



US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATE OF SURVEY:	22 JULY 2019
SCALE:	ONE INCH = 200 FEET
FIELD BOOKS:	
REVISIONS:	
DATE:	31 JULY 2019

OPERATIONS DIVISION
SANDY HOOK CHANNEL
NEW YORK HARBOR

APPROVED: J. MARZ
DATE: 31 JULY 2019

APPROVED: M. EDGIE
DATE: 31 JULY 2019

APPROVED: G. LEARNIS / ARBOLD
DATE: 31 JULY 2019

NEW YORK HARBOR
SANDY HOOK CHANNEL
BEFORE DREDGE SURVEY

VH-102
SHEET 2 OF 2

PROJECT SPECIFIC NOTES:

- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW JERSEY MERCATOR - ZONE 2900, US SURVEY FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
- MEAN LOWER LOW WATER IS 2.8 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.5).
- MEAN HIGH WATER IS 2.1 FEET ABOVE NAVD88 AS DETERMINED USING VDATUM (VER. 3.5).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3'x3' MEDIAN CELL, SORTED TO A 45' INTERVAL.
- CONTOURS ON THIS MAP WERE GENERATED USING THE 3'x3' MEDIAN DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY DIGITAL GLOBE 2018 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "SIMPSON 2 RM 3".
- THIS MAP IS CEPO COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

LOCAL CONTROL DATA	
BENCHMARK: SIMPSON 2 RM3 (KV0707)	ELEVATION: 6.85' NAVD 1988
NSRS BENCHMARK	
BENCHMARK: SIMPSON 2 (KV0709)	ELEVATION: 6.92' NAVD 1988