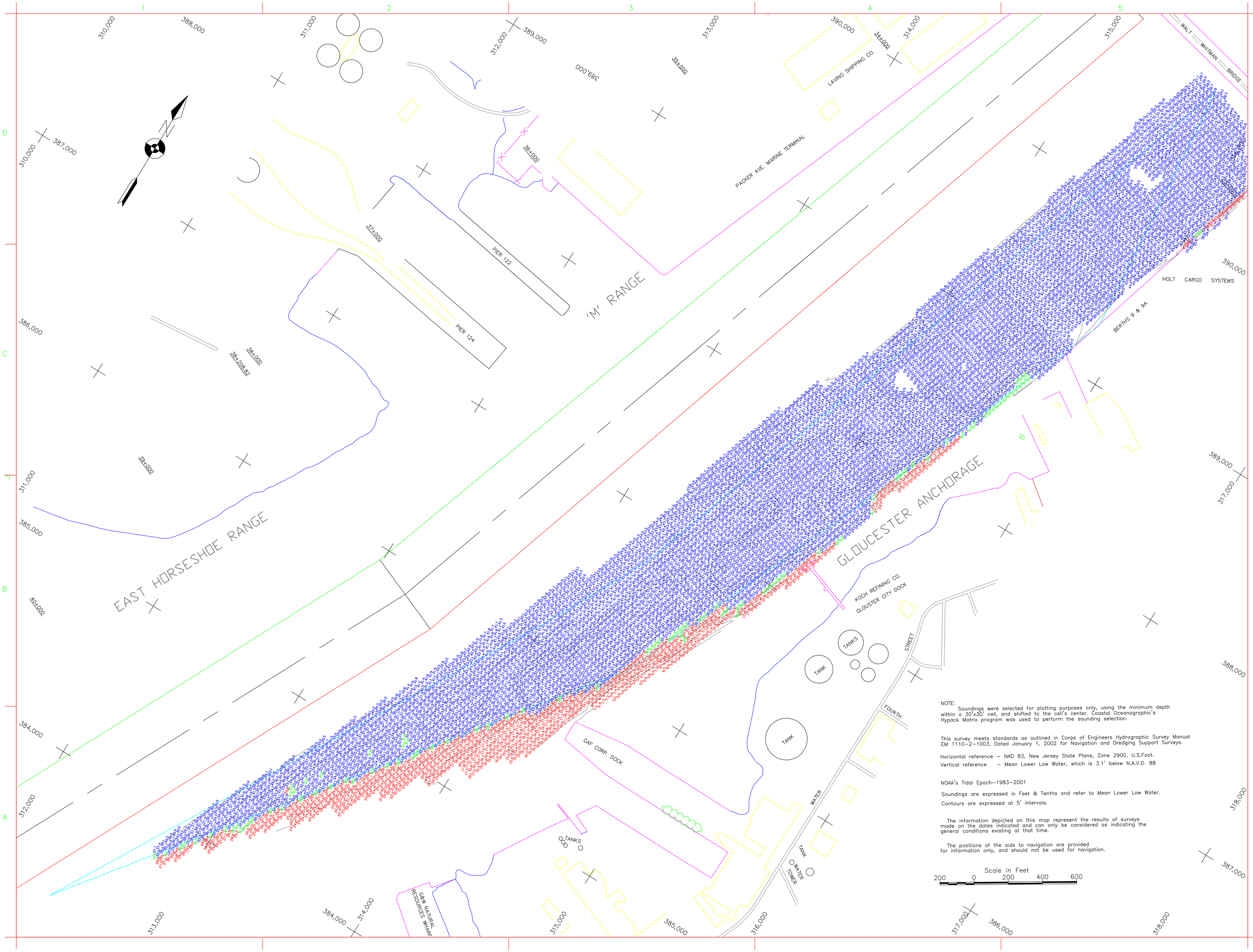

NOTE:
Soundings were selected for plotting purposes only, using the minimum depth within a 30'x30' cell, and shifted to the cell's center. Coastal Oceanographic's Hypack Matrix program was used to perform the sounding selection.

This survey meets standards as outlined in Corps of Engineers Hydrographic Survey Manual EM 1110-2-1003, Dated January 1, 2002 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 3.1' below N.A.V.D. 88

NOAA's Tidal Epoch-1983-2001

Soundings are expressed in Feet & Tenths and refer to Mean Lower Low Water.

Contours are expressed at 5' intervals.

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.

Scale in Feet
200 0 200 400 600

US Army Corps of Engineers
Philadelphia District

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT, PHILADELPHIA
CORPS OF ENGINEERS
PHILADELPHIA, PENNSYLVANIA

Designed by:		Date:	Rev.
Dwn by:	Ckd by:	IFB W912BJ-	
Reviewed by:		Drawing code:	
Submitted by:		File name:	
Chief, Arch. Branch		Plot date: 2 Nov 11	
		Plot scale: 1in to 200 ft	

TRACED BY M.Gaughan
PLOTTED BY W.Miller
DRAWING NO.
SURVEYED BY J.Gormley
DATE SURVEYED 10 May 11
APPROVED Chief, Surv. Branch

DELAWARE RIVER
PHILADELPHIA TO THE SEA
EXAMINATION

GLOUCESTER ANCHORAGE
STA.32+755 TO STA.40+000

Sheet reference number:

Sheet 1 of 1