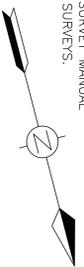


1. THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.
2. HORIZONTAL REFERENCE - NAD 83, NEW JERSEY STATE PLANE, ZONE 2900, US FOOT.
3. VERTICAL REFERENCE - MEAN LOWER LOW WATER, WHICH IS 3.41' BELOW N.A.V.D. 88.
4. SOUNDINGS ARE EXPRESSED IN FEET & TENTHS AND REFER TO MEAN LOWER LOW WATER.
5. SOUNDINGS WERE SELECTED FOR PLOTTING PURPOSES ONLY, USING THE MINIMUM DEPTH WITHIN A SEARCH RADIUS OF 18'.
6. CONTOURS DEPICT ACTUAL LOCATION OF BATHYMETRY AND DO NOT NECESSARILY REFLECT PLOTTED SOUNDING LOCATIONS.

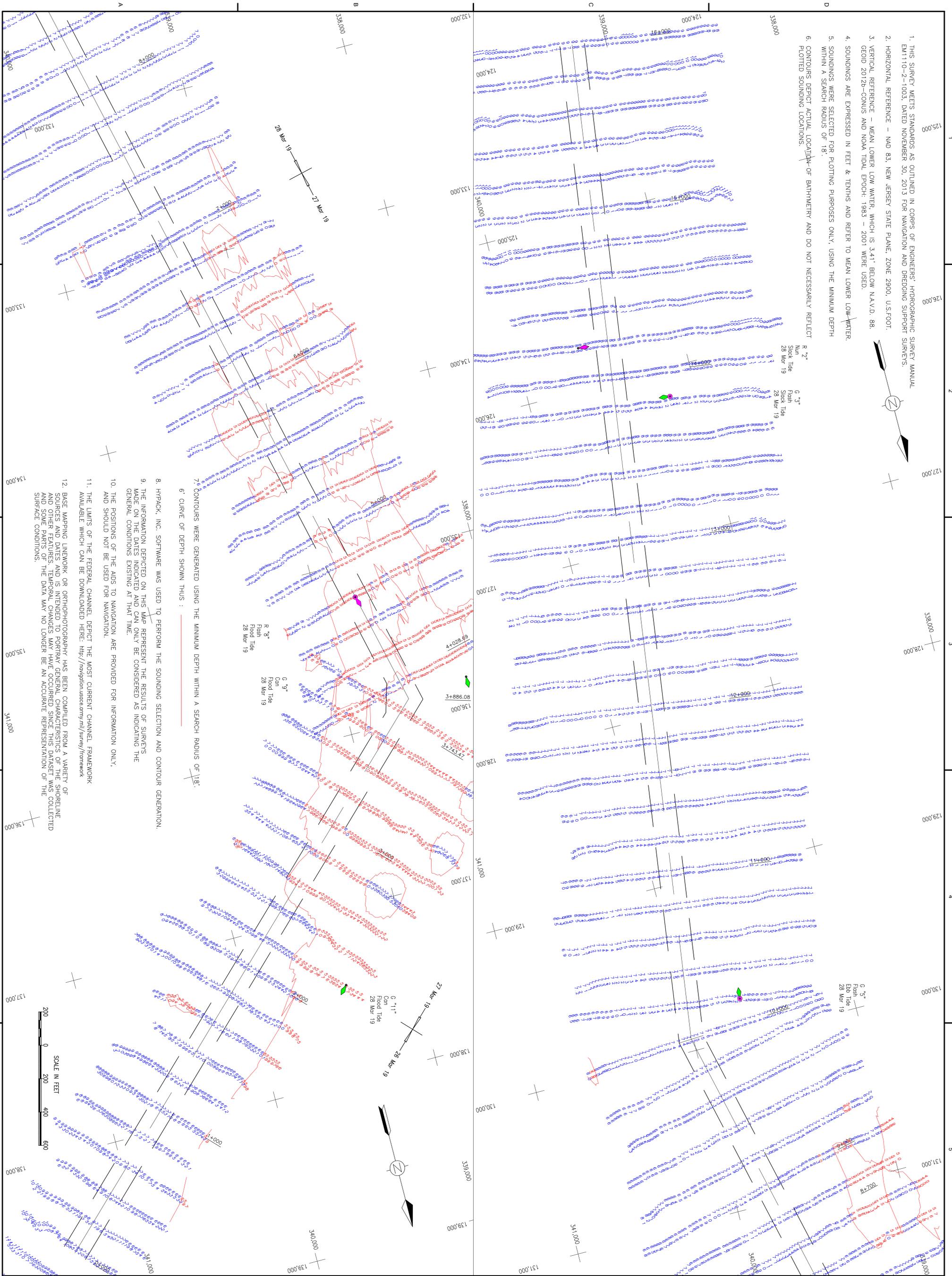


R "2"  
Nun  
Stock Tide  
28 Mar 19

C "3"  
Fish  
Stock Tide  
28 Mar 19

7. CONTOURS WERE GENERATED USING THE MINIMUM DEPTH WITHIN A SEARCH RADIUS OF 18'.  
6. CURVE OF DEPTH SHOWN THUS: ———

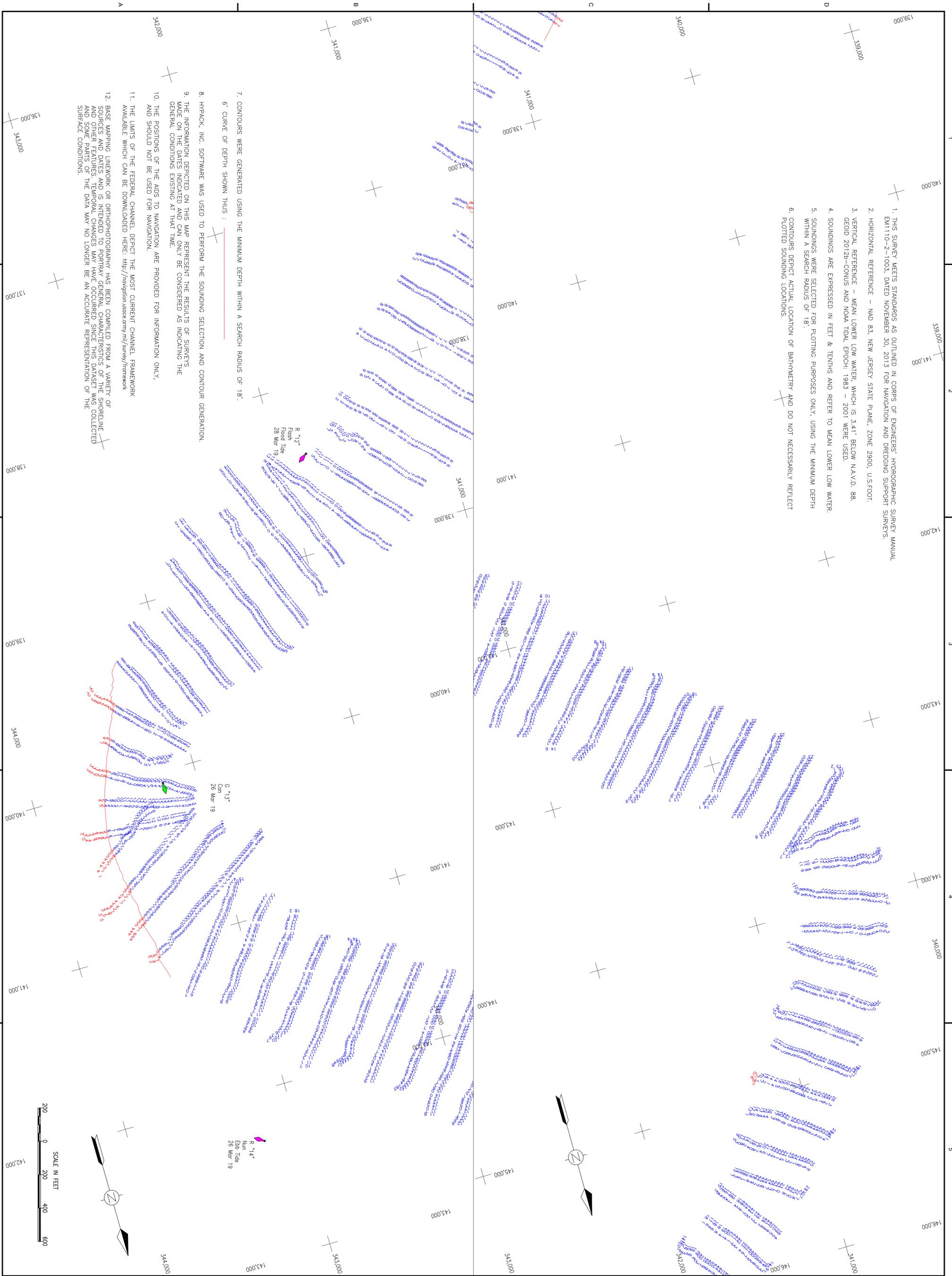
8. HPACK, INC. SOFTWARE WAS USED TO PERFORM THE SOUNDING SELECTION AND CONTOUR GENERATION.
9. THE INFORMATION DEPICTED ON THIS MAP REPRESENT THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
10. THE POSITIONS OF THE AIDS TO NAVIGATION ARE PROVIDED FOR INFORMATION ONLY, AND SHOULD NOT BE USED FOR NAVIGATION.
11. THE LIMITS OF THE FEDERAL CHANNEL DEPICT THE MOST CURRENT CHANNEL FRAMEWORK AVAILABLE WHICH CAN BE DOWNLOADED HERE: <http://navigation.usace.army.mil/survey/framework>
12. BASE MAPPING LITERATURE OR ORTHOPHOTOGRAPHY HAS BEEN COMPILED FROM A VARIETY OF SOURCES AND DATES AND IS INTENDED TO PROVIDE GENERAL INDICATIONS OF THE SHORELINE AND SOME PARTS OF THE DATA MAY NO LONGER BE AN ACCURATE REPRESENTATION OF THE SURFACE CONDITIONS.



SHEET NUMBER <b>V-100</b>	MAURICE RIVER, NJ APPROACH CHANNEL  EXAMINATION STA. 0+000 TO STA. 16+000	U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT PHILADELPHIA, PA 19107-3390 <a href="http://www.nap.usace.army.mil">www.nap.usace.army.mil</a>	PROCESSED BY: J.Patt	PLOT DATE: REVISION 5-Nov-19 REV	DESCRIPTION	DATE	BY	MARK	ACTION	DESCRIPTION	DATE	BY
		DWN BY: MGO CHK BY: XXX REVIEWED BY: XXX	CONTRACT NUMBER: 19F0912BXXXXXXXXXXXX	APPROVED BY:								
		SURVEY DATE: 28 Mar 19 VESSEL: USNSC DWG SCALE: 1" = 200'	VESSEL: USNSC PLOTTER: J.Patt	FILE NAME: 190719.dwg								

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 3.41' BELOW N.A.V.D. 88, GEOID 2012B-COONDS AND NOAA TIDAL EPOCH: 1983 - 2001 WERE USED.
4. SOUNDINGS ARE EXPRESSED IN FEET & TENTHS AND REFER TO MEAN LOWER LOW WATER.
5. SOUNDINGS WERE SELECTED FOR PLOTTING PURPOSES ONLY, USING THE MINIMUM DEPTH WITHIN A SEARCH RADIUS OF 18'.
6. CONTOURS DEPICT ACTUAL LOCATION OF BATHYMETRY AND DO NOT NECESSARILY REFLECT PLOTTED SOUNDING LOCATIONS.

7. CONTOURS WERE GENERATED USING THE MINIMUM DEPTH WITHIN A SEARCH RADIUS OF 18'.
6. CURVE OF DEPTH SHOWN THIS : \_\_\_\_\_
8. HYPACK, INC. SOFTWARE WAS USED TO PERFORM THE SOUNDING SELECTION AND CONTOUR GENERATION.
9. 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.
10. THE POSITIONS OF THE AIDS TO NAVIGATION ARE PROVIDED FOR INFORMATION ONLY, AND SHOULD NOT BE USED FOR NAVIGATION.
11. THE LIMITS OF THE FEDERAL CHANNEL, DEPICT THE MOST CURRENT CHANNEL FRAMEWORK AVAILABLE WHICH CAN BE DOWNLOADED HERE: <http://navigation.usace.army.mil/survey/framework>
12. BASE MAPPING LINEWORK OR ORTHOPHOTOGRAPHY HAS BEEN COMPLETED 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 OF THE DATA MAY NO LONGER BE AN ACCURATE REPRESENTATION OF THE SURFACE CONDITIONS.



<b>MAURICE RIVER, NJ</b>  EXAMINATION	U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT PHILADELPHIA, PA 19107-3390 <a href="http://www.nip.usace.army.mil">www.nip.usace.army.mil</a>	PROCESSED BY: JPM/rl DWN BY: MKG REV: XXX REVIEWED BY: XXX SURVEY DATE: 26 Mar 19 VESSEL: LBS GIG DWG SCALE: 1" = 200' FILE NAME: 0707.dwg	PLOT DATE: 5Nov19 REVISION: REV CONTRACT NUMBER: 19F09185XXXXXXXXXXXX APPROVED BY: [Signature] SURVEY DATE: 26 Mar 19 VESSEL: LBS GIG PLOTTED BY: PETTIE, JOCELYN R OIV USARMY (ENR454A) FILE NAME: 0707.dwg			
SHEET NUMBER <b>V-101</b>						





