

7. HYPACK, INC. SOFTWARE WAS USED TO PERFORM THE SOUNDING SELECTION AND CONTOUR GENERATION.  
 8. 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.  
 9. THE POSITIONS OF THE AIDS TO NAVIGATION ARE PROVIDED FOR INFORMATION ONLY, AND SHOULD NOT BE USED FOR NAVIGATION.  
 10. THE LIMITS OF THE FEDERAL CHANNEL DEPICT THE MOST CURRENT CHANNEL FRAMEWORK AVAILABLE WHICH CAN BE DOWNLOADED HERE:  
 11. 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 SOME PARTS OF THE TEMPORAL CHANGES THAT HAVE OCCURRED SINCE THE DATASET WAS COLLECTED. THE DATA MAY NO LONGER BE AN ACCURATE REPRESENTATION OF THE SURFACE CONDITIONS.

1. 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.  
 2. HORIZONTAL REFERENCE - NAD 83, NEW JERSEY STATE PLANE, ZONE 2900, U.S.FOOT.  
 3. VERTICAL REFERENCE - MEAN LOWER LOW WATER, WHICH IS 2.97' BELOW MVD 88  
 4. GEOD 09 AND NOAA TIDAL EPOCH: 1983 - 2001 WERE USED.  
 5. SOUNDINGS ARE EXPRESSED IN FEET & TENTHS AND REFER TO MEAN LOWER LOW WATER. SOUNDINGS WERE SELECTED FOR PLOTTING PURPOSES ONLY, USING THE MINIMUM DEPTH WITHIN A 30'X30' CELL, SHIFTED TO THE CELL'S CENTER.  
 6. CONTOURS DEPICT ACTUAL LOCATION OF BATHYMETRY AND DO NOT NECESSARILY REFLECT PLOTTED SOUNDING LOCATIONS.

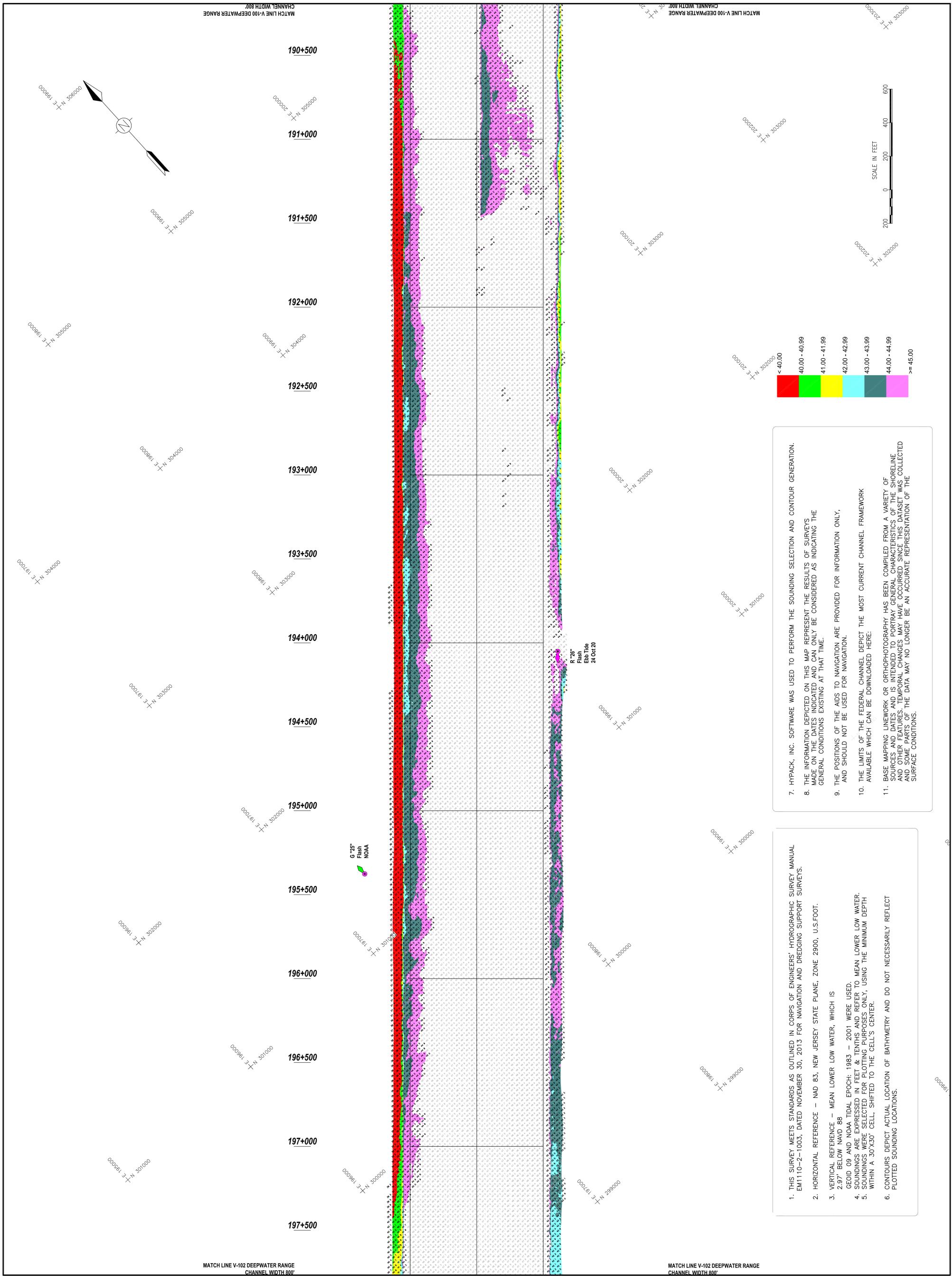


MARK	ACTION	DESCRIPTION	DATE	BY
XX				

U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT www.nap.usace.army.mil	PROCESSED BY: W.Miler	PLOT DATE: REVISION 28 Oct 20 REV
	DWN BY: W.Miler	CONTRACT NUMBER:
	REVIEWED BY:	APPROVED BY:
	FILE NUMBER:	FILE NAME:
SURVEY DATE: 24 Oct 20	VESSEL: ES98	PLOTTED BY: W.Miler
DWG SCALE: 1"=0'	FILE NAME: E7348	

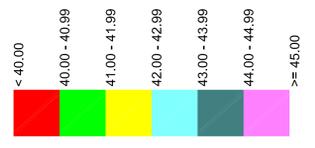
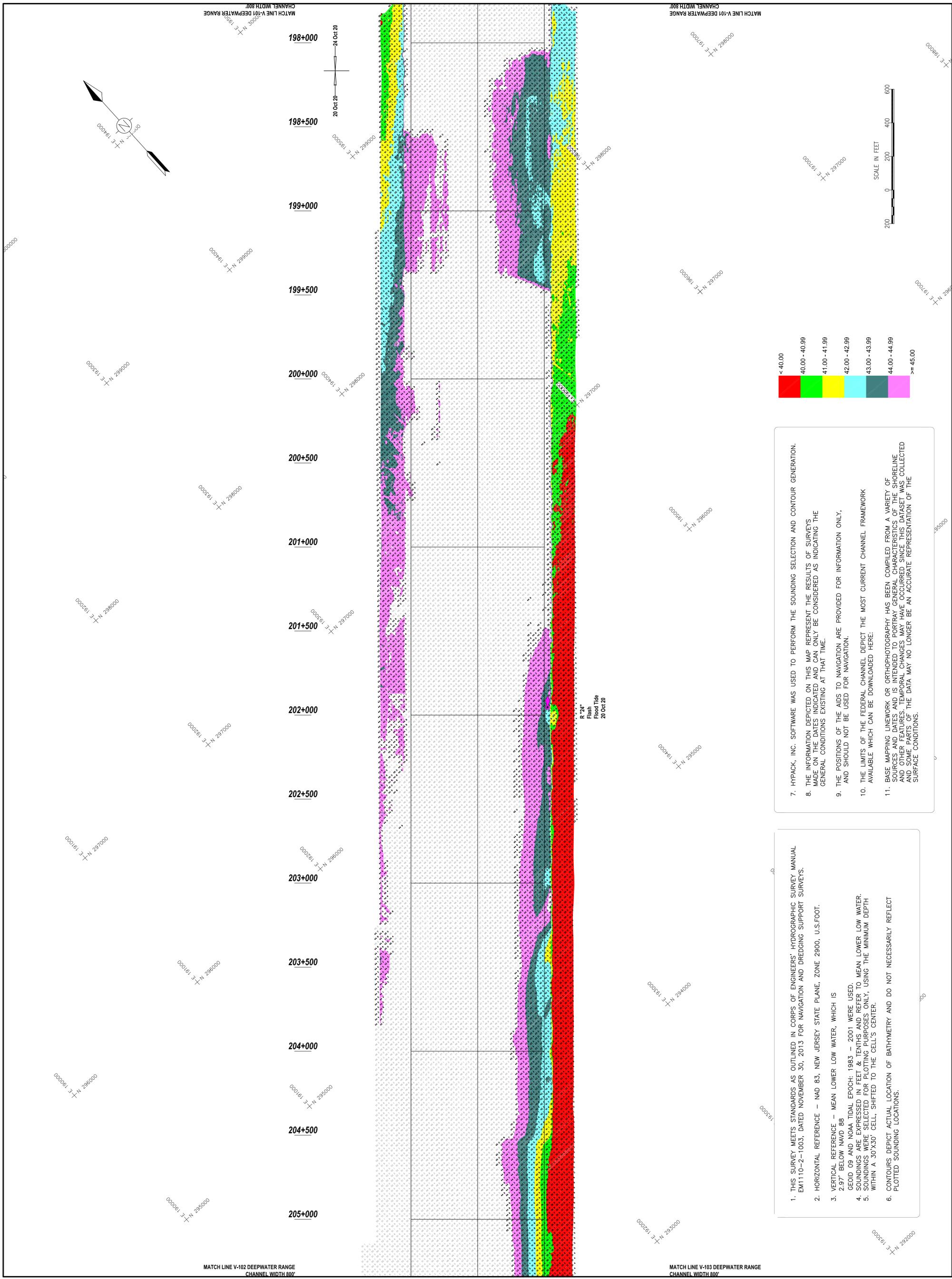
DELAWARE RIVER  
 PHILADELPHIA TO THE SEA  
 DEEPWATER RANGE  
 EXAMINATION  
 STATION 186+332 TO 190+192

SHEET NUMBER  
**V-100**



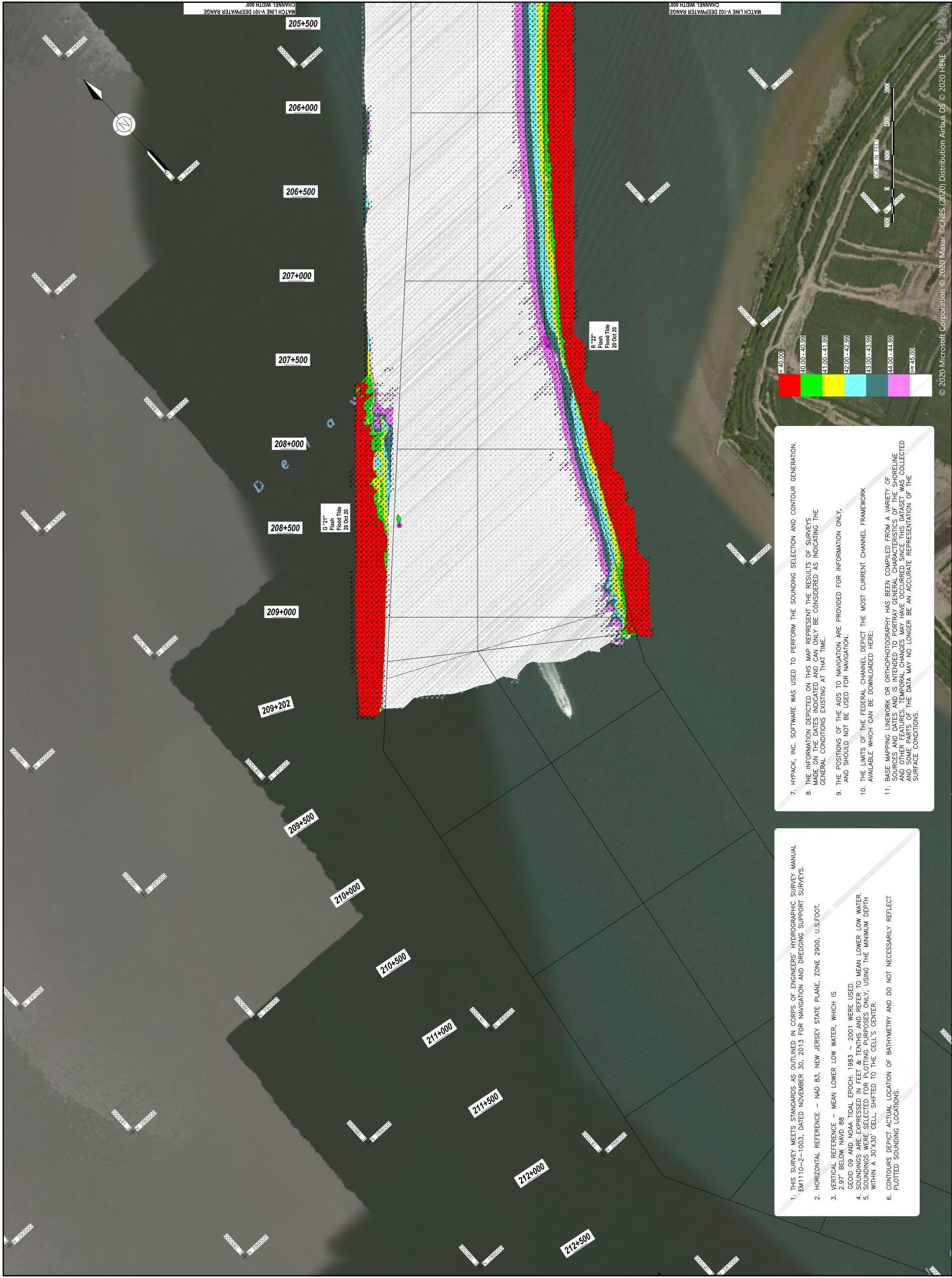
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U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT PHILADELPHIA, PA 19107-3390 www.nap.usace.army.mil	PROCESSED BY: W.Miller DWN BY: W.Miller REVIEWED BY: SURVEY DATE: 28 Oct 20 DWG SCALE: 1"=200'	PLOT DATE: REVISION 28 Oct 20 REV CONTRACT NUMBER: APPROVED BY: FILE NAME: E7351
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DELAWARE RIVER  
 PHILADELPHIA TO THE SEA  
 DEEPWATER RANGE  
 EXAMINATION  
 STATION 206+341 TO 209+202

SHEET NUMBER  
**V-103**