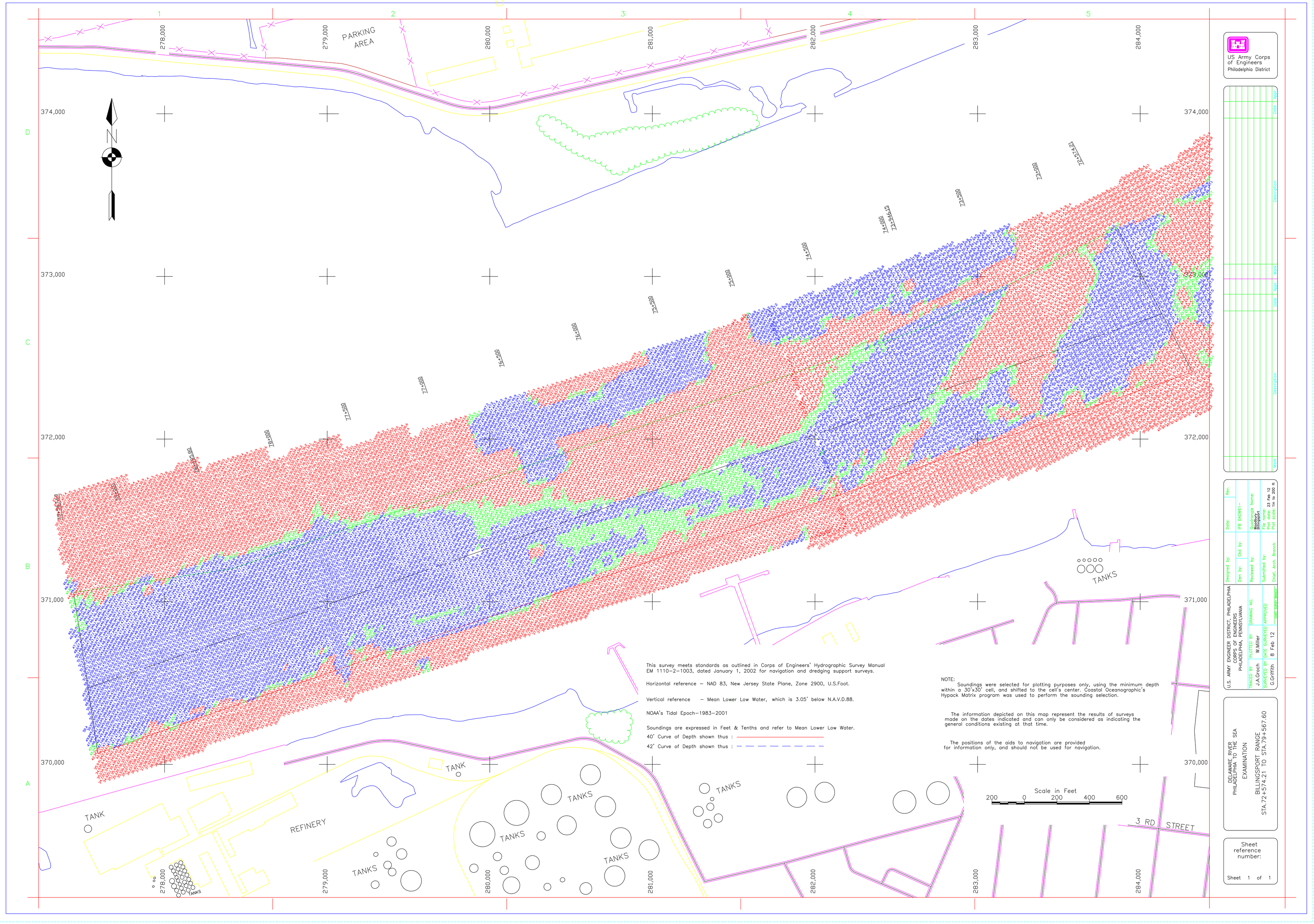

This survey meets standards as outlined in Corps of Engineers' Hydrographic Survey Manual EM 1110-2-1003, dated January 1, 2002 for navigation and dredging support surveys.

Horizontal reference – NAD 83, New Jersey State Plane, Zone 2900, U.S.Foot.

Vertical reference – Mean Lower Low Water, which is 3.05' 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.

40' Curve of Depth shown thus :

42' Curve of Depth shown thus :

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.

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.

US Army Corps of Engineers
Philadelphia District

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

TRACED BY: J.A.Groch	PLOTTED BY: W.Miller	DRAWING NO.	
SURVEYED BY: G.Griffith	DATE SURVEYED: 8 Feb 12	APPROVED:	

DELAWARE RIVER
PHILADELPHIA TO THE SEA
EXAMINATION
BILLINGSPORT RANGE
STA.72+574.21 TO STA.79+567.60

Sheet reference number:

Sheet 1 of 1