



DATE OF SURVEY:	11 APRIL 2016
FILE NO.:	13B
REQUEST NO.:	4466/N3
ID	ZCF7D
PR	
DP	

SCALE:	ONE INCH = 100 FEET
FIELD BOOKS:	J082

APPROVED:	M. APPEL	DATE:	12 APRIL 2016
APPROVED:	M. FORTE	DATE:	
APPROVED:	D. CLARKE	DATE:	
APPROVED:	J. WRAZ	DATE:	

DEPARTMENT OF THE ARMY
 CORPS OF ENGINEERS
 NEW YORK, NEW YORK 10278
 OPERATIONS DIVISION
 SONAR UNIT

SANDY HOOK BAY
 AT LEONARDO
 NEW JERSEY
 CONDITION SURVEY

LOCAL CONTROL DATA	
BENCHMARK:	J 36 (PID:KV0728)
ELEVATION:	28.19' NAVD 88

NSRS CONTROL	
BENCHMARK:	13 F 1 (PID:KV6224)
ELEVATION:	26.40' NAVD 88

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. 3.0).
- SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
- CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY NJGIN (2015).
- THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "LED 2015".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.



VH-101

SHEET 1 OF 1