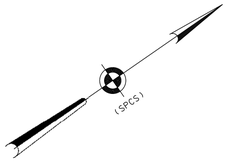
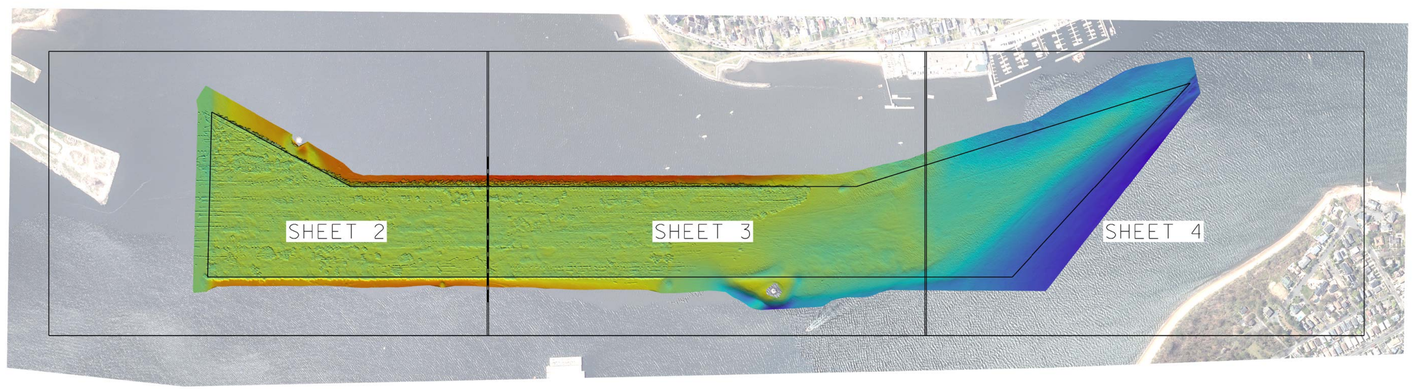




0 500' 1000'

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B 5 (PID: KV0006)	BENCHMARK: AJD 10023
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.69' (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 3.1 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.6.1).
- 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 2022 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "BM FIRE".

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CM	
VP	CM-RR	

DATES OF SURVEY:
7-8 OCTOBER 2024

SCALE:
ONE INCH = 500 FEET

FIELD BOOKS:
DNA 10

REQ. NO./FILE NO.: 5489/0

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MR. KAZ — DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 10 OCTOBER 2024

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

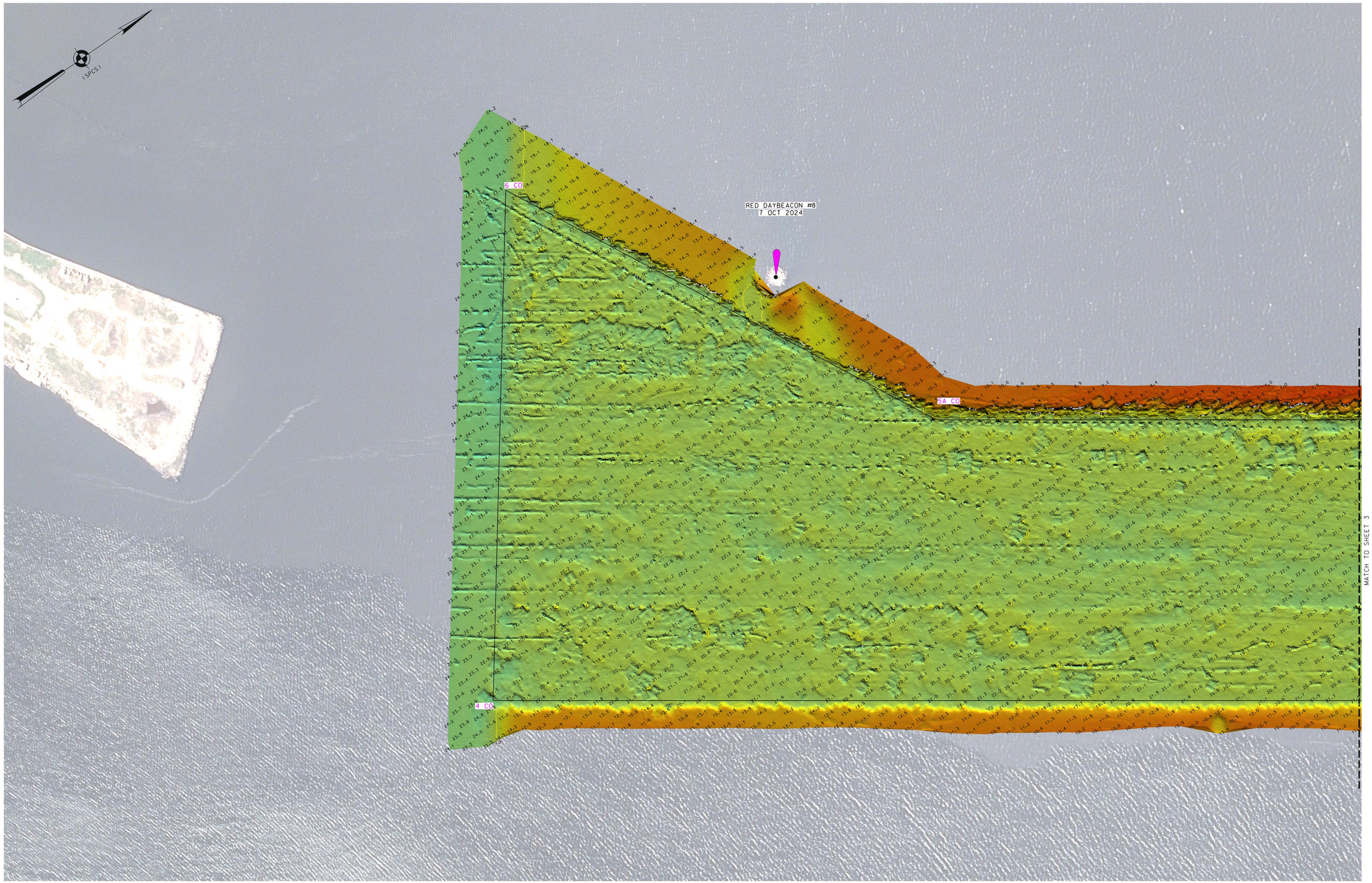
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER TO ARTHUR KILL CUT-OFF CHANNEL
NEW JERSEY

AFTER DREDGE SURVEY

VH-101

1 OF 4



0 100' 200'

* FOR PROJECT SPECIFIC NOTES AND CONTROL, REFER TO VH-101.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CM	
MP	CM-RR	

DATES OF SURVEY:
7-8 OCTOBER 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REQ. NO./FILE NO.: 5489/0

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIRAZ — DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 10 OCTOBER 2024

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NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

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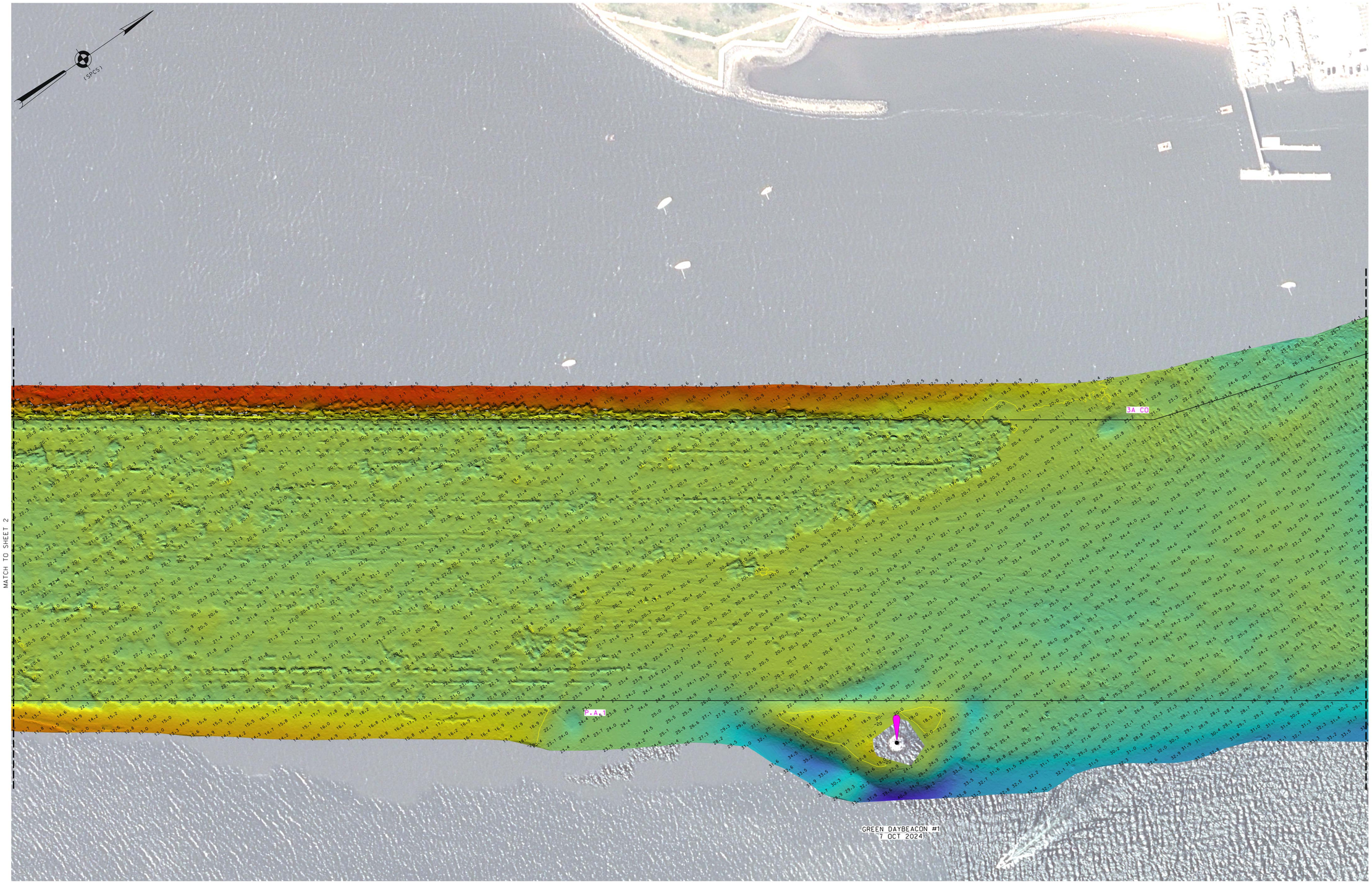
CENAN-OP-SS

RARITAN RIVER TO ARTHUR KILL CUT-OFF CHANNEL
NEW JERSEY

AFTER DREDGE SURVEY

VH-102

2 OF 4



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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	CM	
MP	CM-RR	

DATES OF SURVEY:
7-8 OCTOBER 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REQ. NO./FILE NO.: 5489/0

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
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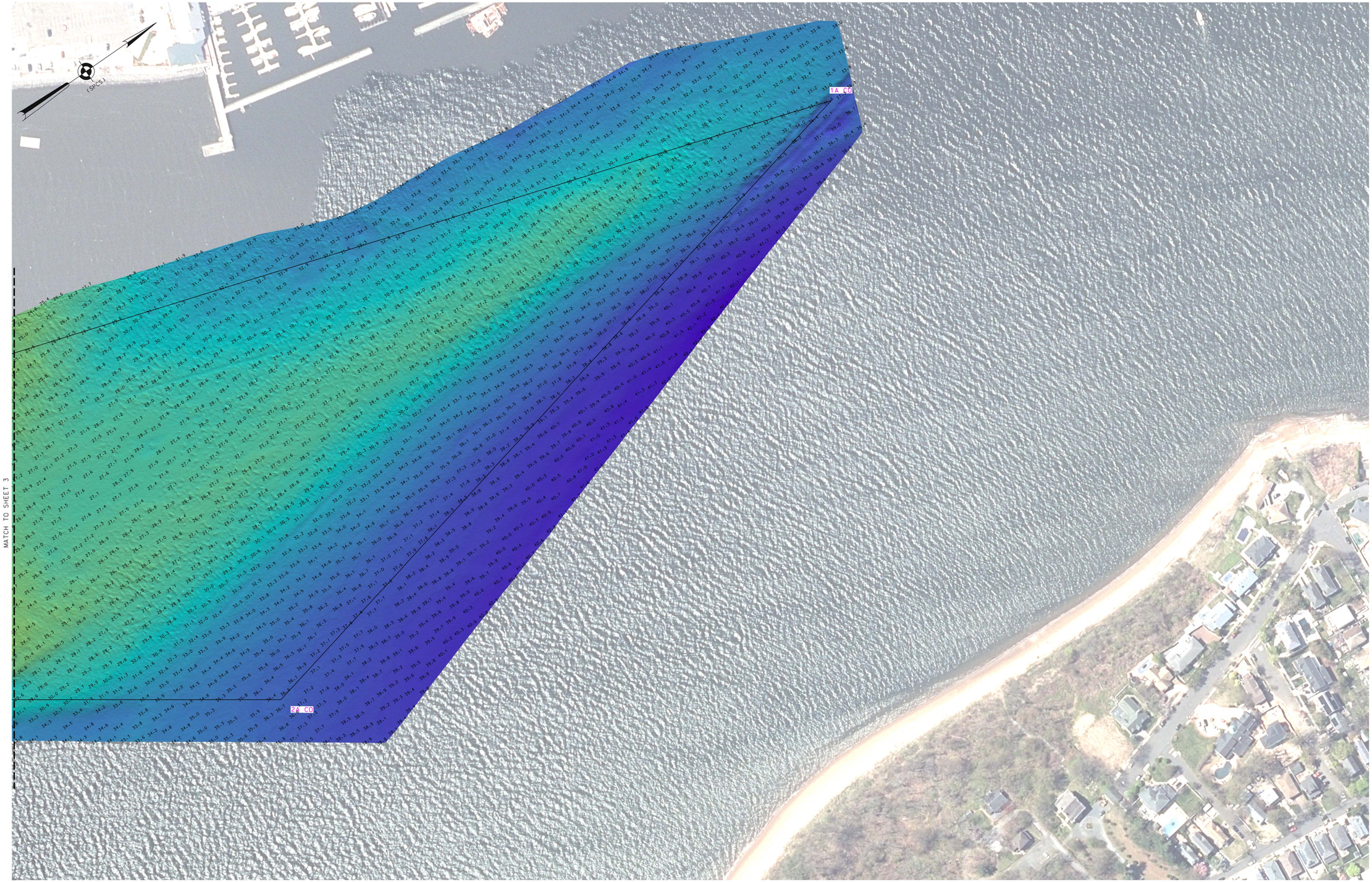
CENAN-OP-SS

RARITAN RIVER TO ARTHUR KILL CUT-OFF CHANNEL
NEW JERSEY

AFTER DREDGE SURVEY

VH-103

3 OF 4



0 100' 200'

* FOR PROJECT SPECIFIC NOTES AND CONTROL, REFER TO VH-101.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	CM	
MP	CM-RR	

DATES OF SURVEY:
7-8 OCTOBER 2024

SCALE:
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REQ. NO./FILE NO.: 5489/0

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NEW JERSEY

AFTER DREDGE SURVEY

VH-104

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