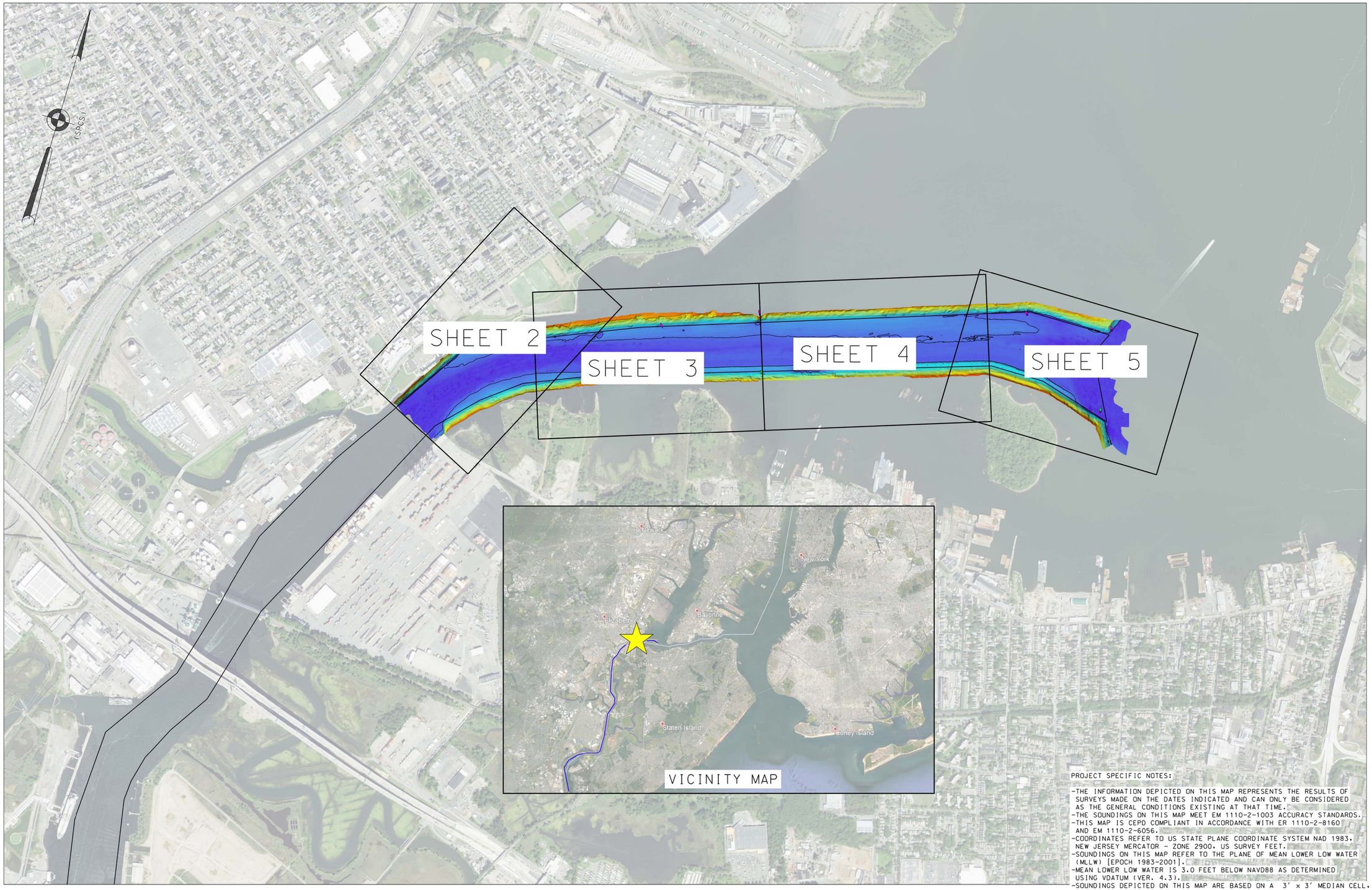


0 800' 1600'

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: ELIZ PARK VAULT
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 13.66' (NAVD 1988)

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 NJGIN WAREHOUSE 2019 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "ELIZ PARK VAULT"

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	FA
MP	SG

DATES OF SURVEY:
18,19 SEPTEMBER 2023

SCALE:
ONE INCH = 800 FEET

FIELD BOOKS:
DNA10

REQ. NO./FILE NO.: 5336/0/N1

APPROVED: P. KEARNS/M.APPELD
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 20 SEPTEMBER 2023

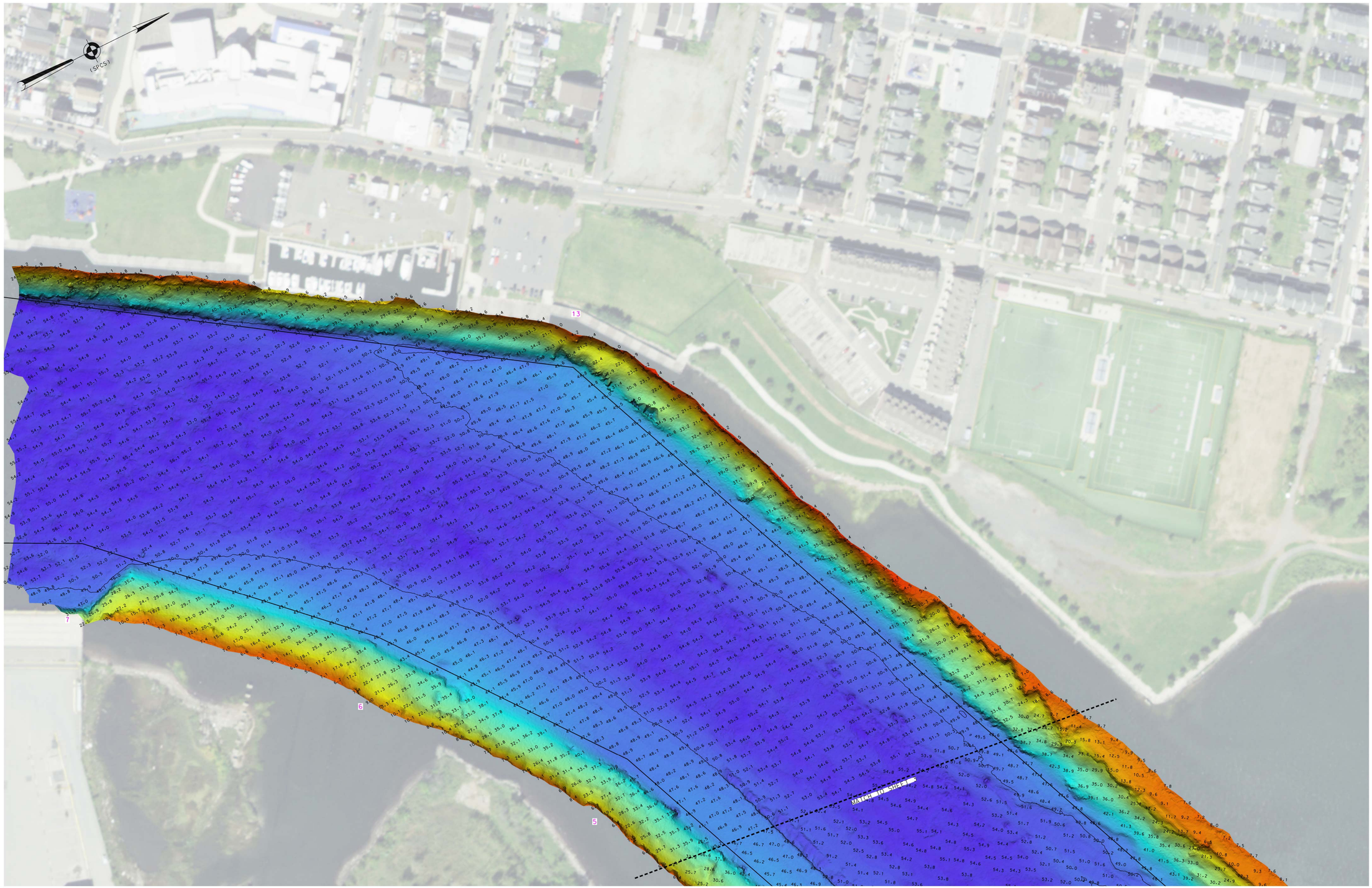
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL
AFTER DREDGE SURVEY

VH-101

1 OF 5



0 100' 200'

* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: ELIZ PARK VAULT
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 13.66' (NAVD 1988)

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

PR	FA
MP	SG

DATES OF SURVEY: 18/10 SEPTEMBER 2023

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: DNA10

REQ. NO./FILE NO.: 5349/0/N1

APPROVED: P. KEARNS/M.APPELD — FIELD CARTOGRAPHER

APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIKAZ — DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 20 SEPTEMBER 2023

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NEW YORK, NEW YORK 10278

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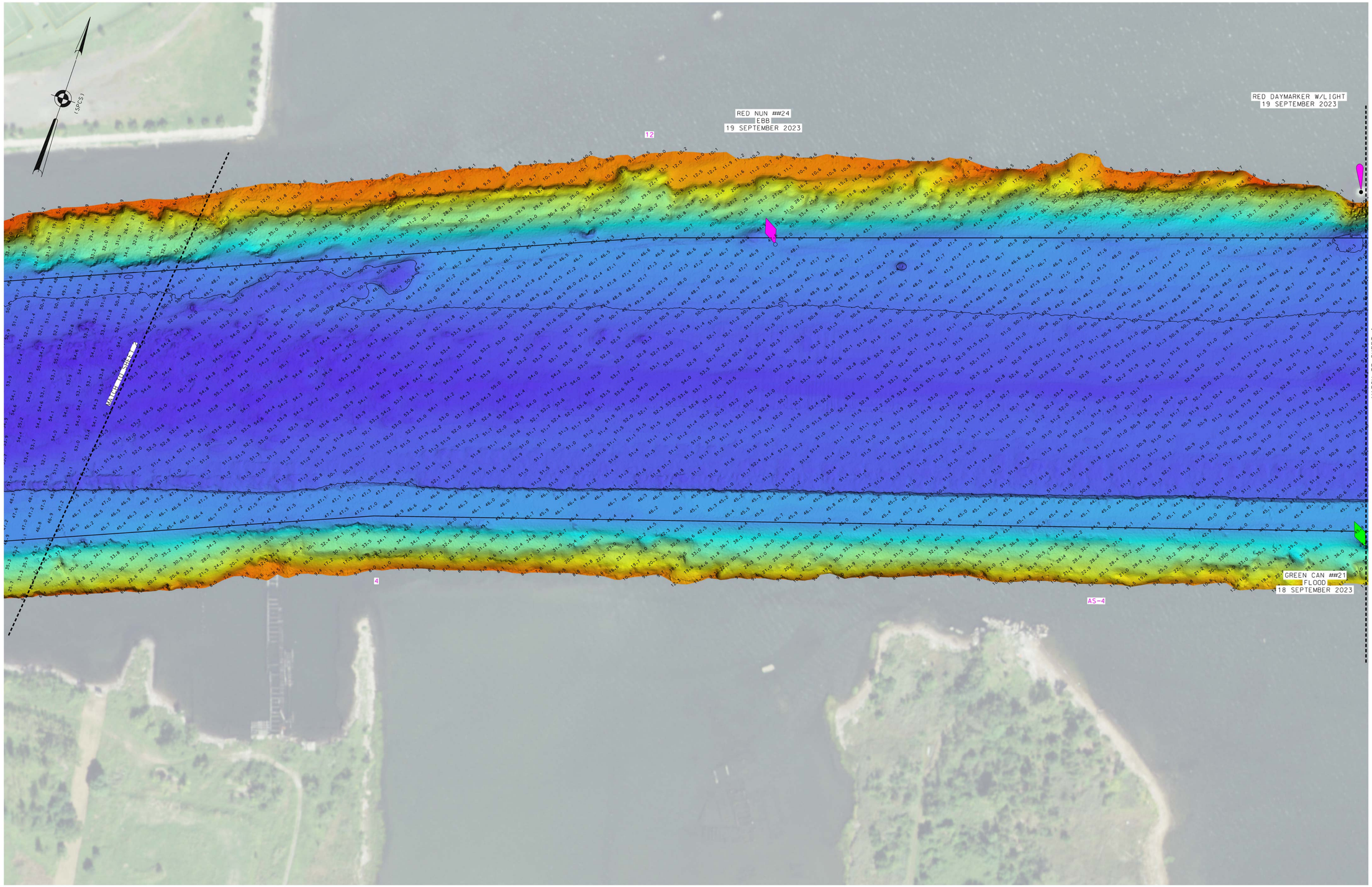
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL
AFTER DREDGE SURVEY

VH-102

2 OF 5



0 100' 200'

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	FA
MP	SG

DATES OF SURVEY:
18,19 SEPTEMBER 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA10

REQ. NO./FILE NO.: 5349/0/N1

APPROVED: P. KEARNS/M.APPELD
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIKAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 20 SEPTEMBER 2023

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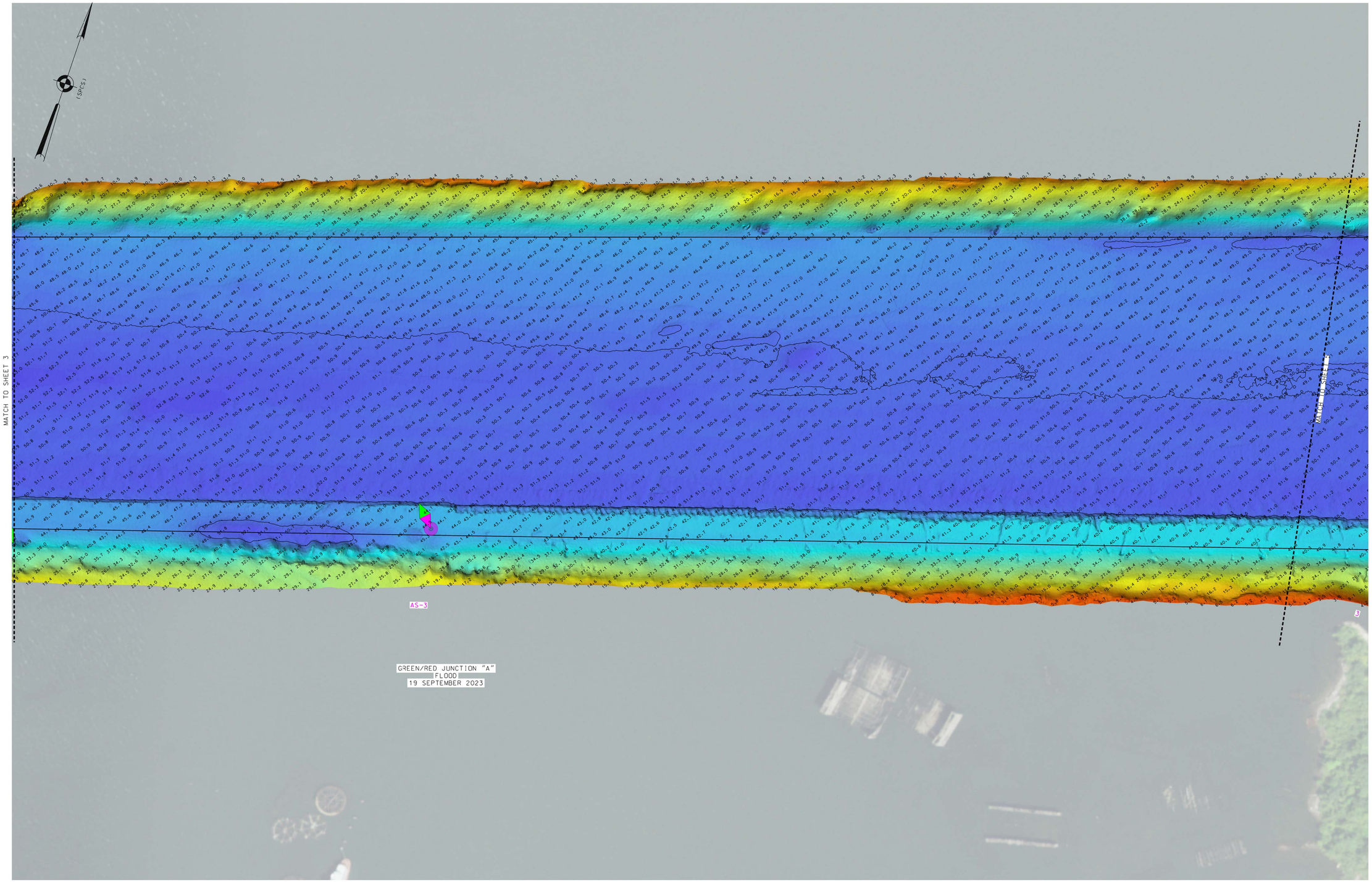
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

AFTER DREDGE SURVEY

VH-103

3 OF 5



0 100' 200'

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	FA
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ONE INCH = 100 FEET

FIELD BOOKS:
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REQ. NO./FILE NO.: 5349/0/N1

APPROVED: P. KEARNS/M.APPELD
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CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MEAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 20 SEPTEMBER 2023

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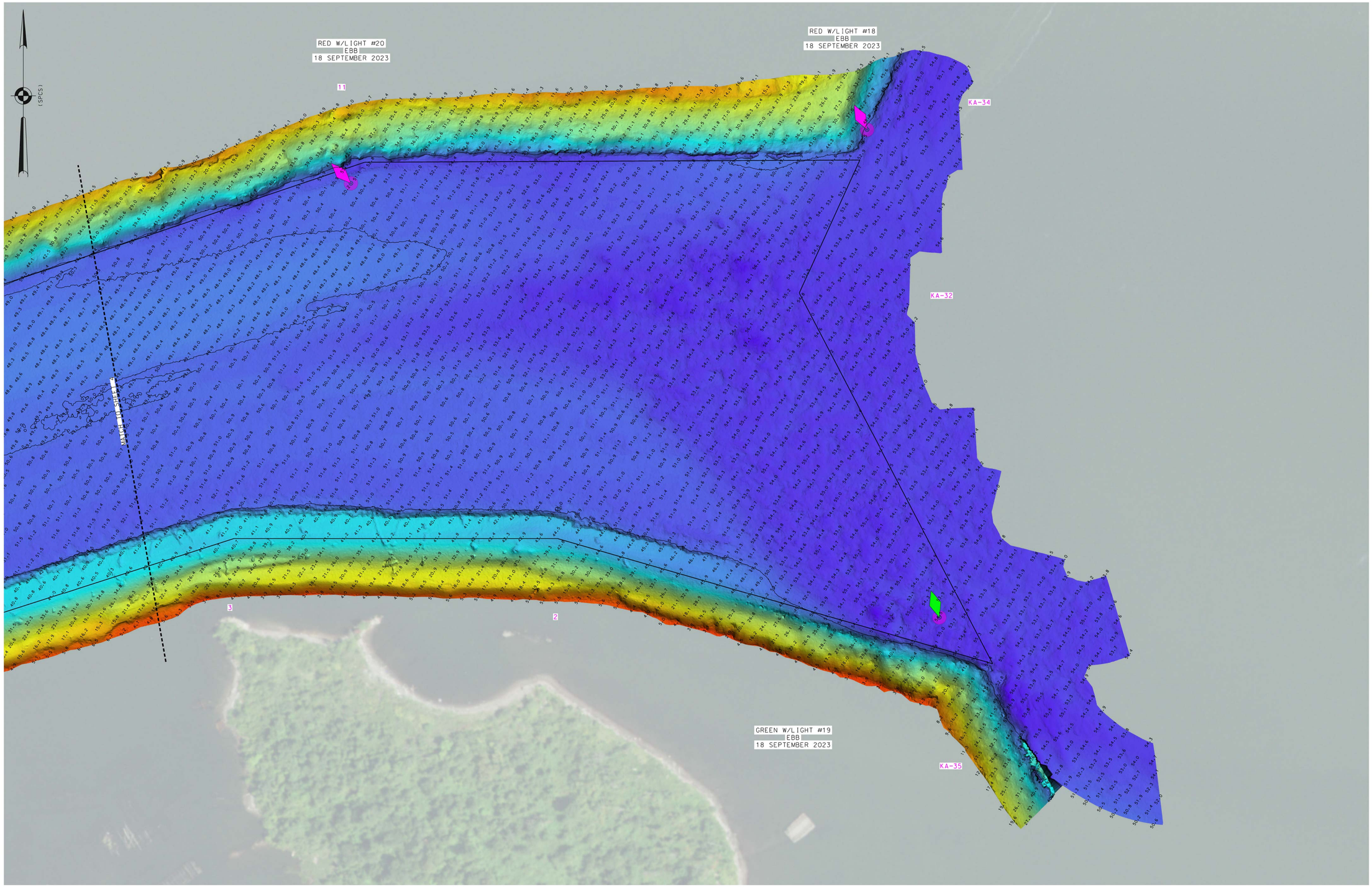
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

AFTER DREDGE SURVEY

VH-104



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NSRS BENCHMARK	LOCAL CONTROL DATA
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NEW YORK DISTRICT

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NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL
AFTER DREDGE SURVEY

VH-105

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