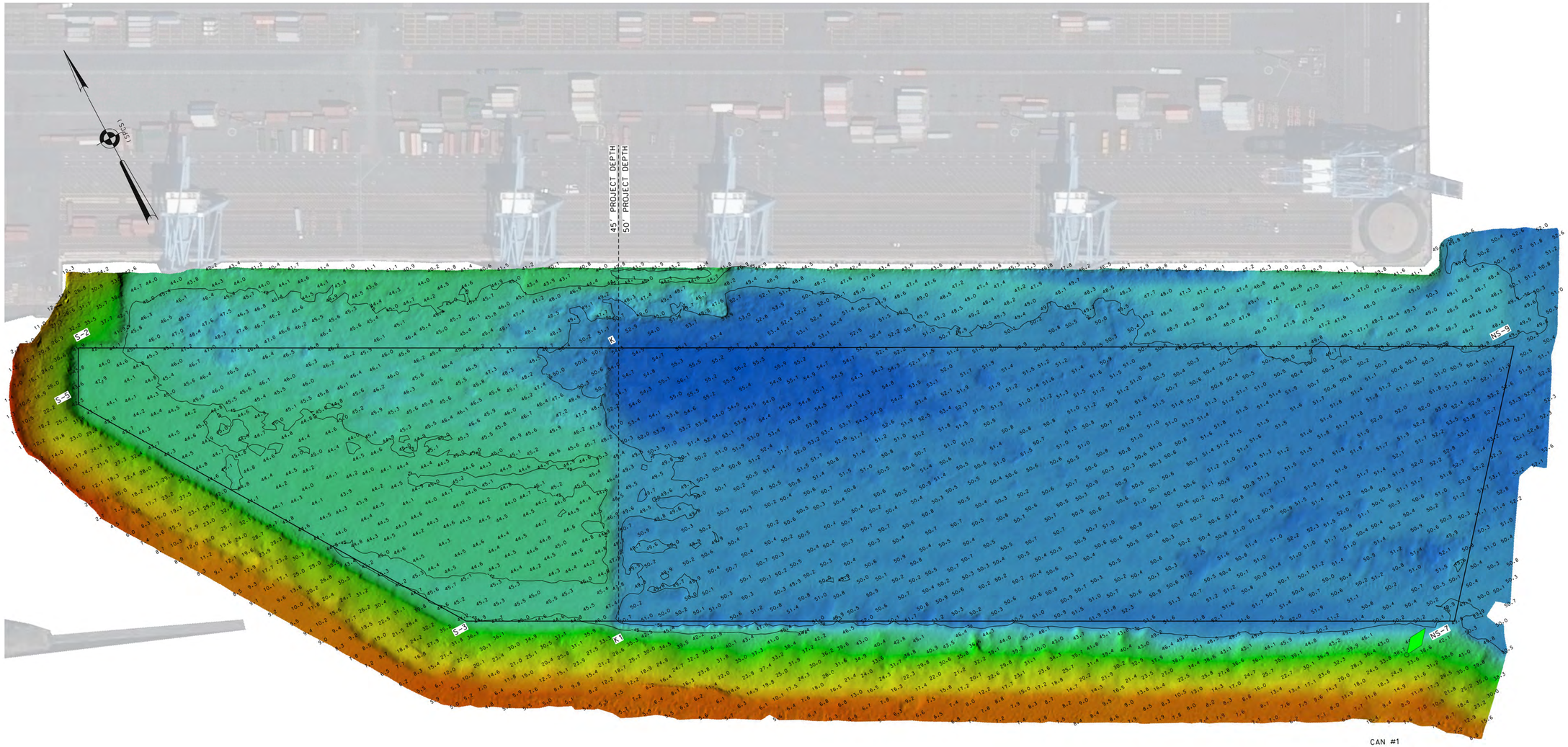

CAN #1
EBB
04 APRIL 2023

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.
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
- 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 3.0 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.3).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 30' INTERVAL.
- CONTOURS ON THIS MAP WERE GENERATED USING THE 3' X 3' DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY OGIS NEW JERSEY IMAGERY WAREHOUSE (2020) AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT BASE".

0 100' 200'

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: NBAY1	BENCHMARK: P 38 (KV0333)
ELEVATION: 7.41' (NAVD 1988)	ELEVATION: 21.93' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	VP	FA, ESO
		FA

DATES OF SURVEY:
4-6 APRIL 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
N/A

REQ. NO./FILE NO.-5290/N2/D

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MICAZ, DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 11 APRIL 2023

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWARK BAY, HACKENSACK & PASSAIC RIVERS
NEW JERSEY
SOUTH ELIZABETH CHANNEL
CONDITION SURVEY

VH-101

1 OF 1