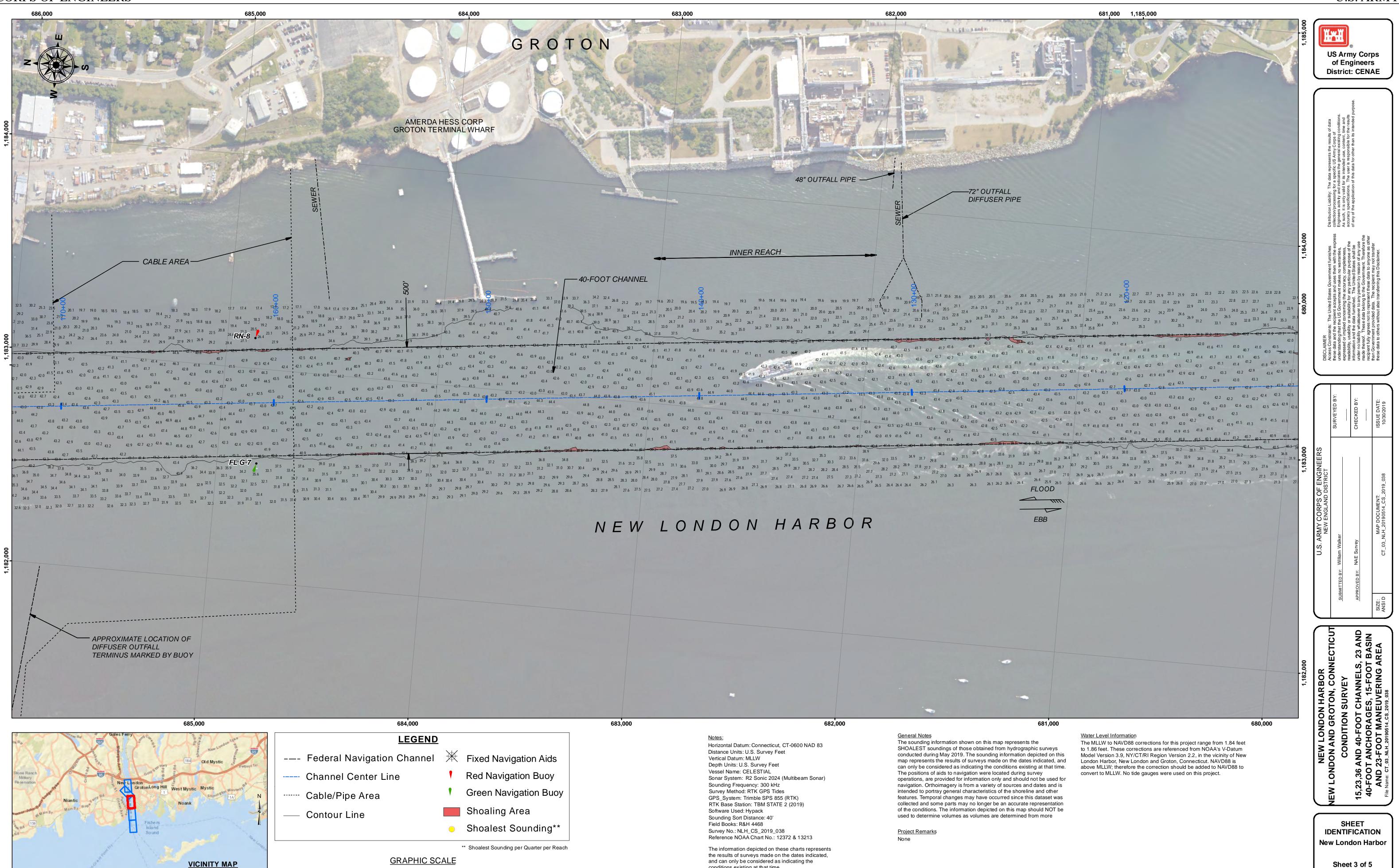
The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during May 2019. The sounding information depicted on this map represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more

Project Remarks None

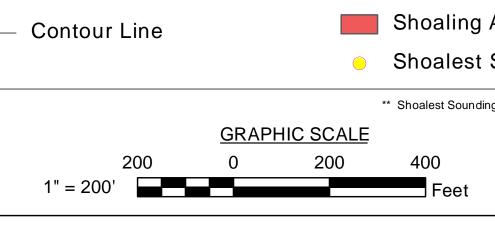
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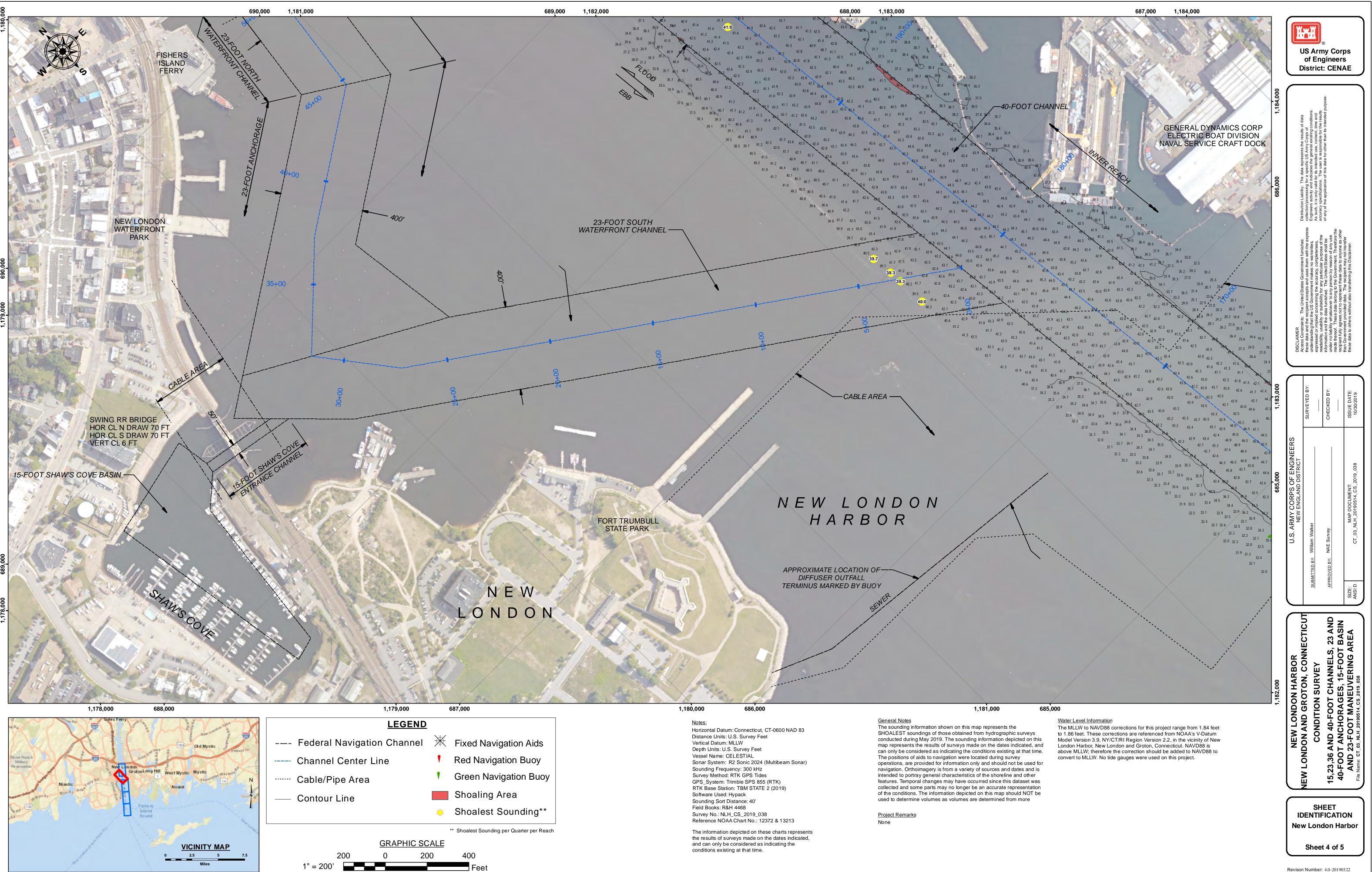
VICINITY MAP 5



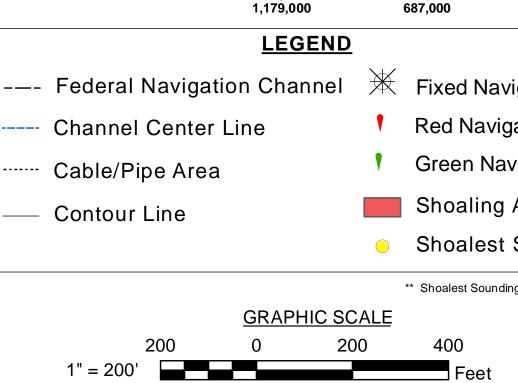
conditions existing at that time.

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