

[illegible]

DATES OF SURVEY:
1 & 7-8 APRIL 2020

SCALE:
ONE INCH = 200

FIELD BOOKS:

APPROVED:	JOHN BEAN	FIELD COORDINATOR
APPROVED:	REGINALD SMITH	PROJECT MANAGER
APPROVED:	PRADIEP BHADUR	LEAD COORDINATOR
APPROVED:	J. MRAZ	IDENTITY OFFICER OF SURVEY

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHINNECOCK INLET
(PROPOSED CHANNEL)

LONG ISLAND, NY

CONDITION SURVEY

VH-101

SHEET 01 OF 0

REQ. NO: /FILE NO: 4914



E 1406000

E 1406000

E 1408000

E 1408000

SHINNECOCK INLET (PROPOSED CHANNEL)			
EASTING (X)	NORTHING (Y)	ID	
1406055.920	248709.890	A	
1406096.220	24811.240	B	
1406305.840	247975.010	C	
1406434.370	245929.620	D	
1406450.300	245875.870	E	
1405457.270	248669.600	F	
1406144.169	245909.457	S-1	
1405956.158	248703.177	S-2	
1405881.987	250251.107	S-3	
1405635.374	250040.082	S-4	
1405310.101	250609.918	S-9	
1404703.348	250239.040	S-11	
1405944.622	245896.016	S-2	
1405756.595	248689.745	S-4	
1405675.175	248989.435	S-6	
1405606.747	249099.773	S-8	
1405283.100	250451.150	S-10	
1404740.000	250205.788	S-12	

ATLANTIC OCEAN

NOTES:

1. GRID SYSTEM IS U.S. SURVEY FEET AND IS THE NEW YORK LONG ISLAND STATE PLANE COORDINATE SYSTEM (ZONE 3104), NAD83.
2. DEPTHS ARE IN FEET AND ARE REFERENCED TO MEAN LOWER LOW WATER (MLLW).
3. THE PLANE OF MEAN LOWER LOW WATER (MLLW) IS 1.9 - 2.1 FEET BELOW HULL 88. THIS VALUE WAS DETERMINED USING NOAA'S VDATUM MODEL (VERSION 3.9).
4. SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHO TO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE NEW YORK STATE GIS CLEARINGHOUSE (NYS GIS).
5. THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
6. THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET.
7. THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
8. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
9. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING:
SURVEY VESSEL: R/V OCEO
ECHOSOUNDER: ODOM ECHOTRAC M125
SIDE SCAN SONAR: EDGE TECH AK15
NAVIGATION SYSTEM: APPLIXIN POS MV IN REAL TIME KINEMATIC (RTK) MODE
SURVEY ACQUISITION SOFTWARE: HYDRAVIEW SURVEY 2018
SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018
10. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 1 AND 7-8 APRIL 2020 AND CAN ONLY BE USED AS AN INDICATE THE POSITIONS EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY TO OSI.

NSRS BENCHMARK	
BENCHMARK:	851 2354 F (PID: BDDG81)
ELEVATION:	2.90' (NAVD 1988)

LOCAL CONTROL DATA	
BENCHMARK:	NO. 1 1974 (TIDAL BENCH MARK VM #7400)
ELEVATION:	12.63' (NAVD 1988)

SCALE : 1" = 200'

