[illegible]

SCALE : ONE INCH = 100 FEET	DATES OF SURVEY : 26 JANUARY 2021 3.10 FEBRUARY 2021
FIELD BOOKS : N/A	

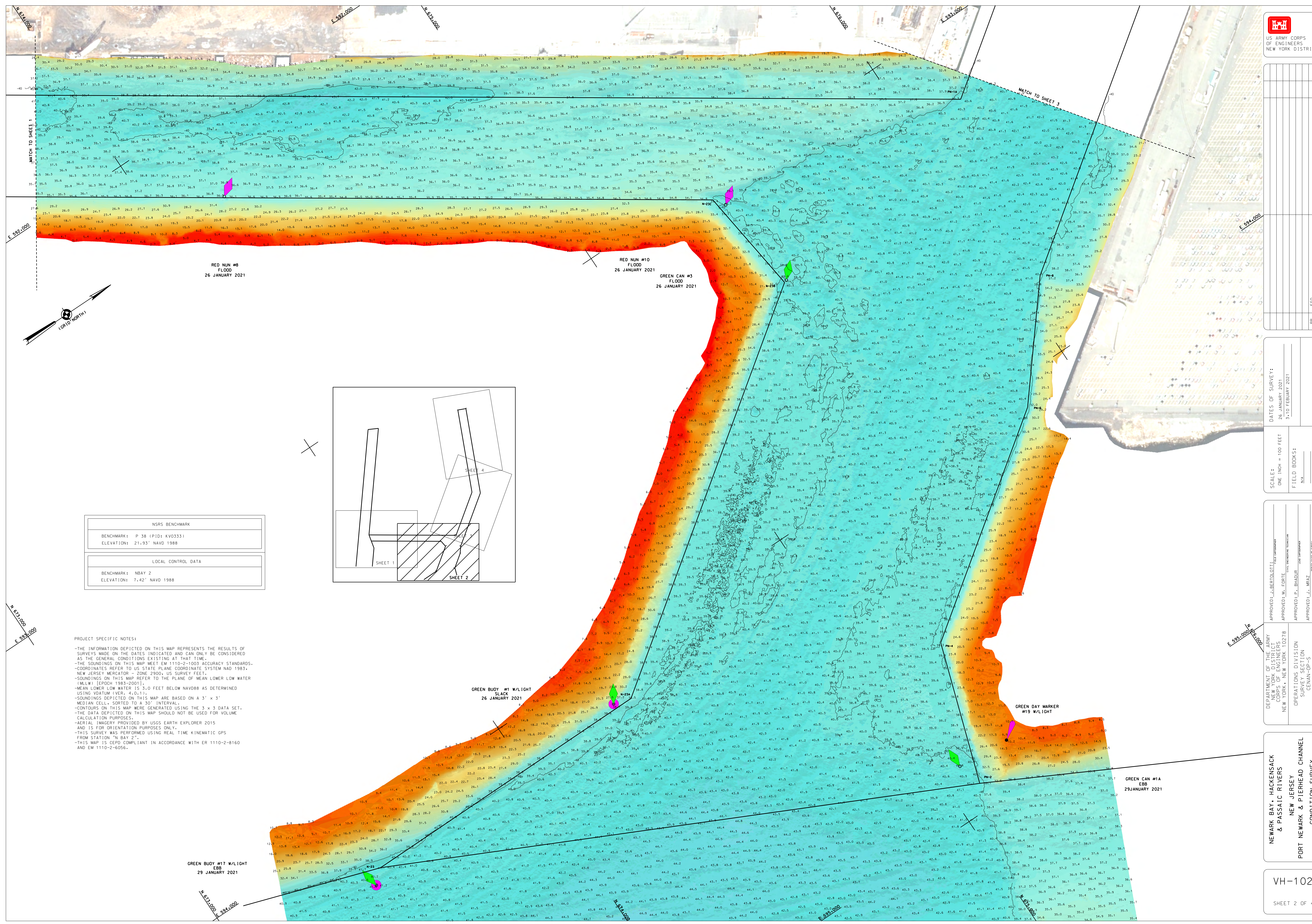
DEPARTMENT OF THE ARMY CONSTRUCTION CENTER COSP'S OF ENGINEERS NEW YORK, NEW YORK 10278	APPROVED: J. BERGOLITZ JOINT AUTHORITY APPROVED: M. FORTE CIVIL ENGINEERING SOCIETY APPROVED: P. BHADRI UNIT AUTHORITY APPROVED: J. MONZ
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NEWARK BAY, HACKENSACK
& PASSAIC RIVERS
NEW JERSEY
PORT NEWARK & PIERHEAD CHANNEL
CONDITION SURVEY

VH-102

SHEET 2 OF 4

REQ. NO./FILE NO.:5031/M



[illegible]

SCALE: ONE INCH = 100 FEET	DATES OF SURVEY: 26 JANUARY 2021 3.10 FEBRUARY 2021
FIELD BOOKS: N/A	REG. NO./FILE NO. 5033/P1

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

APPROVED: J. BERTUOLINI
FACILITY COMMANDER

APPROVED: M. FORTE
CIVIL ENGINEERING DIVISION

APPROVED: P. BHADUR
LSD COMMANDER

APPROVED: J. MEJAZ
DEPT. CHIEF OF STAFF

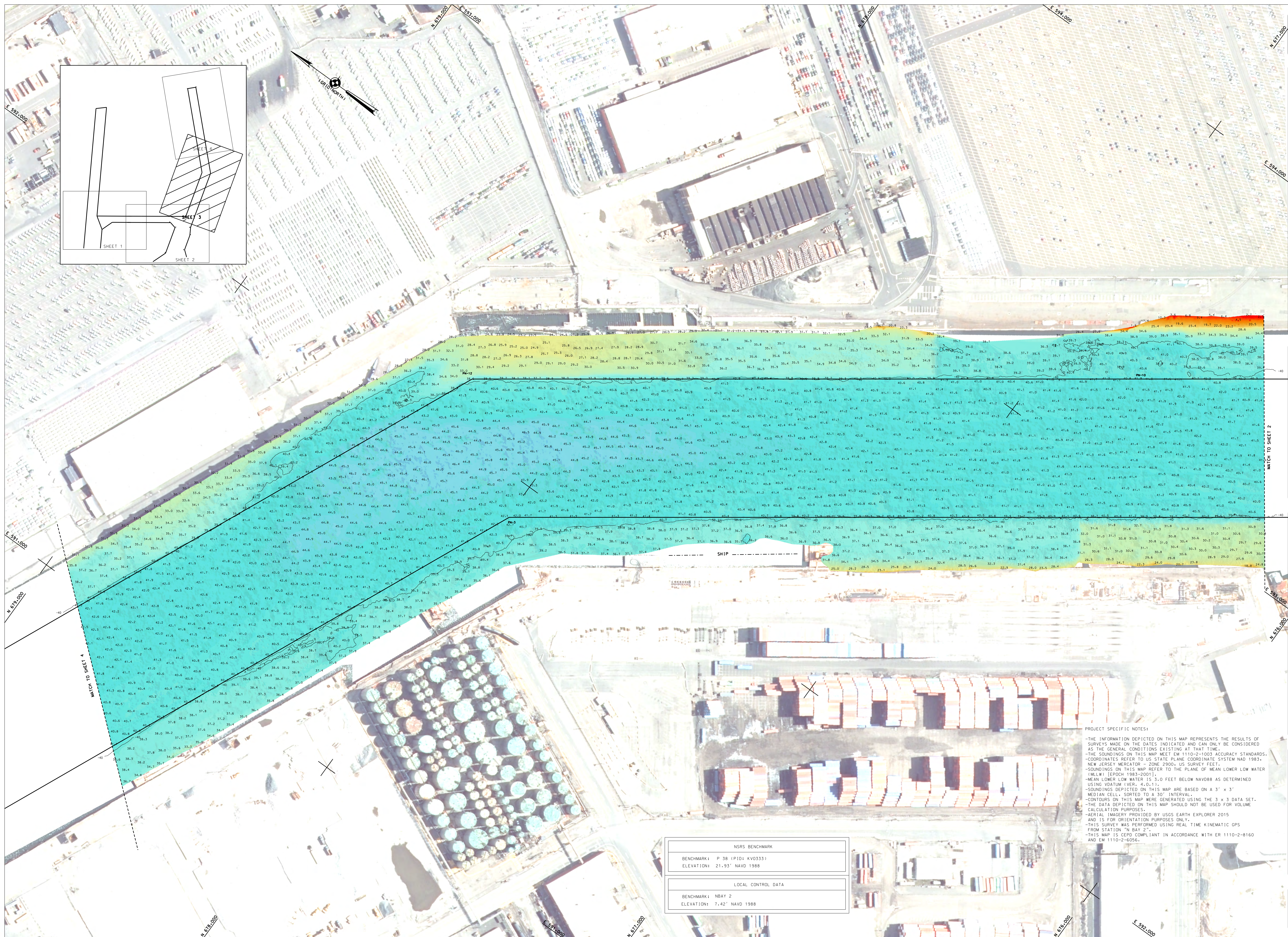
DATE: 10. FEBRUARY 2006

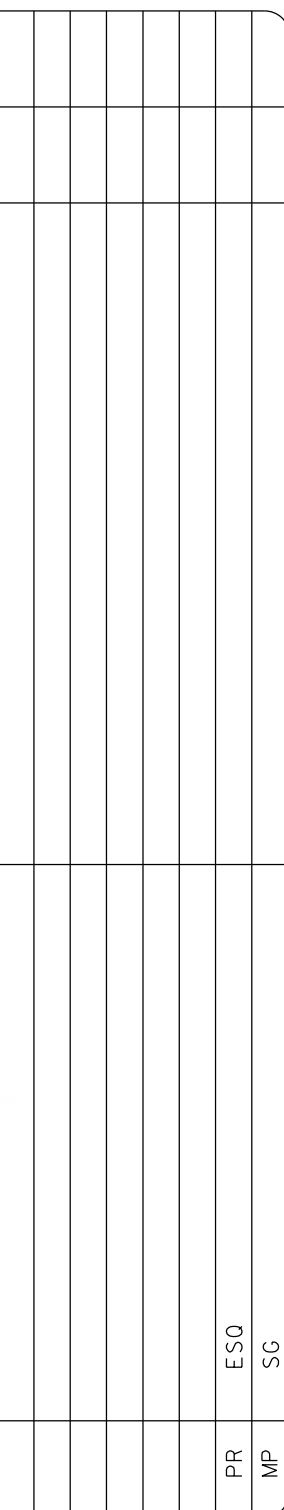
NEWARK BAY, HACKENSACK
& PASSAIC RIVERS
NEW JERSEY
PORT NEWARK & PIERHEAD CHANNEL
CONDITION SURVEY

VH-103

SHEET 3 OF 4

REQ. NO./FILE NO.:5031/N1





26 JANUARY 2021

3, 10 FEBRUARY 2021

REQ. NO./FILE NO.: 5031/NI

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

N/A

APPROVED: J. BERTULOTTI
FIELD ENGINEER

APPROVED: M. FORTE
CHIEF ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
LOCAL ASSISTANT

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY

DATE: 10 FEBRUARY 2021

NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

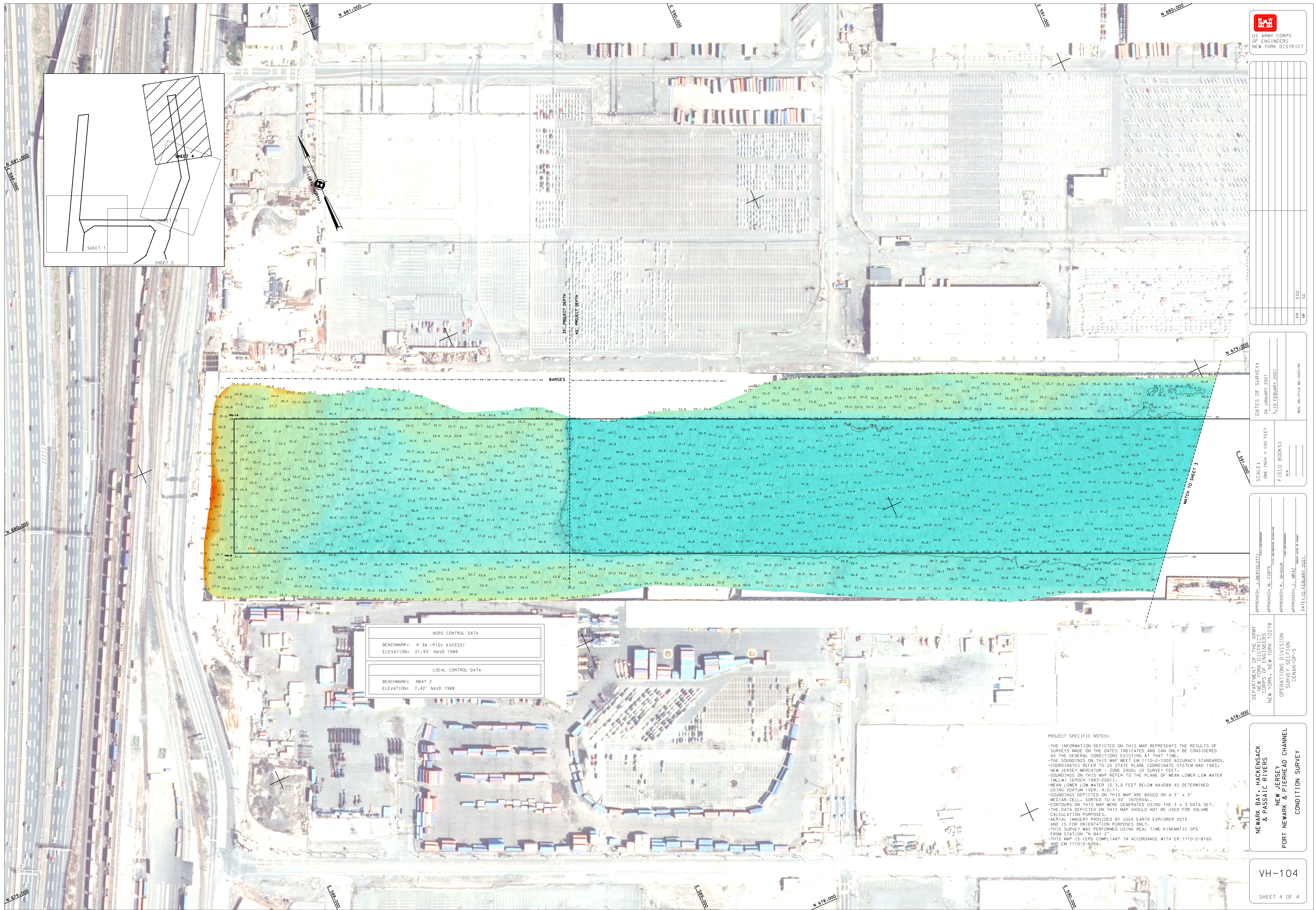
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW JERSEY
PORT NEWARK & PIERHEAD CHANNEL
CONDITION SURVEY

VH-104

SHEET 4 OF 4

REQ. NO./FILE NO.:5031/N1



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 SOURCING OF THIS MAP MEET EN 1110-2-1003 ACCURACY STANDARDS.
- COORDINATES REFER TO STATE PLANE, COORDINATE SYSTEM NAD 1983, NAD 1983 MERCATOR - ZONE 2900, U.S. FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) (FPOCH 1983-2001).
- MEAN LOWER LOW WATER IS 3.0 FEET BELOW NAVD83 AS DETERMINED USING VDAT4 (VER. 4.0.11).
- SOUNDING DEPTHS ON THIS MAP ARE BASED ON A 3' X 3' MEDIAN CELL, SORTED TO A 30' INTERVAL.
- CONTOURS OF DEPTH GENERATED USING THE 3' X 3 DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL PHOTOGRAPHY USED BY USGS EARTH EXPLORER 2015 AND IS FOR IDENTIFICATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION 125.
- THIS MAP IS IN FULL COMPLIANT IN ACCORDANCE WITH EN 1110-2-8160 AND EN 1110-2-6056.