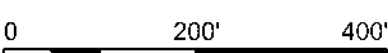


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- THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND LAMBERT - ZONE 3104, 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 2.8-2.9 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 0.4' INTERVALS.
- 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 DIGITAL COAST: NOAA IMAGERY DATABASE AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT".

BENCHMARK: P 342 (PID:KV0561)
ELEVATION: 38.36' (NAVD 1988)

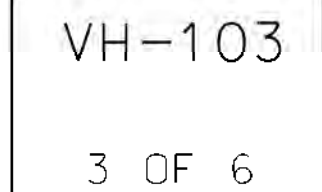
BENCHMARK: PK FISHING PIER 4 NORTH
ELEVATION: 6.03' (NAVD 1988)





BENCHMARK: P 342 (PID:KV0561)
ELEVATION: 38.36' (NAVD 1988)

BENCHMARK: PK FISHING PIER 4 NORTH
ELEVATION: 6.03' (NAVD 1988)

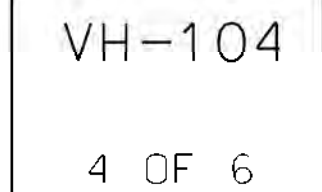


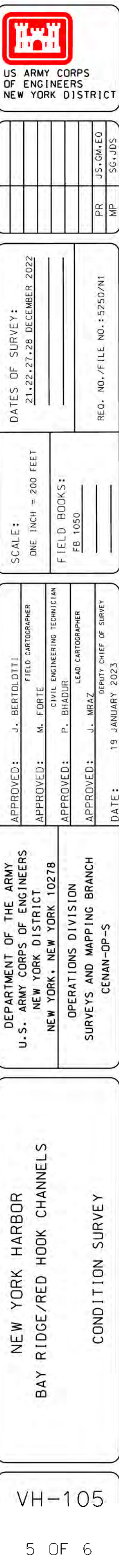


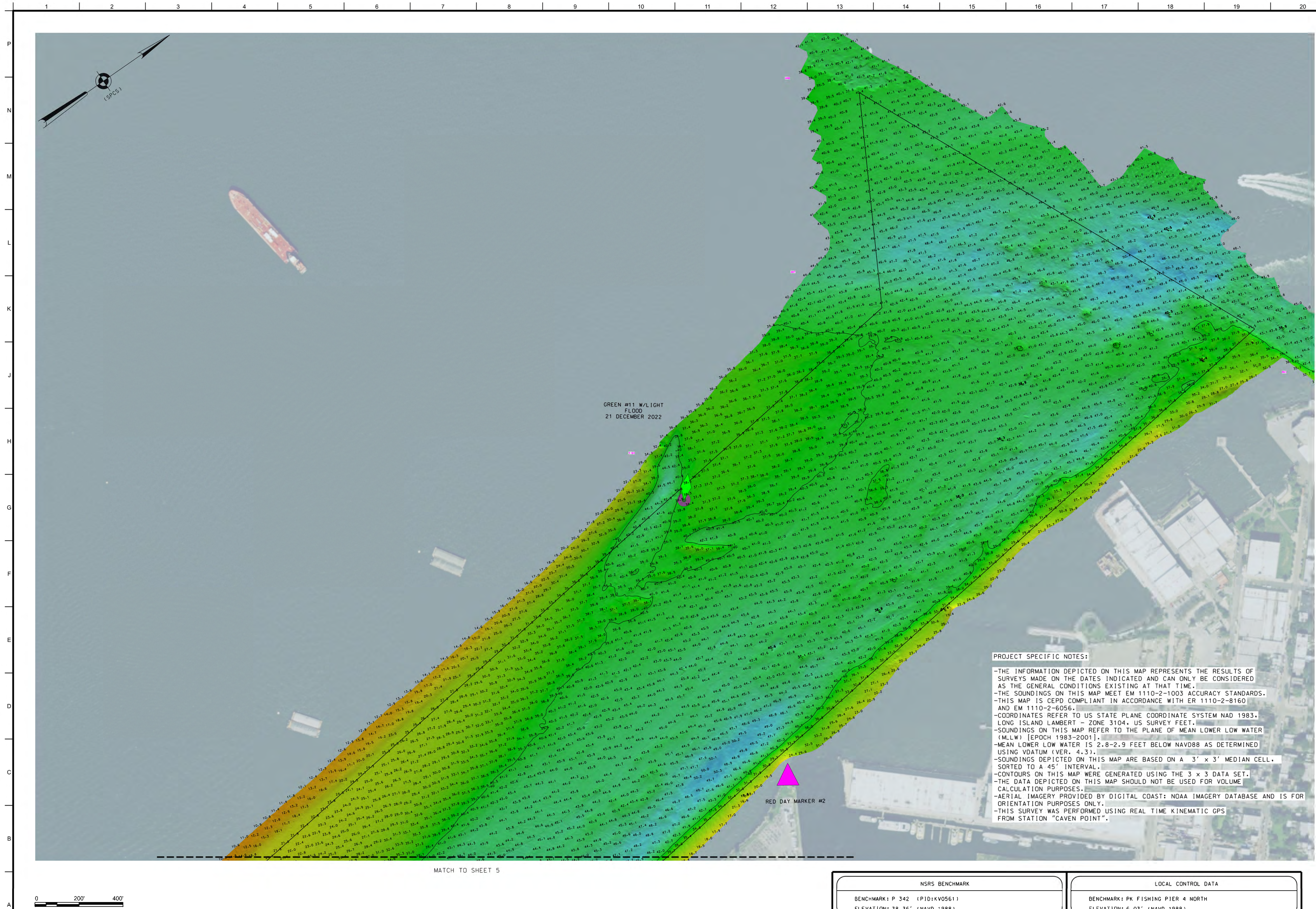
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- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 45° INTERVAL.
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BENCHMARK: P 342 (PID:KV0561)
ELEVATION: 38.36' (NAVD 1988)

BENCHMARK: PK FISHING PIER 4 NORTH
ELEVATION: 6.03' (NAVD 1988)







US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

[illegible]

DATES OF SURVEY:
21.22.27.28 DECEMBER 2022

SCALE:

FIELD BOOKS:

REQ. NO./FILE NO.: 5250/N1

APPROVED: J. BERTOLOTTI

FIELD CARTOGRAPHER

CIVIL ENGINEERING TECHNICIAN

APPROVED: _____
LEAD CARTOGRAPHER

DATE: 19 JANUARY 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-S

NEW YORK HARBOR
BAY RIDGE/RED HOOK CHANNELS

CONDITION SURVEY

VH-106

6 OF 6

PROJECT SPECIFIC NOTES:

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NSRS BENCHMARK

BENCHMARK: P 342 (PID:KV0561)
ELEVATION: 38.36' (NAVD 1988)

LOCAL CONTROL DATA

BENCHMARK: PK FISHING PIER 4 NORTH
ELEVATION: 6.03' (NAVD 1988)