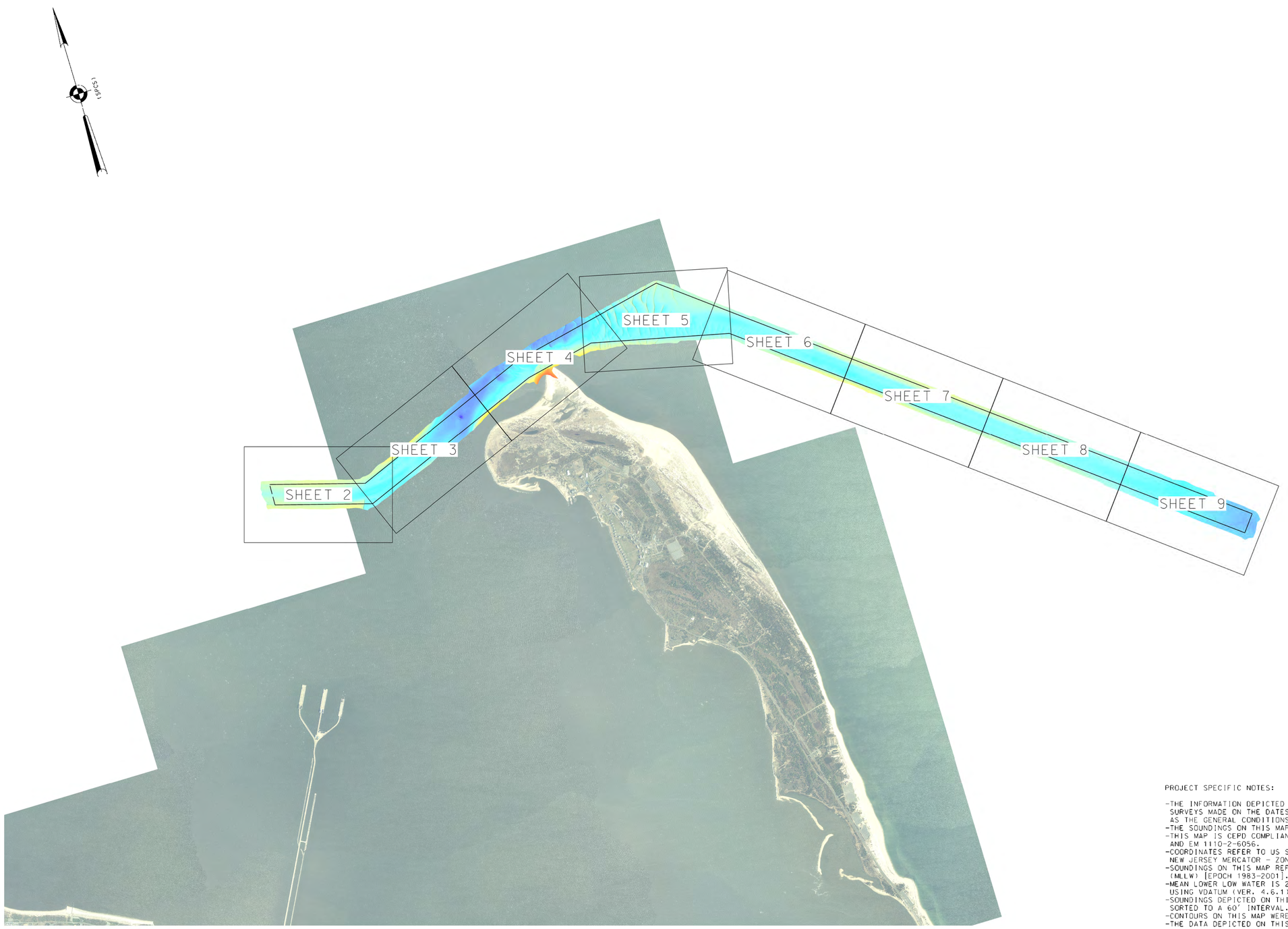


NSRS BENCHMARK	LOCAL CONTROL
BENCHMARK: SIMPSON 2 (PID:KV0709)	BENCHMARK: SIMPSON 2 RM 3 (PID:KV0707)
ELEVATION: 6.92' (NAVD 1988)	ELEVATION: 6.85' (NAVD 1988)

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 2.7 - 2.9 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 60' 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 NJ GIN 2022 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "SIMPSON 2 RM 3 & NYDOT".

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	EO:	CWF
VP		CWF

DATES OF SURVEY:
12-13, 17-19, 31 DECEMBER 2024
06, 21 JANUARY 2025

SCALE: ONE INCH = 2000 FEET

FIELD BOOKS: 1057

REQ. NO./FILE NO.: 5523/0

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: B. HIGGINS, LEAD CARTOGRAPHER
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: JAE CHUNG, MEZZ, CHIEF, SURVEYS AND MAPPING BRANCH
DATE: 29 JANUARY 2025

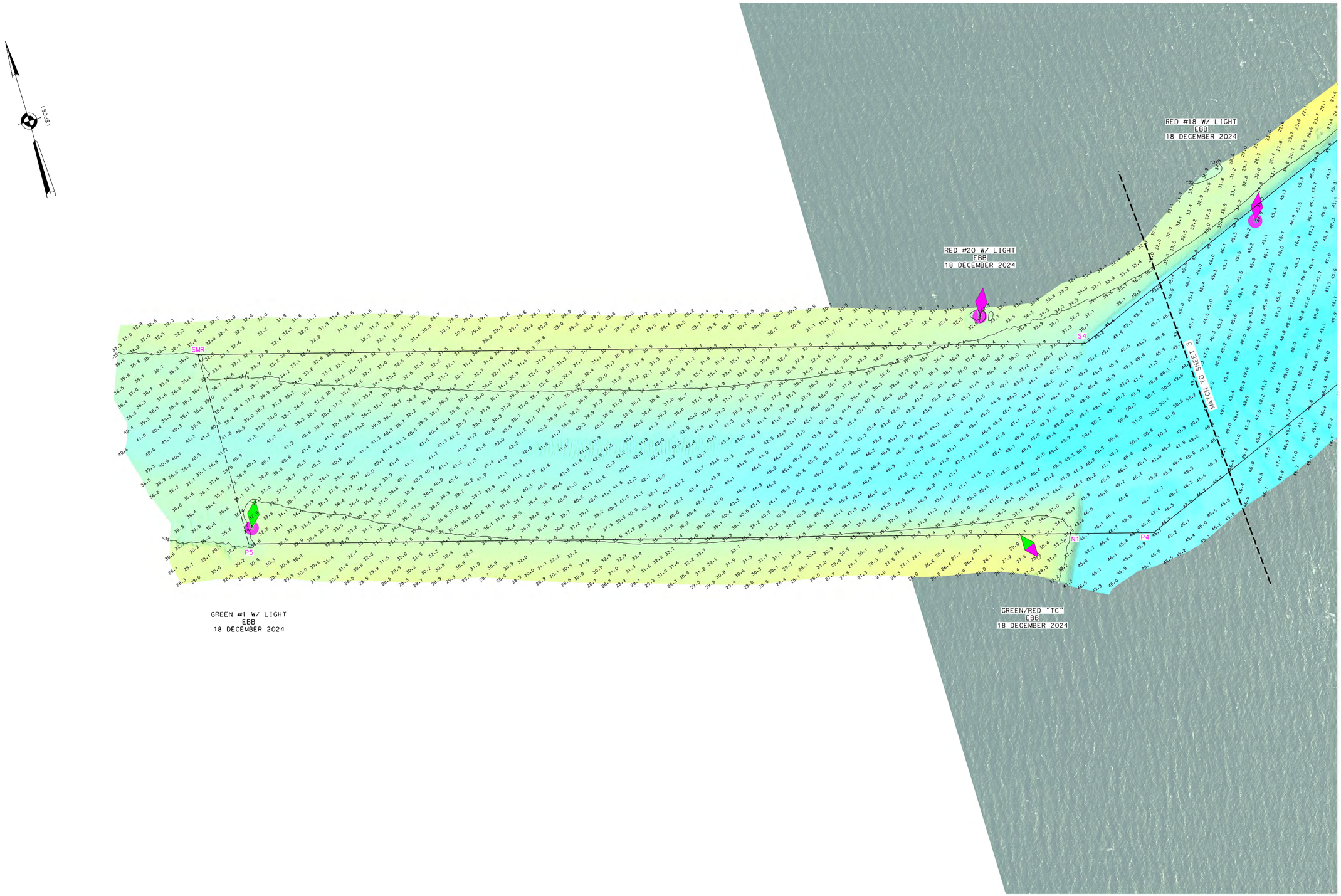
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

SANDY HOOK CHANNEL
NEW YORK HARBOR
CONDITION SURVEY

VH-101

1 OF 9



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

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	EO. CWF		
WP	CWF		

DATES OF SURVEY:
12-13, 17-19, 31
DECEMBER 2024
06, 21 JANUARY 2025

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1097

REQ. NO./FILE NO.: 5523/0

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: B. HIGGINS
LEAD CARTOGRAPHER

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIKE
CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 29 JANUARY 2025

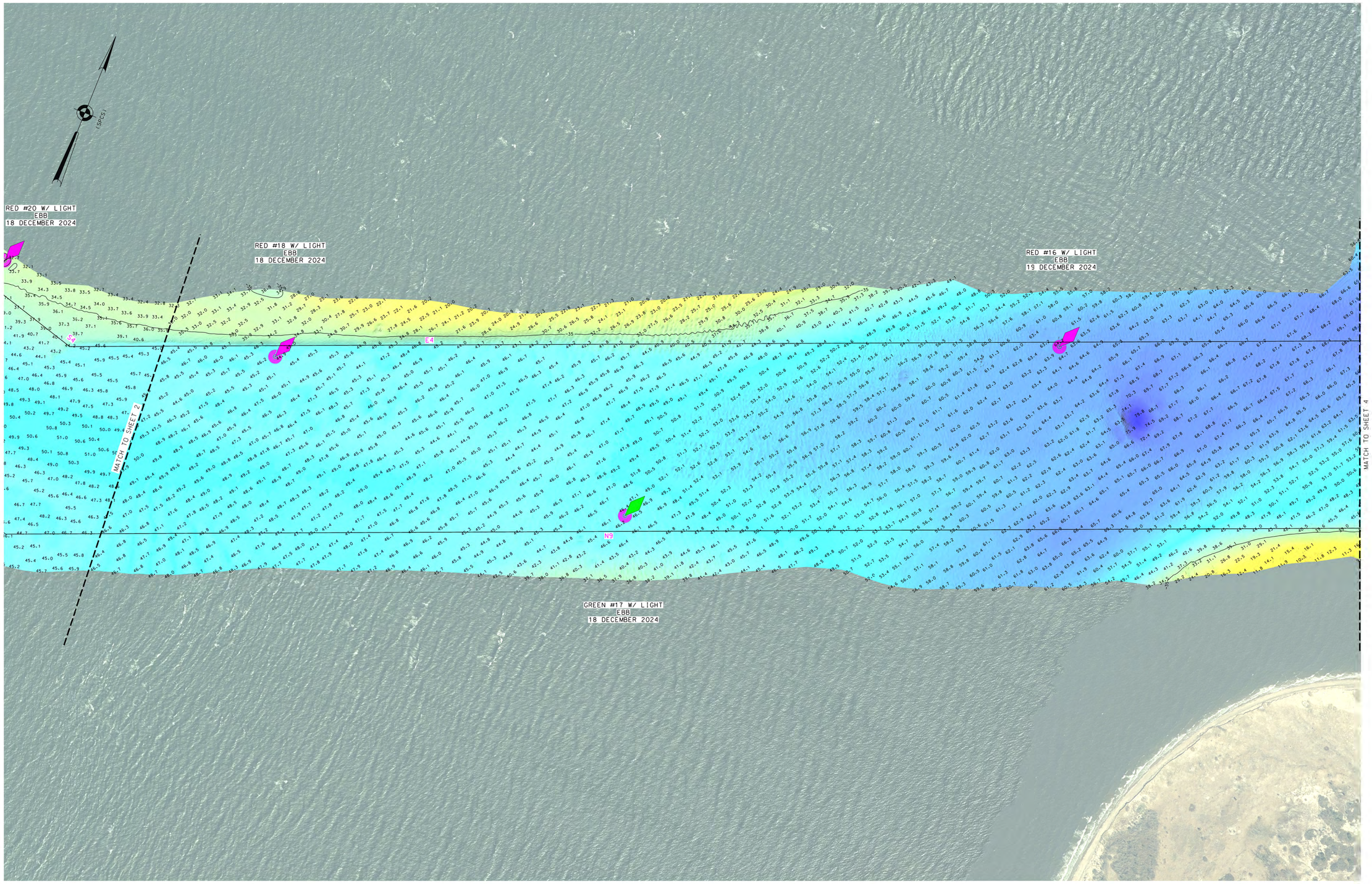
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

SANDY HOOK CHANNEL
NEW YORK HARBOR

CONDITION SURVEY

VH-102



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

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

	EQ.	CWF
	PR	CWF

DATES OF SURVEY:
12-13, 17-19, 31
DECEMBER 2024
06, 21 JANUARY 2025

REQ. NO./FILE NO.: 15523/0

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1057

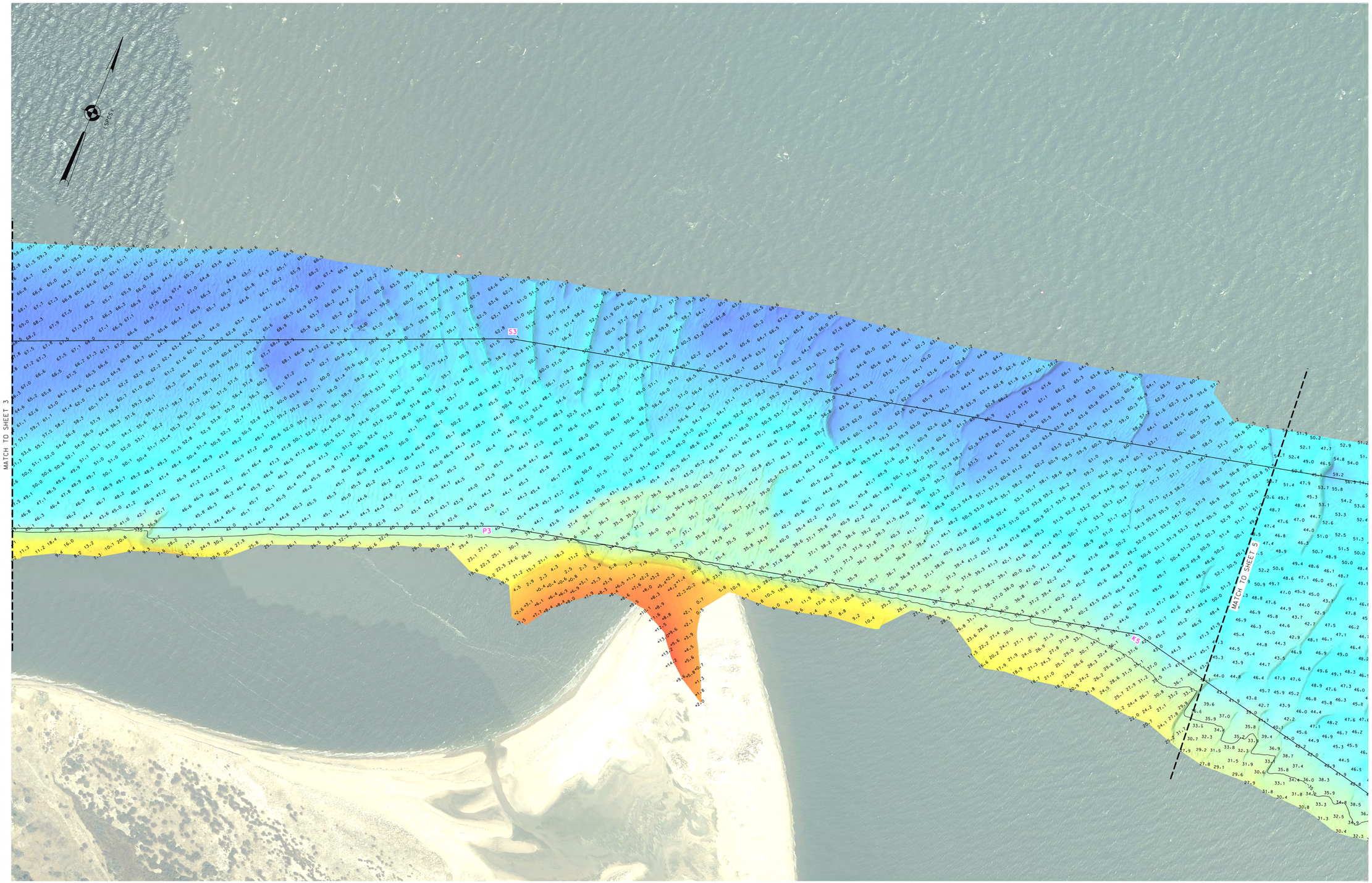
APPROVED: P. KEARNS
FIELD CARTOGRAPHER
APPROVED: B. HIGGINS
LEAD CARTOGRAPHER
APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE A. CHIEF, SURVEYS AND MAPPING BRANCH
DATE: 29 JANUARY 2025

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

SANDY HOOK CHANNEL
NEW YORK HARBOR

CONDITION SURVEY

VH-103



0 200' 400'

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

US ARMY CORPS
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NEW YORK DISTRICT

PR	EO.	CWF
MP		CWF

DATES OF SURVEY:
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DECEMBER 2024
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SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1057

APPROVED: P. KEARNS
FIELD CARTOGRAPHER
APPROVED: B. HIGGINS
LEAD CARTOGRAPHER
APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MEAZ
CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 29 JANUARY 2025

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

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

SANDY HOOK CHANNEL
NEW YORK HARBOR

CONDITION SURVEY

VH-104

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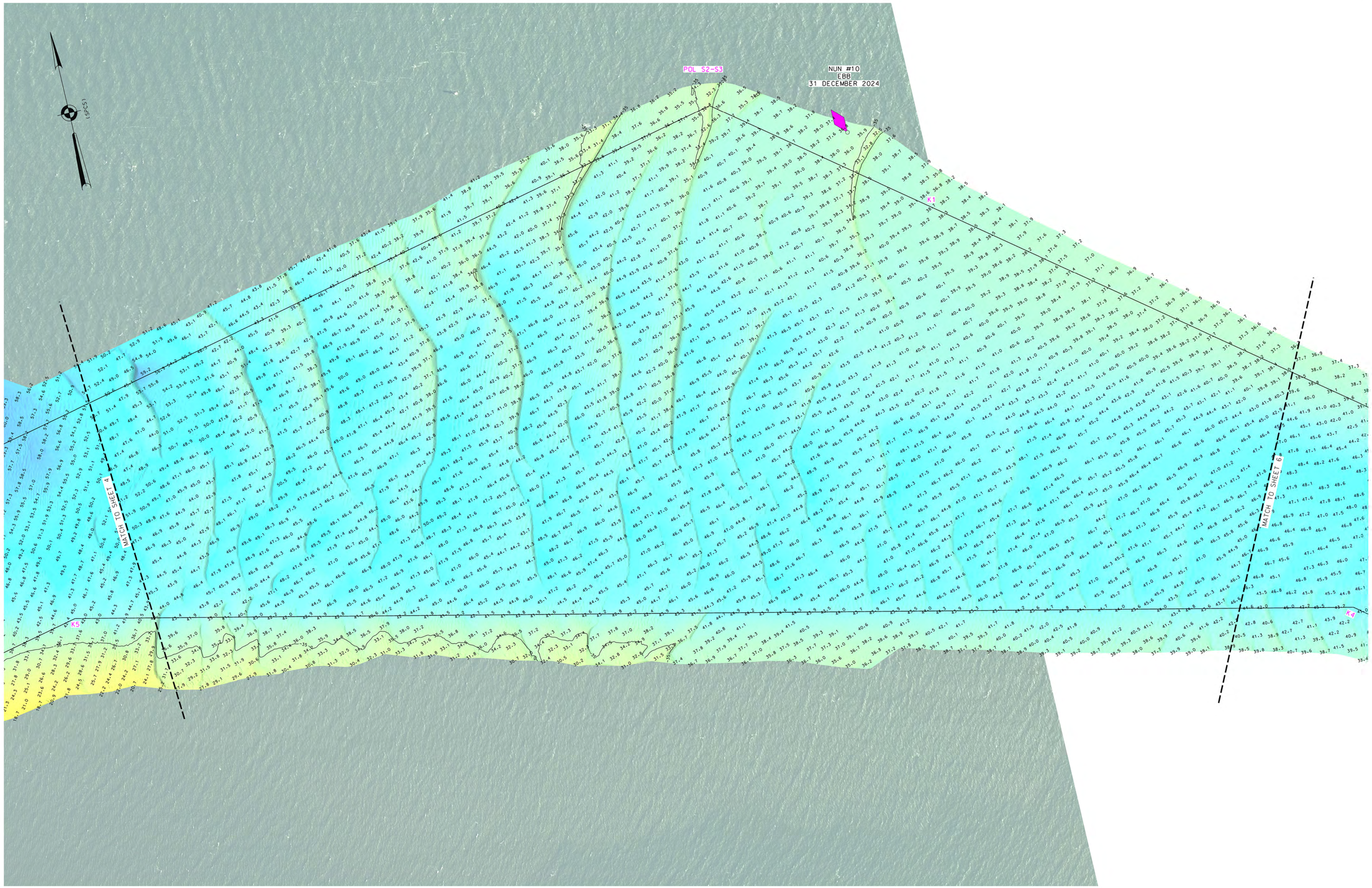

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	EO:	CWF
VP		CWF

DATES OF SURVEY:
12-13, 17-19, 31 DECEMBER 2024
06, 21 JANUARY 2025

REQ. NO./FILE NO.: 5523/0

SCALE:
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FIELD BOOKS:
1057

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: B. HIGGINS, LEAD CARTOGRAPHER
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MEAZ, CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 29 JANUARY 2025

DEPARTMENT OF THE ARMY
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OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

SANDY HOOK CHANNEL
NEW YORK HARBOR

CONDITION SURVEY

VH-105

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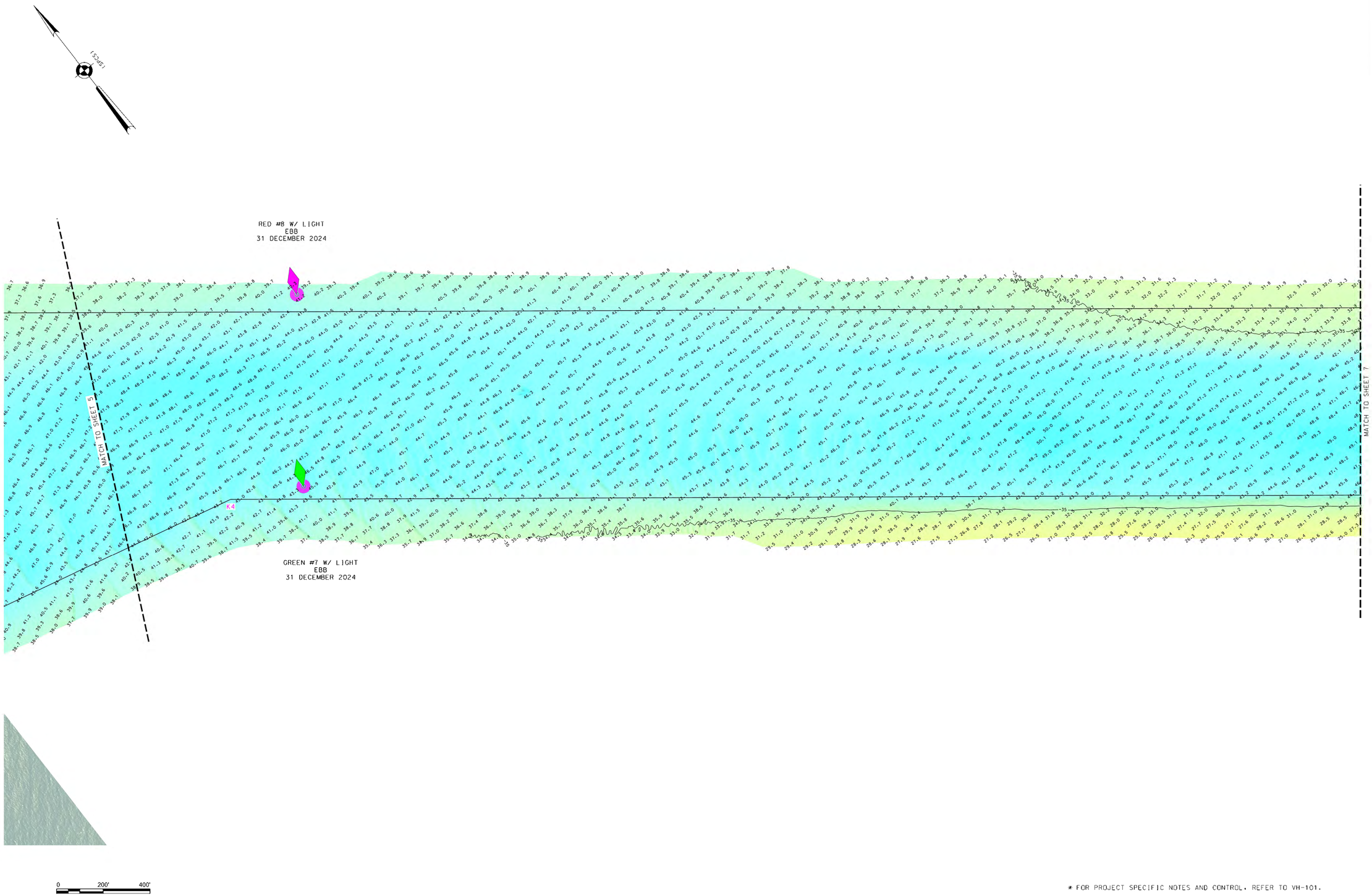

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US ARMY CORPS OF ENGINEERS
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FIELD BOOKS:
1057

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
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APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MEAZ, CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 29 JANUARY 2025

DEPARTMENT OF THE ARMY
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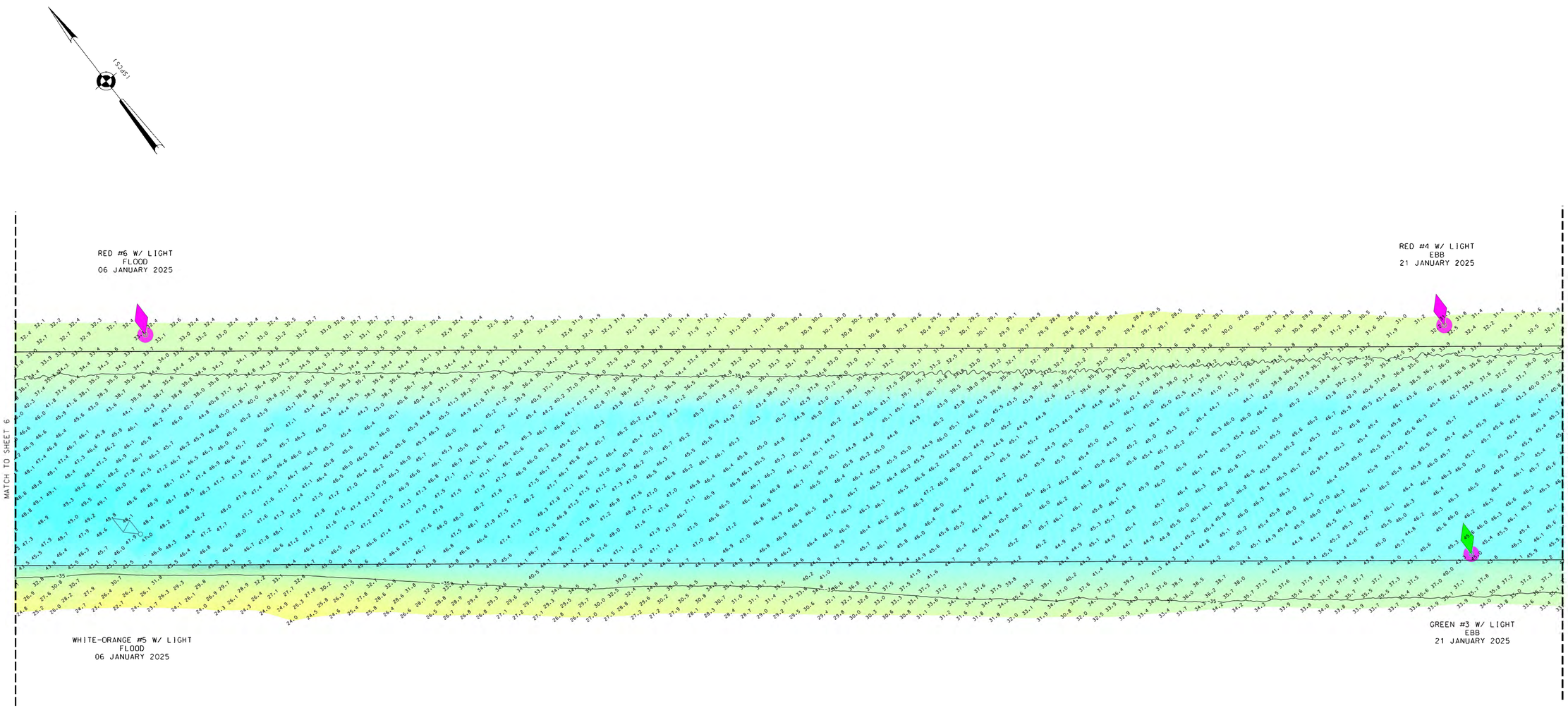
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

SANDY HOOK CHANNEL
NEW YORK HARBOR

CONDITION SURVEY

VH-106



0 200' 400'

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

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	EO: CWF	
VP	CWF	

DATES OF SURVEY:
12-13, 17-19, 31
DECEMBER 2024
06, 21 JANUARY 2025

REG. NO./FILE NO.: 5523/0

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1057

APPROVED: P. KEARNS
FIELD CARTOGRAPHER
APPROVED: B. HIGGINS
LEAD CARTOGRAPHER
APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MEAZ
CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 29 JANUARY 2025

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

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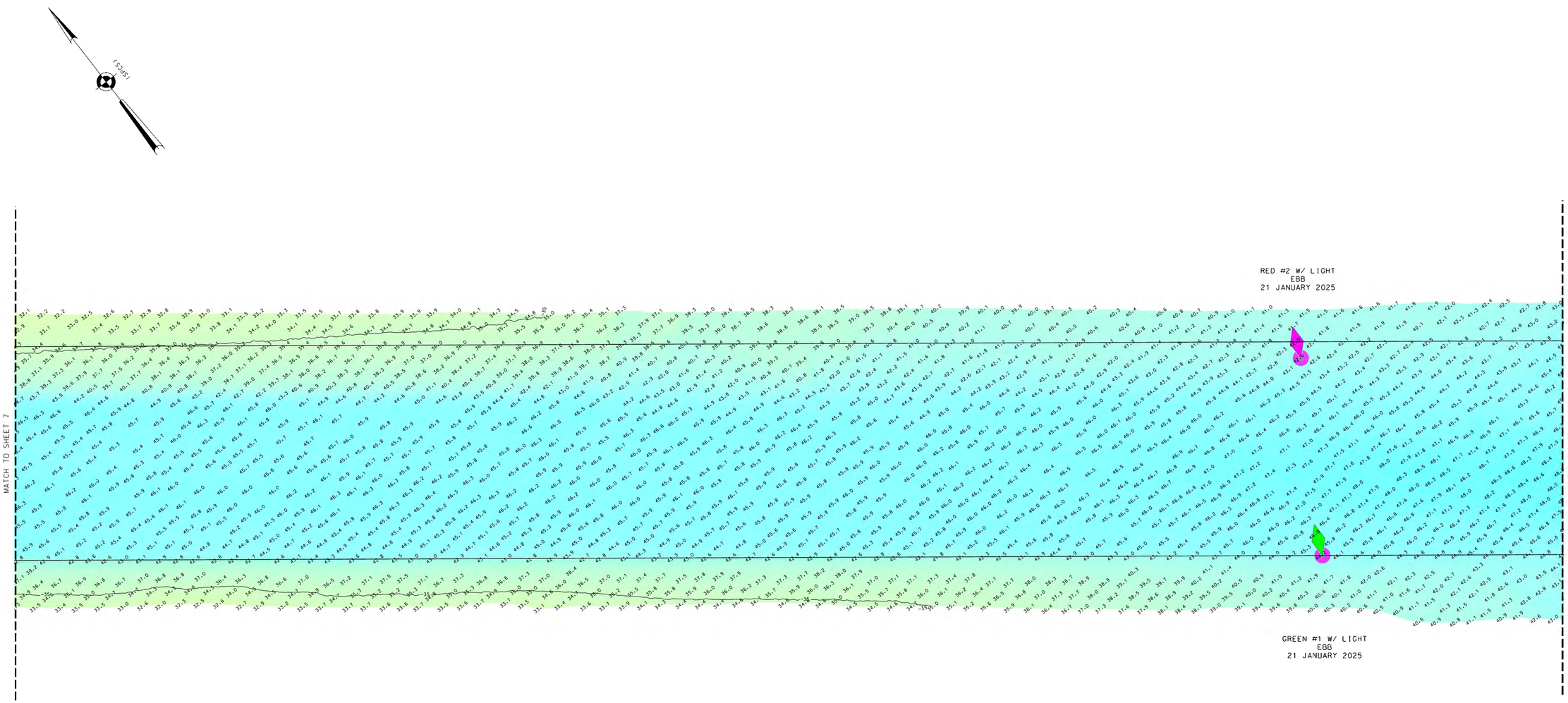
NEW YORK HARBOR

CONDITION SURVEY

VH-107



0 200' 400'

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	EO:	CWF
VP		CWF

DATES OF SURVEY:
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FIELD BOOKS:
1057

APPROVED: P. KEARNS
FIELD CARTOGRAPHER
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LEAD CARTOGRAPHER
APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MEAZ
CHIEF, SURVEYS AND MAPPING BRANCH
DATE: 29 JANUARY 2025

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

SANDY HOOK CHANNEL
NEW YORK HARBOR

CONDITION SURVEY

VH-108

8 OF 9

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

US ARMY CORPS
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NEW YORK DISTRICT

PR	EO:	CWF
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DECEMBER 2024
06, 21 JANUARY 2025

REQ. NO./FILE NO.: 15523/0

SCALE:
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FIELD BOOKS:
1057

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: B. HIGGINS
LEAD CARTOGRAPHER

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MICAH CHAPPELL
CHIEF, SURVEYS AND MAPPING BRANCH

DATE: 29 JANUARY 2025

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

SANDY HOOK CHANNEL
NEW YORK HARBOR

CONDITION SURVEY

VH-109