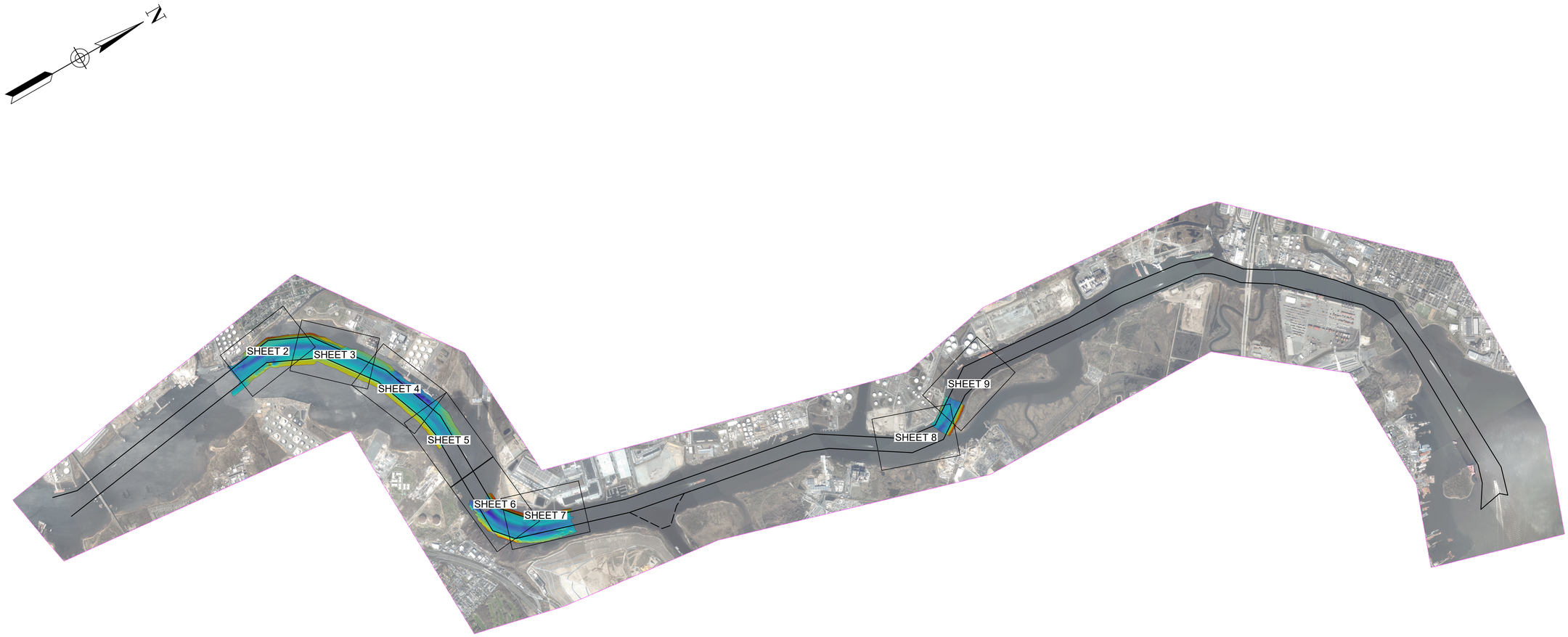



0 2000 4000 Feet

| NSRS BENCHMARK | LOCAL CONTROL |
|---|---|
| BENCHMARK: AK 2 | BENCHMARK: AK 2 RM1 |
| ELEVATION: 20.39' (NAVD 1988) | ELEVATION: 9.10' (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 3.2 - 3.3 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.8).
-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 NYGIN 2023 AND IS FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "AK 2".

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| | PR | EQ |
|---|---|---|
| | MP | CWE |

DATES OF SURVEY: 04 - 05 AUGUST 2026

SCALE: ONE INCH = 2000 FEET

FIELD BOOKS: 1057

REQUEST NUMBER: 5726IN3/N4

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER

APPROVED: B. HIGGINS, LEAD CARTOGRAPHER

APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION

APPROVED: J. MIRAZ, CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 17 AUGUST 2026

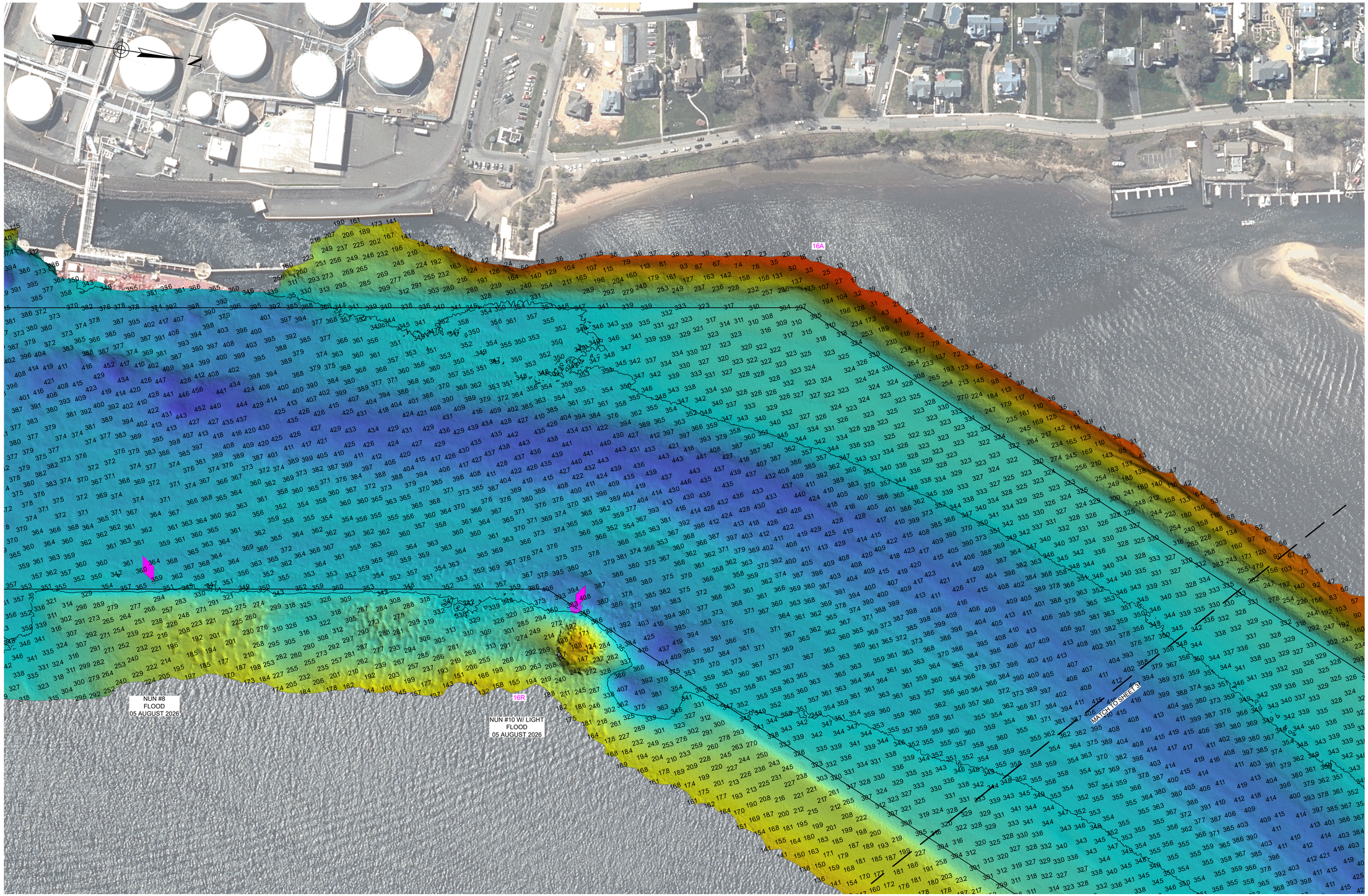
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NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

# NEW YORK & NEW JERSEY CHANNELS
# ARTHUR KILL CHANNEL
# 35FT REACH
# BEFORE DREDGE SURVEY

VH-101

1 OF 9




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

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| | | |
|---|---|---|
| | PR | EO |
| | MP | CWF |

DATES OF SURVEY: 04 - 06 AUGUST 2026

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 1057

REQUEST NUMBER: 5726IN3IN4

| | | |
|---|---|---|
| APPROVED: | J. MCKELVEY | FIELD CARTOGRAPHER |
| APPROVED: | B. HIGGINS | LEAD CARTOGRAPHER |
| APPROVED: | P. BHADUR | CHIEF OF SURVEY SUPPORT SECTION |
| APPROVED: | M. MAZ | CHIEF OF SURVEYS AND MAPPING BRANCH |
| ISSUE DATE: | 17 AUGUST 2026 | |

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# NEW YORK & NEW JERSEY CHANNELS
# ARTHUR KILL CHANNEL
# 35FT REACH
# BEFORE DREDGE SURVEY

VH-102

2 OF 9

GREEN #11 W/ LIGHT
FLOOD
05 AUGUST 2026

17A

17R
NUN #12 W/ LIGHT
FLOOD
05 AUGUST 2026

MATCH TO SHEET 2

MATCH TO SHEET 4

0 100 200 Feet

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

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| PR | EO |
|---|---|
| VP | CWF |

DATES OF SURVEY:
04 - 06 AUGUST 2026

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1057

REQUEST NUMBER: 5726IN3IN4

| | | |
|---|---|---|
| APPROVED: | J. MCKELVEY | FIELD CARTOGRAPHER |
| APPROVED: | B. HIGGINS | LEAD CARTOGRAPHER |
| APPROVED: | P. BHADUR | CHIEF OF SURVEY SUPPORT SECTION |
| APPROVED: | A. KEY | CHIEF OF SURVEYS AND MAPPING BRANCH |
| ISSUE DATE: | 17 AUGUST 2026 | |

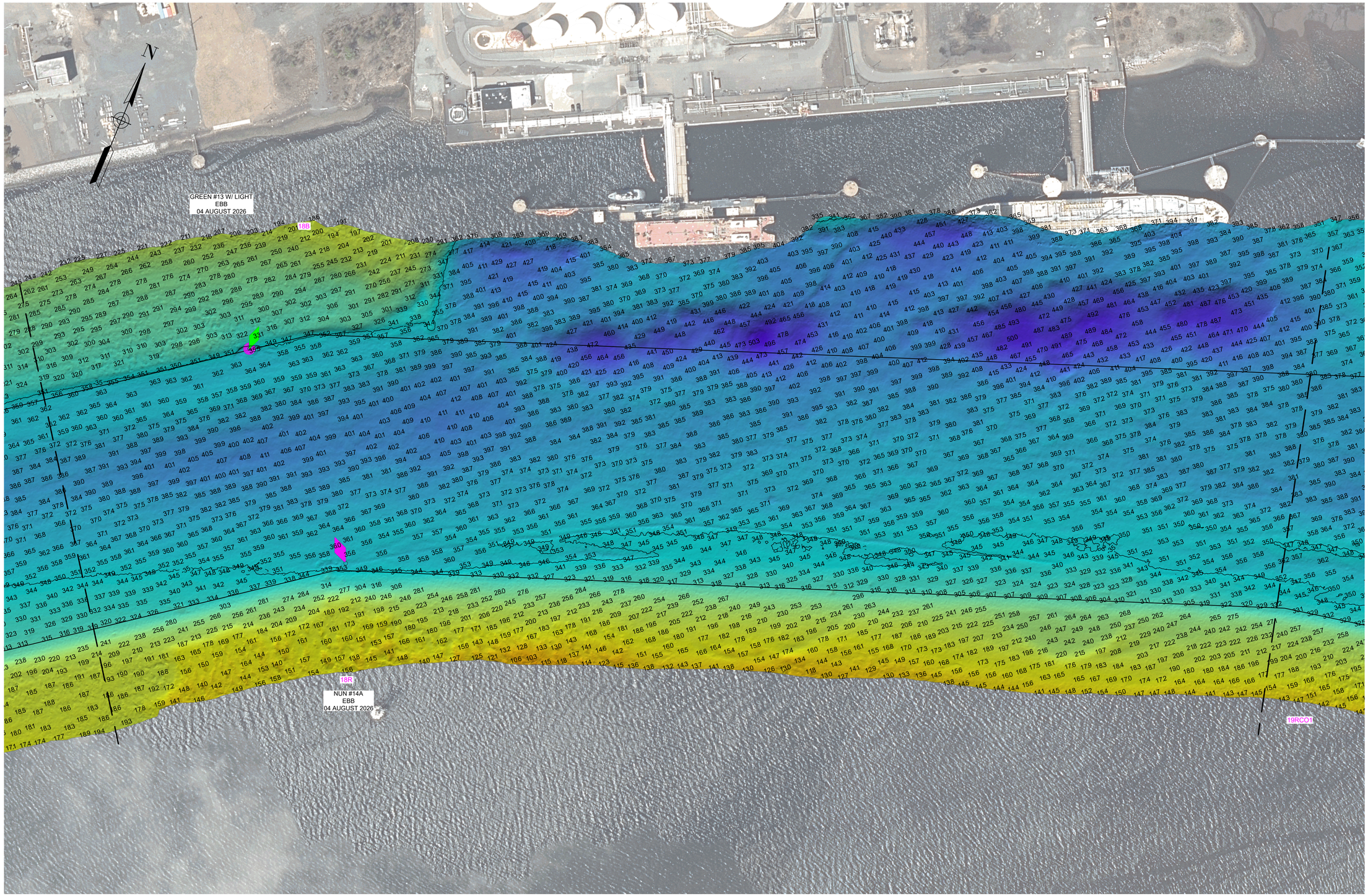
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# NEW YORK & NEW JERSEY CHANNELS
## ARTHUR KILL CHANNEL
## 35FT REACH
## BEFORE DREDGE SURVEY

VH-103

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

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| | PR | EO |
|---|---|---|
| | MP | CWF |

DATES OF SURVEY: 04 - 06 AUGUST 2026

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 1057

REQUEST NUMBER: 5726IN3IN4

| | |
|---|---|
| APPROVED: | J. MCKELVEY<br>FIELD CARTOGRAPHER |
| APPROVED: | B. HIGGINS<br>LEAD CARTOGRAPHER |
| APPROVED: | P. BHADUR<br>CHIEF OF SURVEY SUPPORT SECTION |
| APPROVED: | M. MAZZ<br>CHIEF OF SURVEYS AND MAPPING BRANCH |
| ISSUE DATE: | 17 AUGUST 2026 |

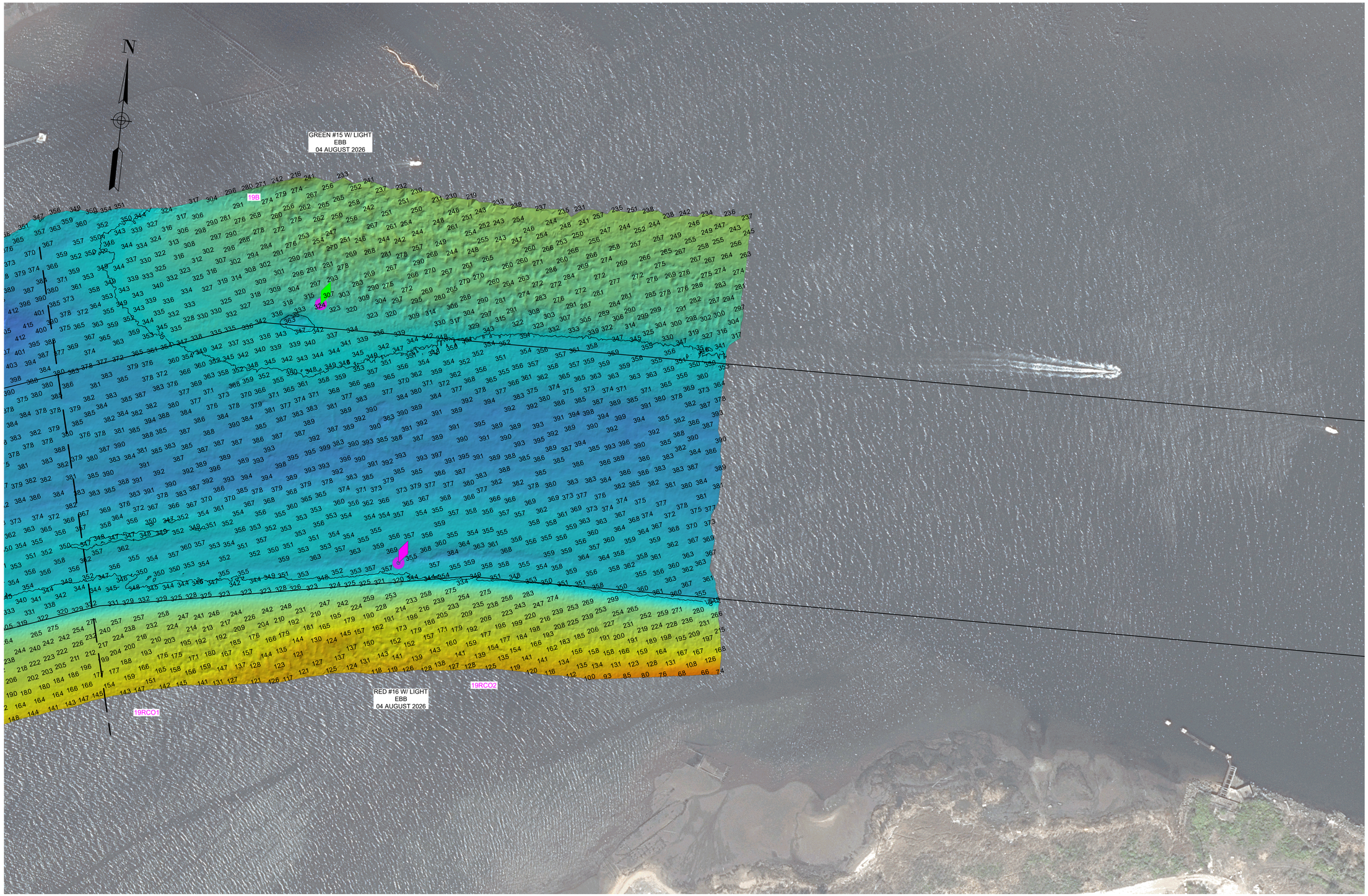
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OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
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# NEW YORK & NEW JERSEY CHANNELS
# ARTHUR KILL CHANNEL
# 35FT REACH
# BEFORE DREDGE SURVEY

VH-104

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

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| PR | EO |
|---|---|
| UP | CWF |

DATES OF SURVEY: 04 - 06 AUGUST 2026

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 1057

REQUEST NUMBER: 5726/N3/N4

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER

APPROVED: B. HIGGINS, LEAD CARTOGRAPHER

APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MARK A. MAZZ, CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 17 AUGUST 2026

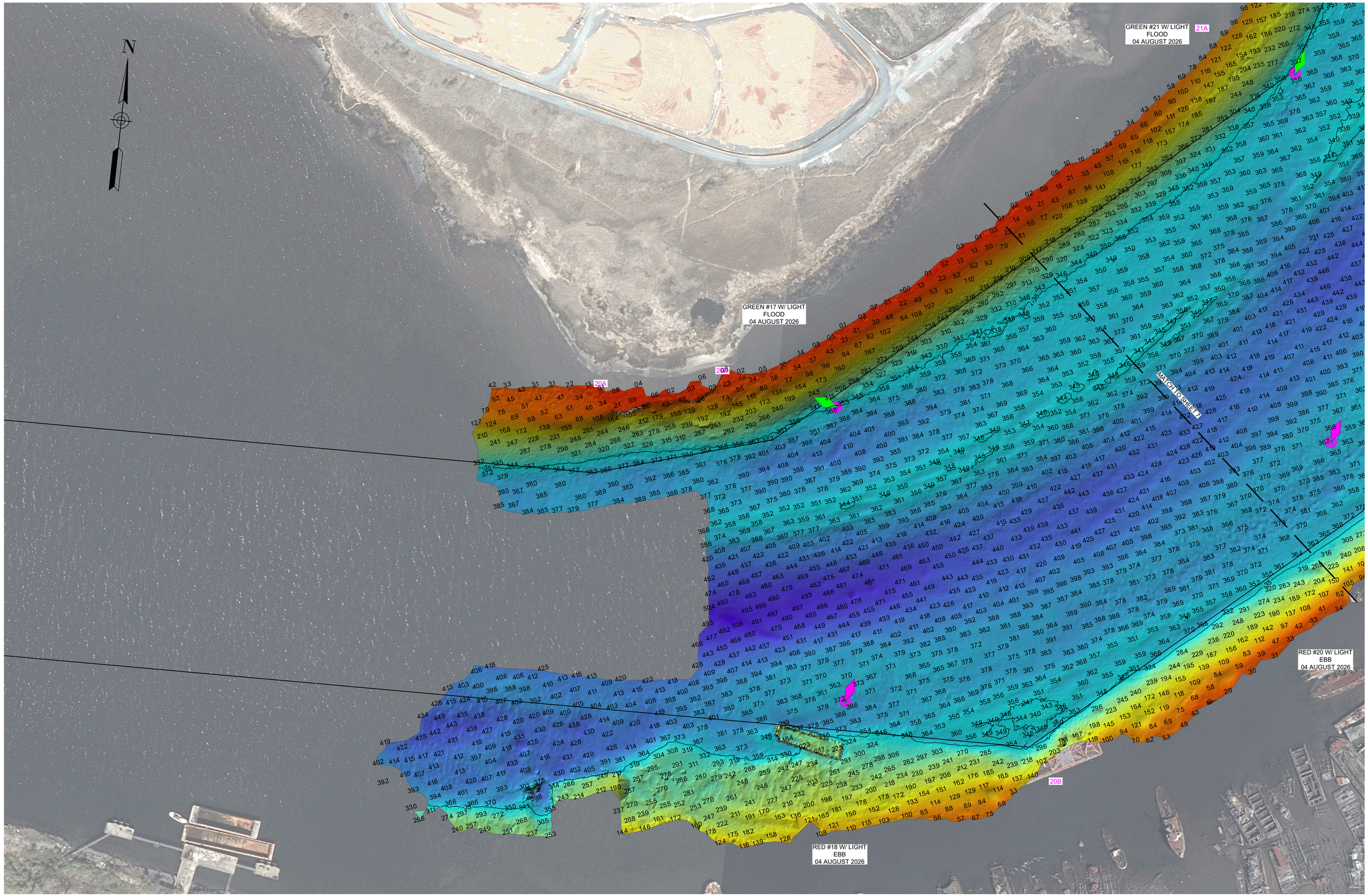
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# NEW YORK & NEW JERSEY CHANNELS
# ARTHUR KILL CHANNEL
# 35FT REACH
# BEFORE DREDGE SURVEY

VH-105

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

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| PR | EO |
|---|---|
| UP | CWF |

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 1057

DATES OF SURVEY: 04 - 06 AUGUST 2026

REQUEST NUMBER: 5726IN3IN4

| | | |
|---|---|---|
| APPROVED: | J. MCKELVEY | FIELD CARTOGRAPHER |
| APPROVED: | B. HIGGINS | LEAD CARTOGRAPHER |
| APPROVED: | P. BHADUR | CHIEF OF SURVEY SUPPORT SECTION |
| APPROVED: | M. KEY | CHIEF OF SURVEYS AND MAPPING BRANCH |
| ISSUE DATE: | 17 AUGUST 2026 | |

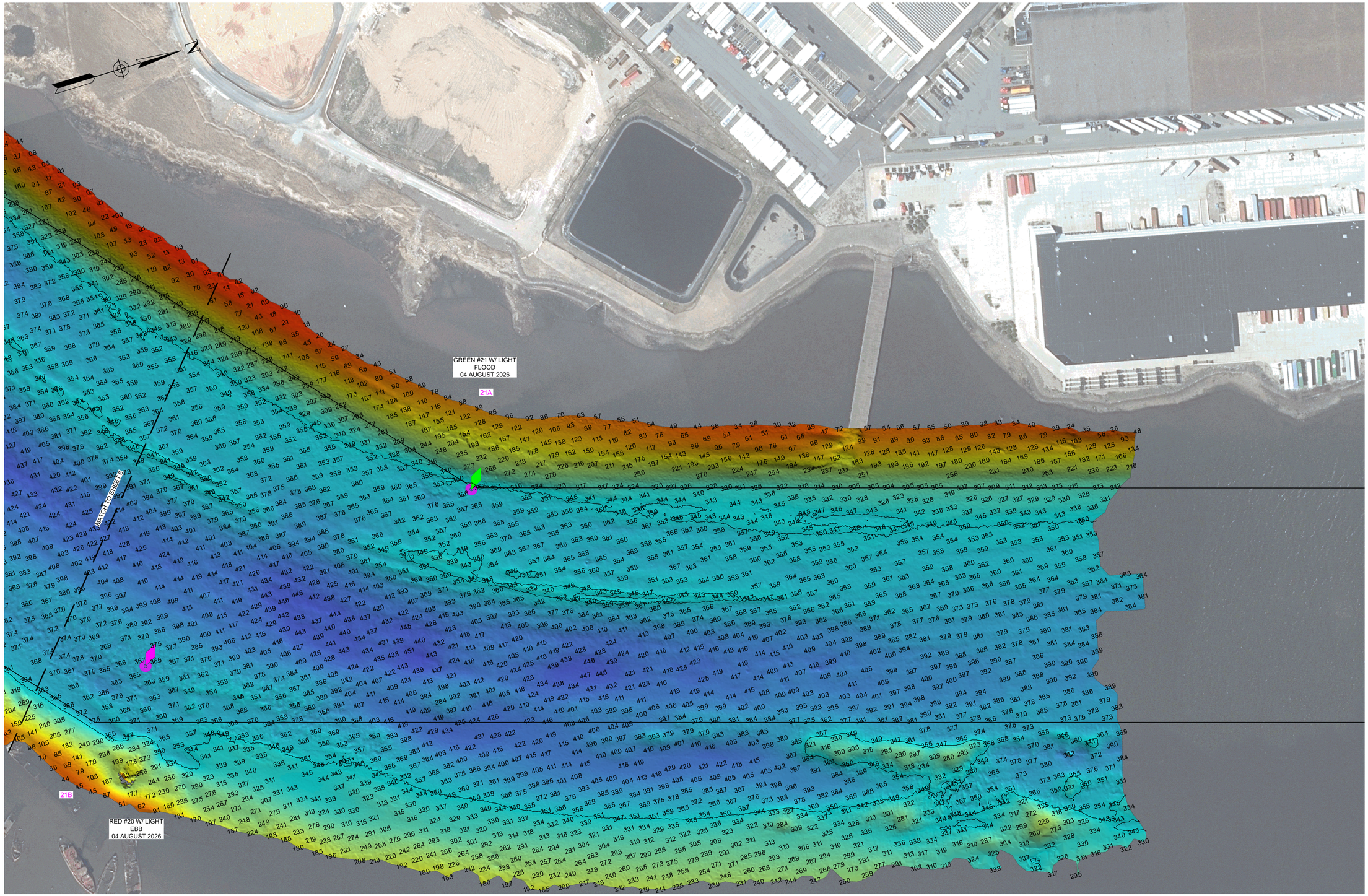
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OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

# NEW YORK & NEW JERSEY CHANNELS
## ARTHUR KILL CHANNEL
## 35FT REACH
## BEFORE DREDGE SURVEY

VH-106

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|---|---|---|
| | MP | CWF |

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 1057

DATES OF SURVEY: 04 - 06 AUGUST 2026

REQUEST NUMBER: 5726IN3IN4

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER

APPROVED: B. HIGGINS, LEAD CARTOGRAPHER

APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION

APPROVED: M. MAY, CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 17 AUGUST 2026

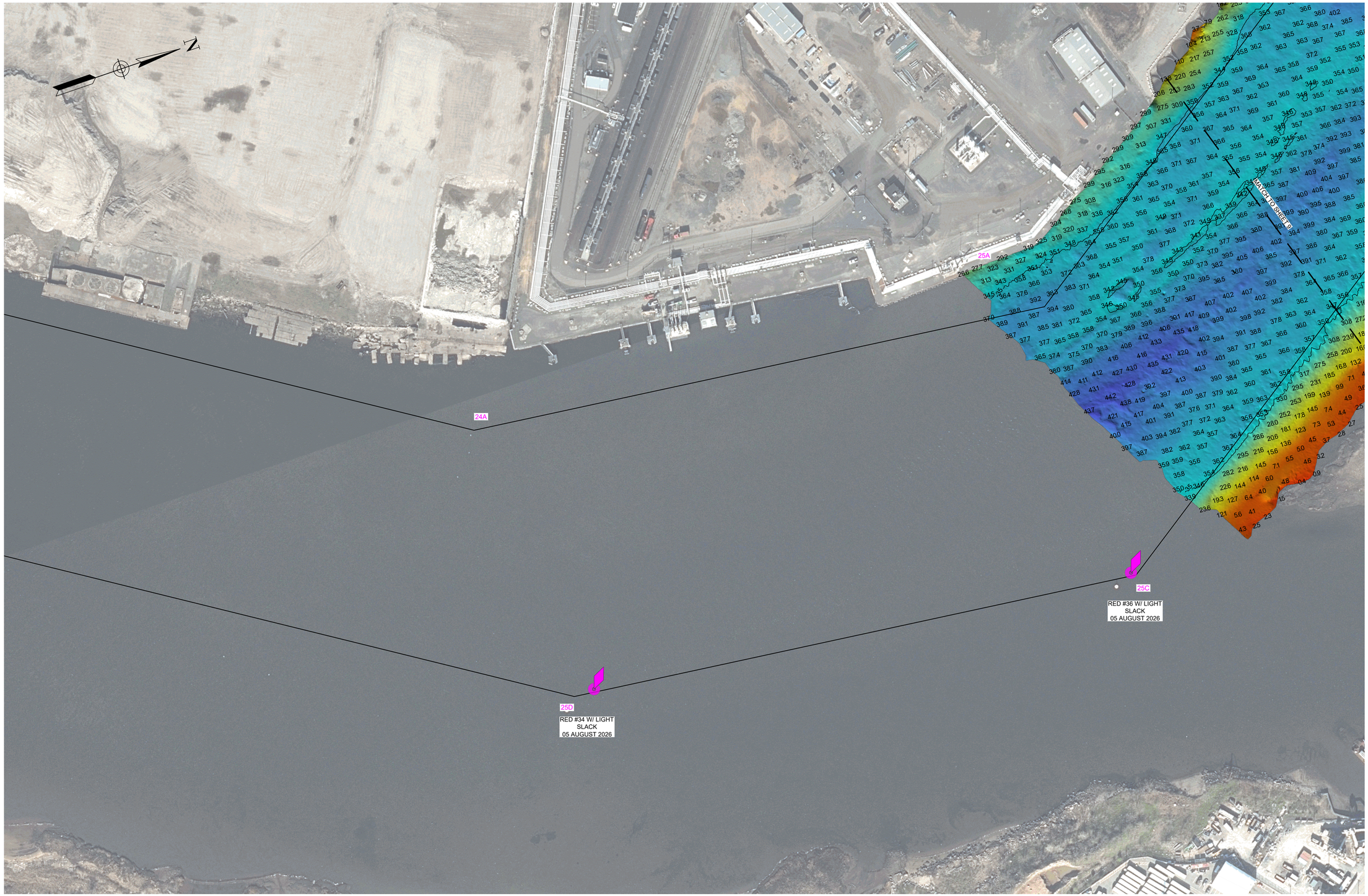
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SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

# NEW YORK & NEW JERSEY CHANNELS
# ARTHUR KILL CHANNEL
# 35FT REACH
# BEFORE DREDGE SURVEY

VH-107

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

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|---|---|---|
| | MP | CWF |

DATES OF SURVEY: 04 - 06 AUGUST 2026

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 1057

REQUEST NUMBER: 5726IN3IN4

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER

APPROVED: B. HIGGINS, LEAD CARTOGRAPHER

APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION

APPROVED: M. MAZ, CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 17 AUGUST 2026

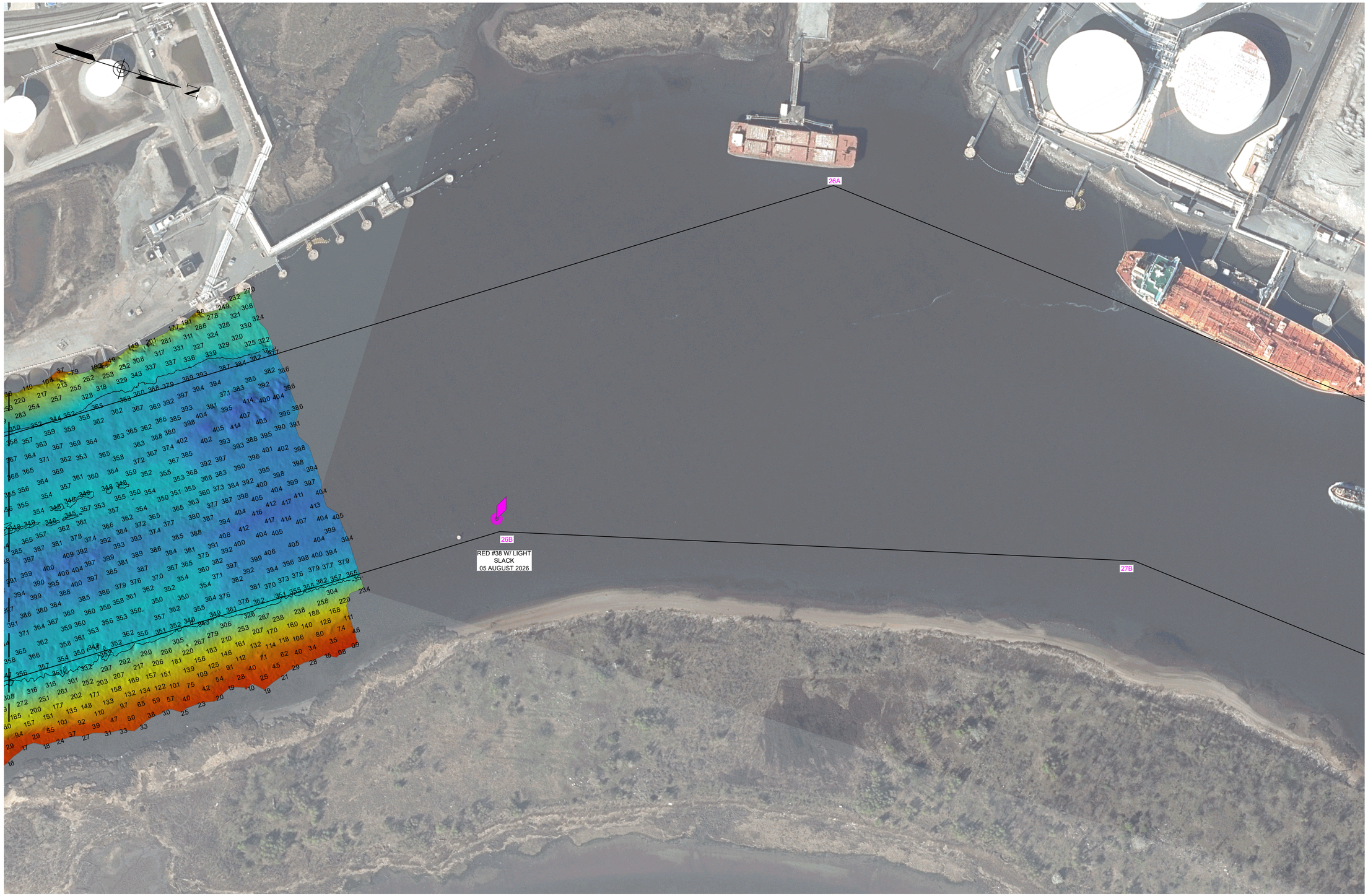
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# NEW YORK & NEW JERSEY CHANNELS
# ARTHUR KILL CHANNEL
# 35FT REACH
# BEFORE DREDGE SURVEY

VH-108

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|---|---|
| VP | CWF |

DATES OF SURVEY: 04 - 06 AUGUST 2026

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 1057

REQUEST NUMBER: 5726IN3IN4

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER

APPROVED: B. HIGGINS, LEAD CARTOGRAPHER

APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION

APPROVED: J. MOZ, CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 17 AUGUST 2026

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VH-109

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