



THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

HORIZONTAL REFERENCE - NAD 83, NEW JERSEY STATE PLANE, ZONE 2900, U.S. FOOT.

VERTICAL REFERENCE - MEAN LOWER LOW WATER, WHICH IS 2.47' BELOW N.A.V.D. 88.

GEOID 12B AND NOAA TIDAL EPOCH: 1983 - 2001 WERE USED. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.

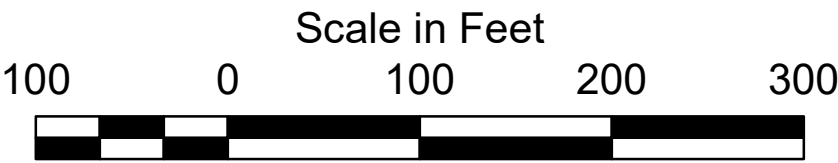
THE INFORMATION DEPICTED ON THIS MAP REPRESENT THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

THE POSITIONS OF THE AIDS TO NAVIGATION ARE PROVIDED FOR INFORMATION ONLY, AND SHOULD NOT BE USED FOR NAVIGATION.

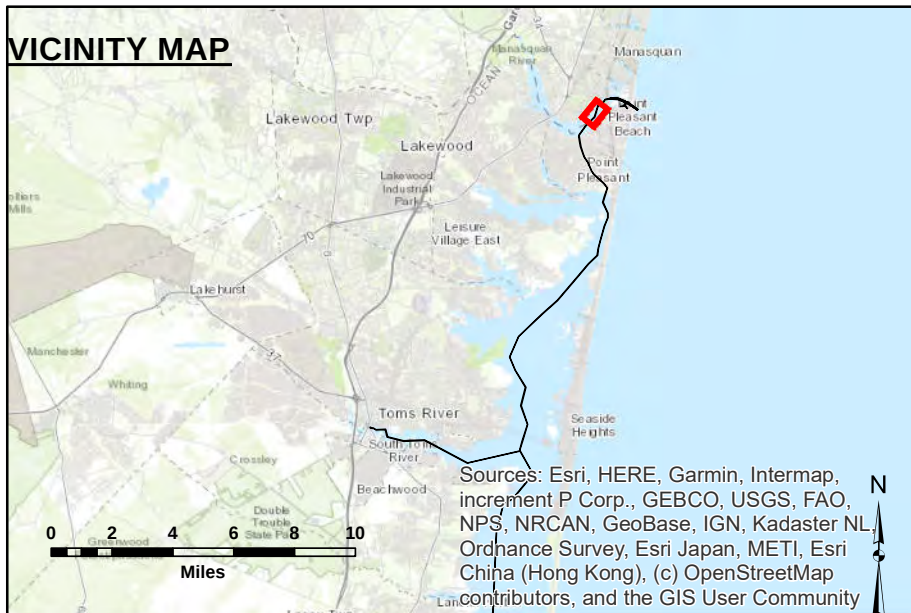
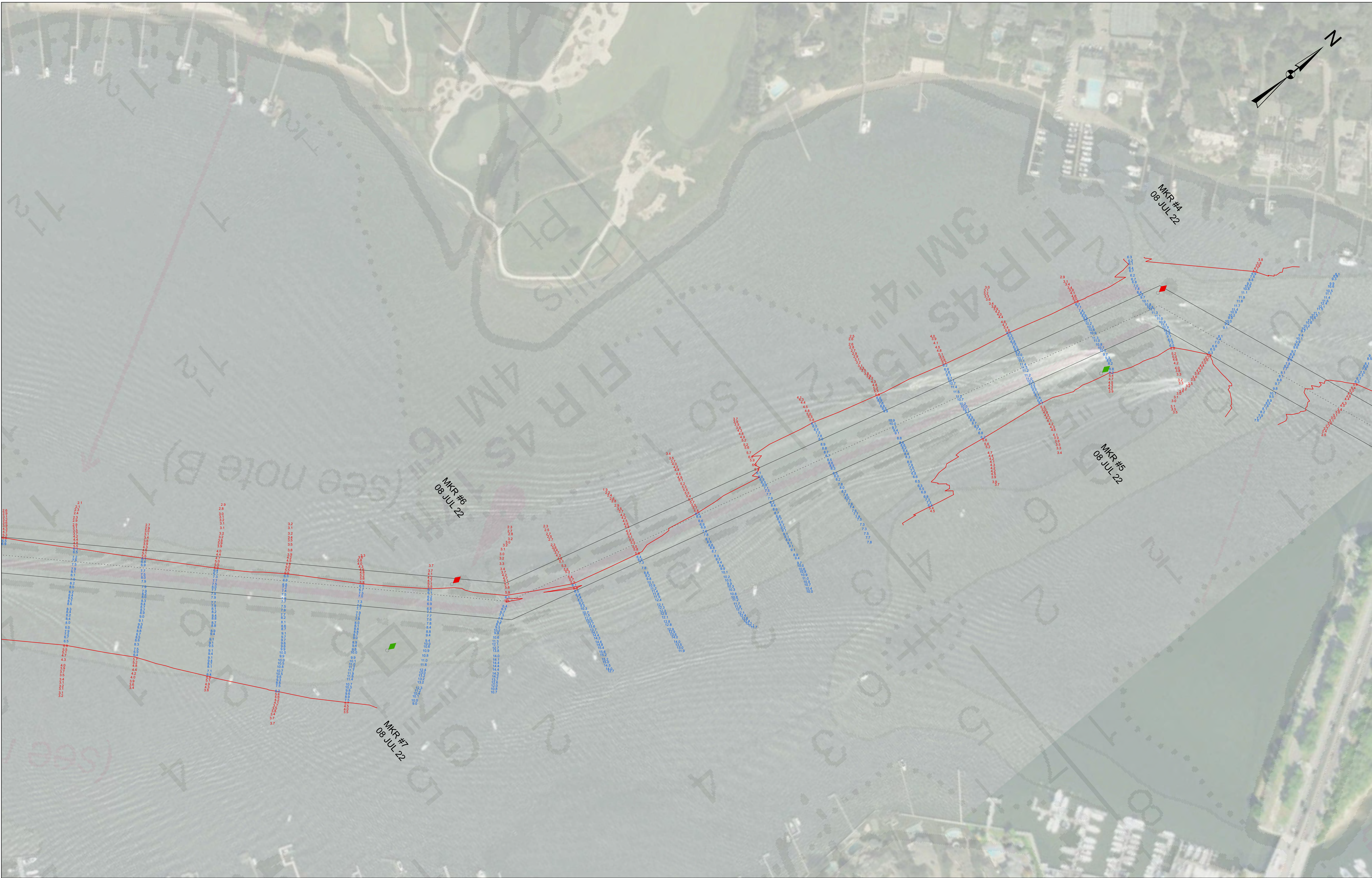
THE LIMITS OF THE FEDERAL CHANNEL DEPICT THE MOST CURRENT CHANNEL FRAMEWORK AVAILABLE WHICH CAN ALSO BE DOWNLOADED HERE:

<http://navigation.usace.army.mil/Survey/Framework>

BASE MAPPING LINEWORK OR ORTHOPHOTOGRAPHY HAS BEEN COMPILED 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 DATA SET WAS COLLECTED AND SOME PARTS OF THE DATA MAY NO LONGER BE AN ACCURATE REPRESENTATION OF THE SURFACE CONDITIONS.



- Legend**
- Shoalest Sounding per Quarter
 - 13' Curve of Depth
 - 12' Curve of Depth
 - 6' Curve of Depth
 - Green Buoy
 - Red Buoy
 - Centerline
 - ChannelFramework



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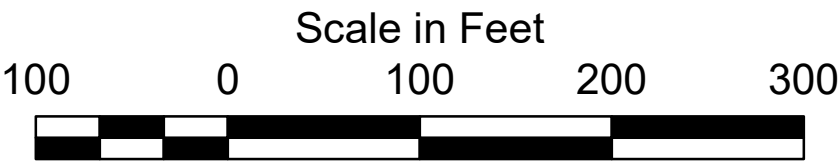
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Legend

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DISCLAIMER: This data is provided for general information only. It is not intended for use in any project or for any purpose other than that for which it was collected. The Corps of Engineers does not warrant the accuracy or completeness of the data provided. The data is provided as is, without any guarantee of accuracy or completeness. The data is provided for informational purposes only. The data is not intended for use in any project or for any purpose other than that for which it was collected. The Corps of Engineers does not warrant the accuracy or completeness of the data provided. The data is provided as is, without any guarantee of accuracy or completeness. The data is provided for informational purposes only.

Surveyed By:	U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT
Drawn By:	
Field Scale:	
Approved:	Chief, Survey Station
Filed By:	E. Antillon
Checked By:	



MRK #2 to MRK #4 -- 06 JUL 22
MRK #4 to Point Pleasant Canal -- 08 JUL 22

[illegible]

U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	
Drawing No. _____	Surveyed By: _____
Plot Scale: _____	Plotted By: E. Anthony
Approved: _____	Checked By: _____
Chief Survey Section	

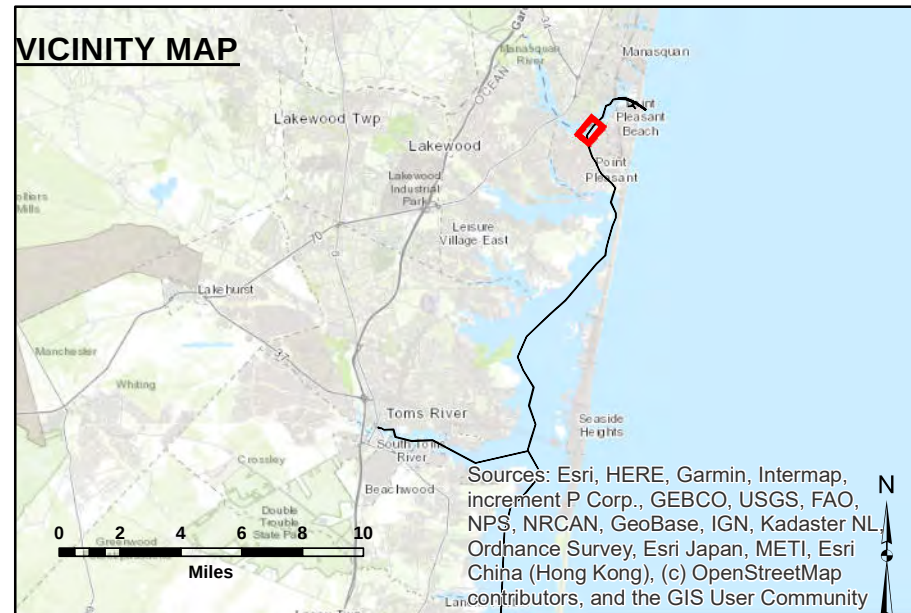
**NEW JERSEY INTRACOASTAL WATERWAY
MANASQUAN RIVER
EXAMINATION**

IW-21

Legend

-  Shoalest Sounding per Quarter
-  13' Curve of Depth
-  12' Curve of Depth
-  6' Curve of Depth
-  Green Buoy
-  Red Buoy
-  Centerline
-  ChannelFramework

VICINITY MAP



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