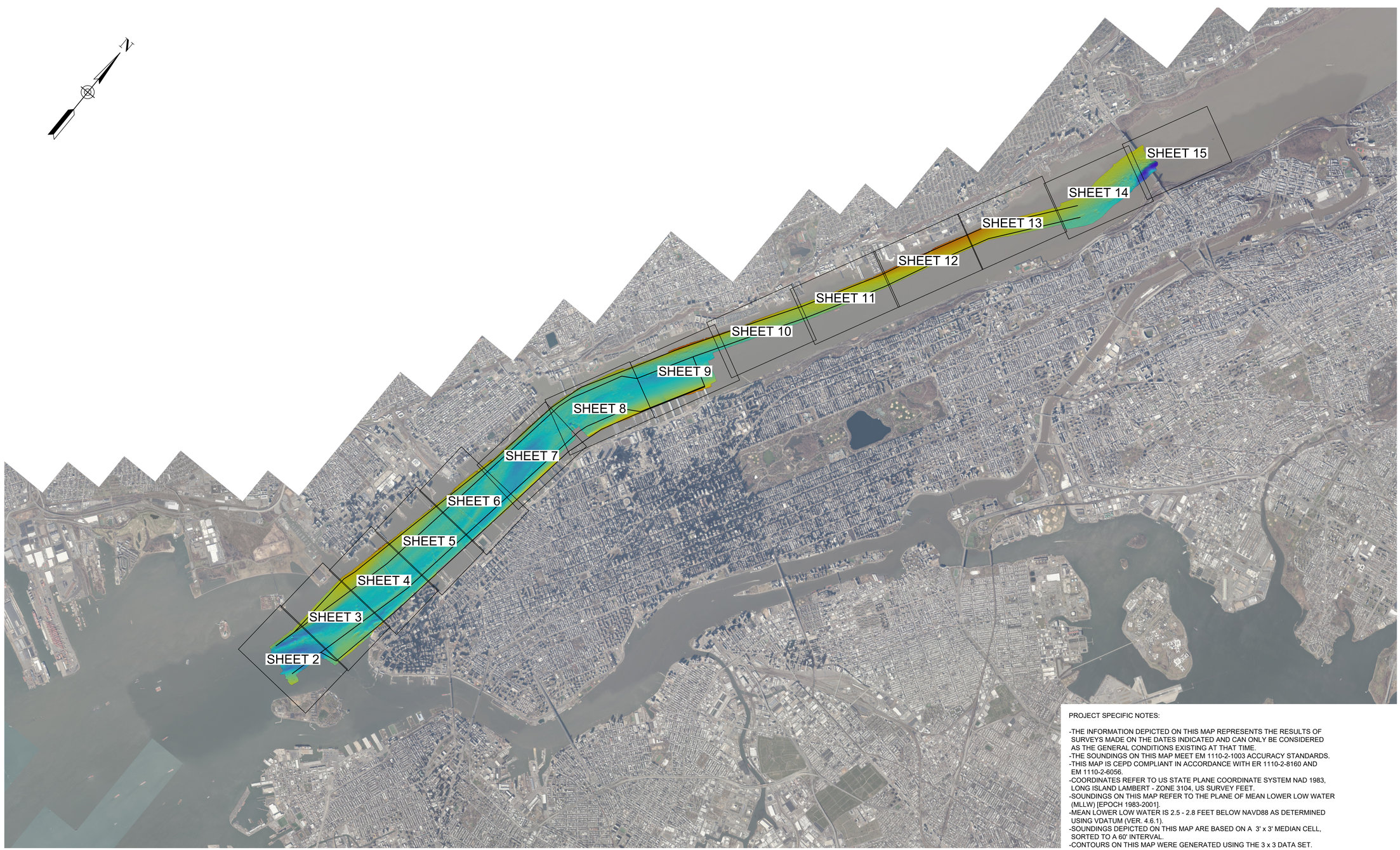


PROJECT SPECIFIC NOTES:

-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, 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 2.5 - 2.8 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 DISCOVER DATA GIS NY 2024 AND IS FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT, TRIMBLE RTX, & NYDOT".

0 3000 6000 Feet

NSRS BENCHMARK	LOCAL CONTROL
BENCHMARK: HIGHWOOD 3 1932 (PID:KV4023)	BENCHMARK: 1238 (PID: KU1654)
ELEVATION: 167.08' (NAVD 1988)	ELEVATION: 65.36' (NAVD 1988)

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PR	EQ CWF
WP	CWF

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

DATES OF SURVEY: 31 MARCH 2026 02, 06 - 09, 13 APRIL 2026

REQUEST NUMBER: 5685/N2/N1/D

APPROVED: J.M., P.K., & N.V. FIELD CARTOGRAPHER

APPROVED: B. HIGGINS LEAD CARTOGRAPHER

APPROVED: P. BHADUR CHIEF OF SURVEY SUPPORT SECTION

APPROVED: J. MIRACZ CHIEF OF SURVEY AND MAPPING BRANCH

ISSUE DATE: 24 APRIL 2026

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

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

HUDSON RIVER CHANNEL NEW YORK

CONDITION SURVEY

VH-101

1 OF 15

MATCH TO SHEET 3

N

GREEN #35 W/ LIGHT
EBB
31 MARCH 2026

GREEN #1 W/ LIGHT
EBB
31 MARCH 2026

40' PROJECT DEPTH LIMIT

R

ER1

HUD 1'

HUD1C

HUD1B

0 200 400 Feet

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

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PR: EQ. CWF
MP: CWF

DATES OF SURVEY:
31 MARCH 2026
02, 06 - 09, 13 APRIL 2026

REQUEST NUMBER: 5685/N2/N1/D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A

APPROVED: J.M., P.K., & N.V.
FIELD CARTOGRAPHER

APPROVED: B. HIGGINS
LEAD CARTOGRAPHER

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: A. MATEZ
CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 24 APRIL 2026

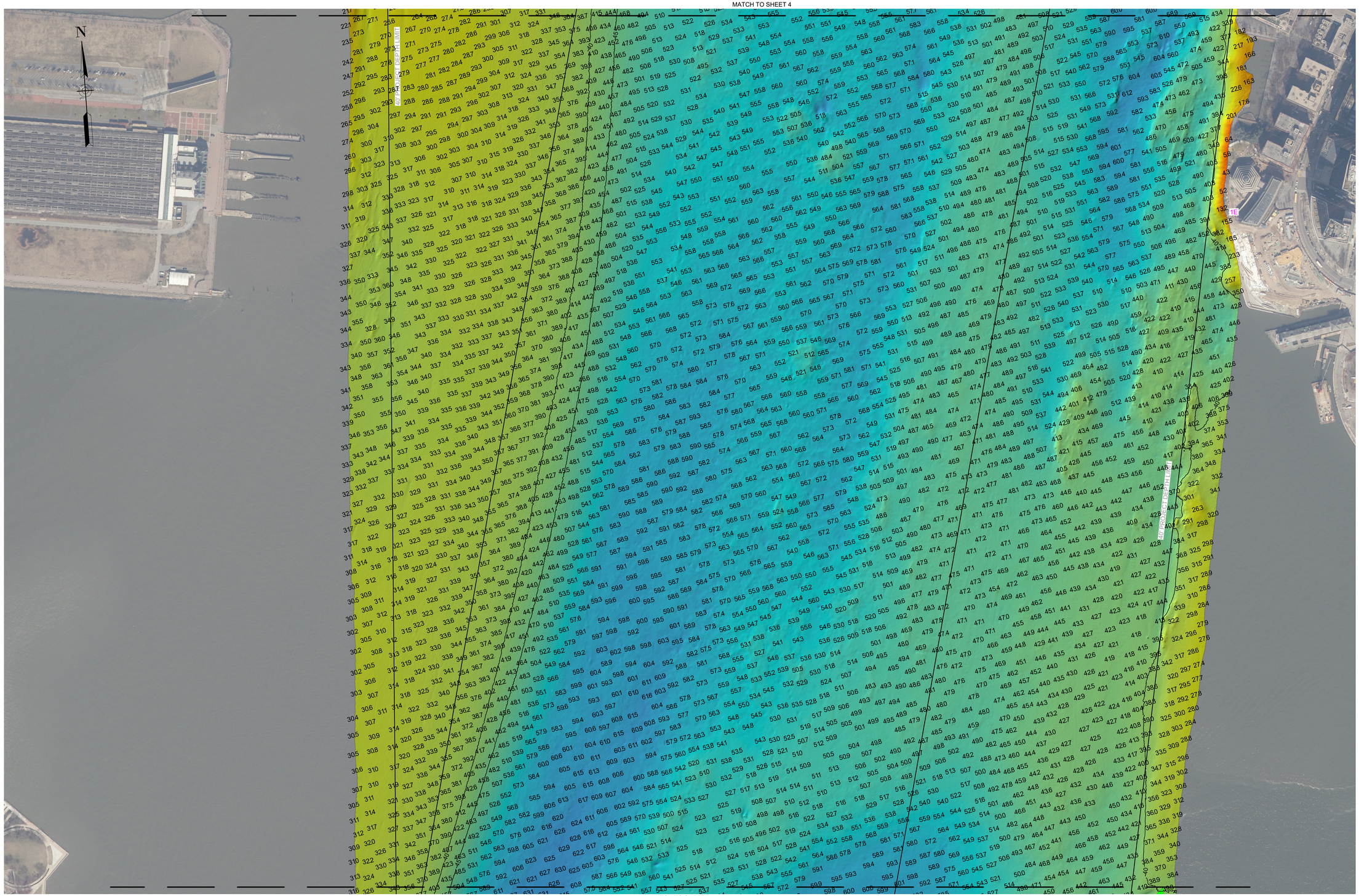
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CENAN-OP-SS

HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-102
2 OF 15

MATCH TO SHEET 4



MATCH TO SHEET 2

0 200 400 Feet

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VP:	CWF

DATES OF SURVEY: 31 MARCH 2026 - 02, 06 - 09, 13 APRIL 2026

REQUEST NUMBER: 5685/N2/N1/D

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

APPROVED: J.M., P.K., & N.V. FIELD CARTOGRAPHER

APPROVED: B. HIGGINS LEAD CARTOGRAPHER

APPROVED: P. BHADUR CHIEF OF SURVEY SUPPORT SECTION

APPROVED: A. MATZ CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 24 APRIL 2026

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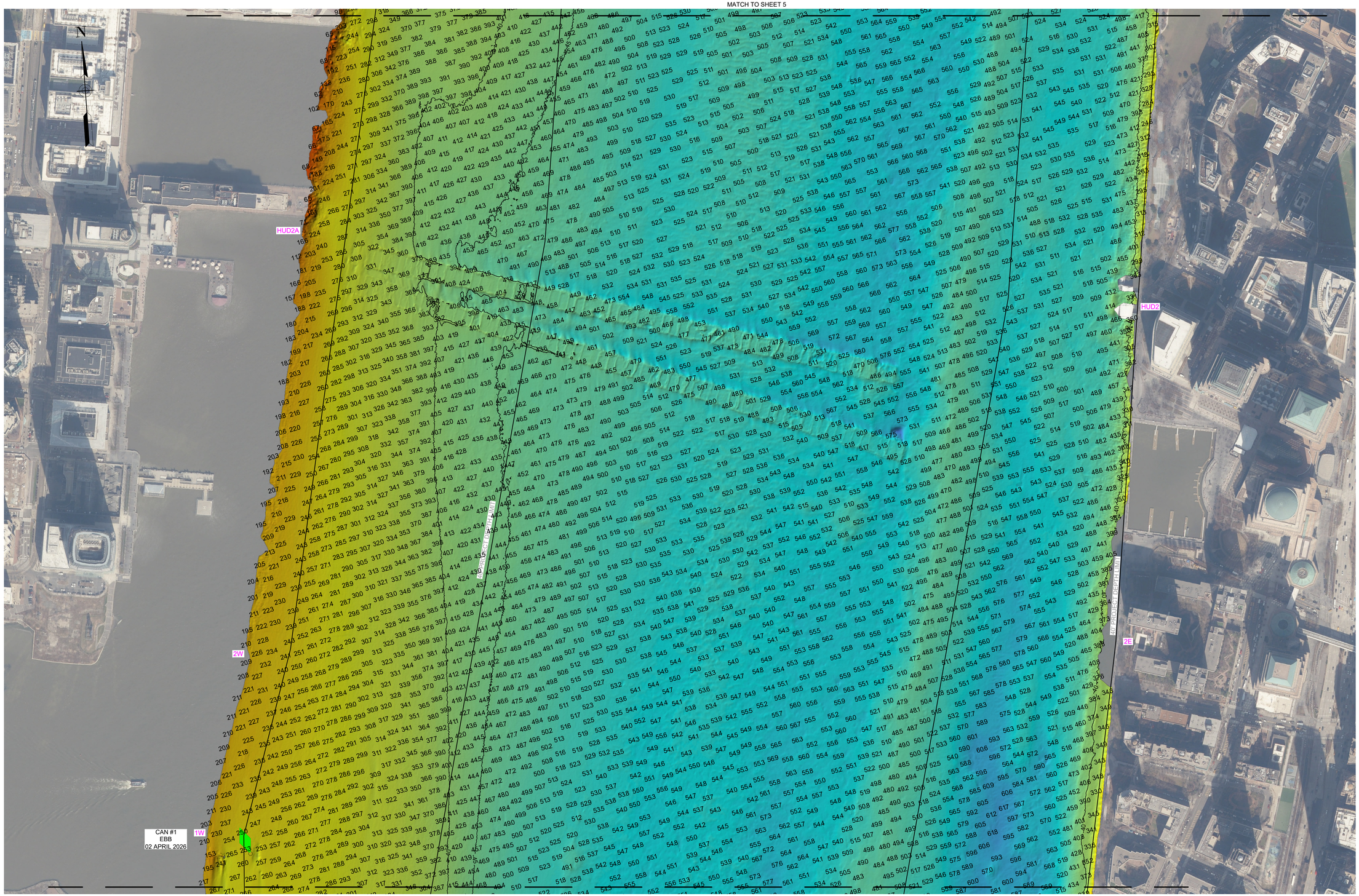
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HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-103

3 OF 15

MATCH TO SHEET 5



MATCH TO SHEET 3

0 200 400 Feet

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VP.	CWF

DATES OF SURVEY:
31 MARCH 2026
02, 06 - 09, 13 APRIL 2026

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A

REQUEST NUMBER: 5685/N2/N1/D

APPROVED: J.M. P.K. & N.V.
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:
24 APRIL 2026

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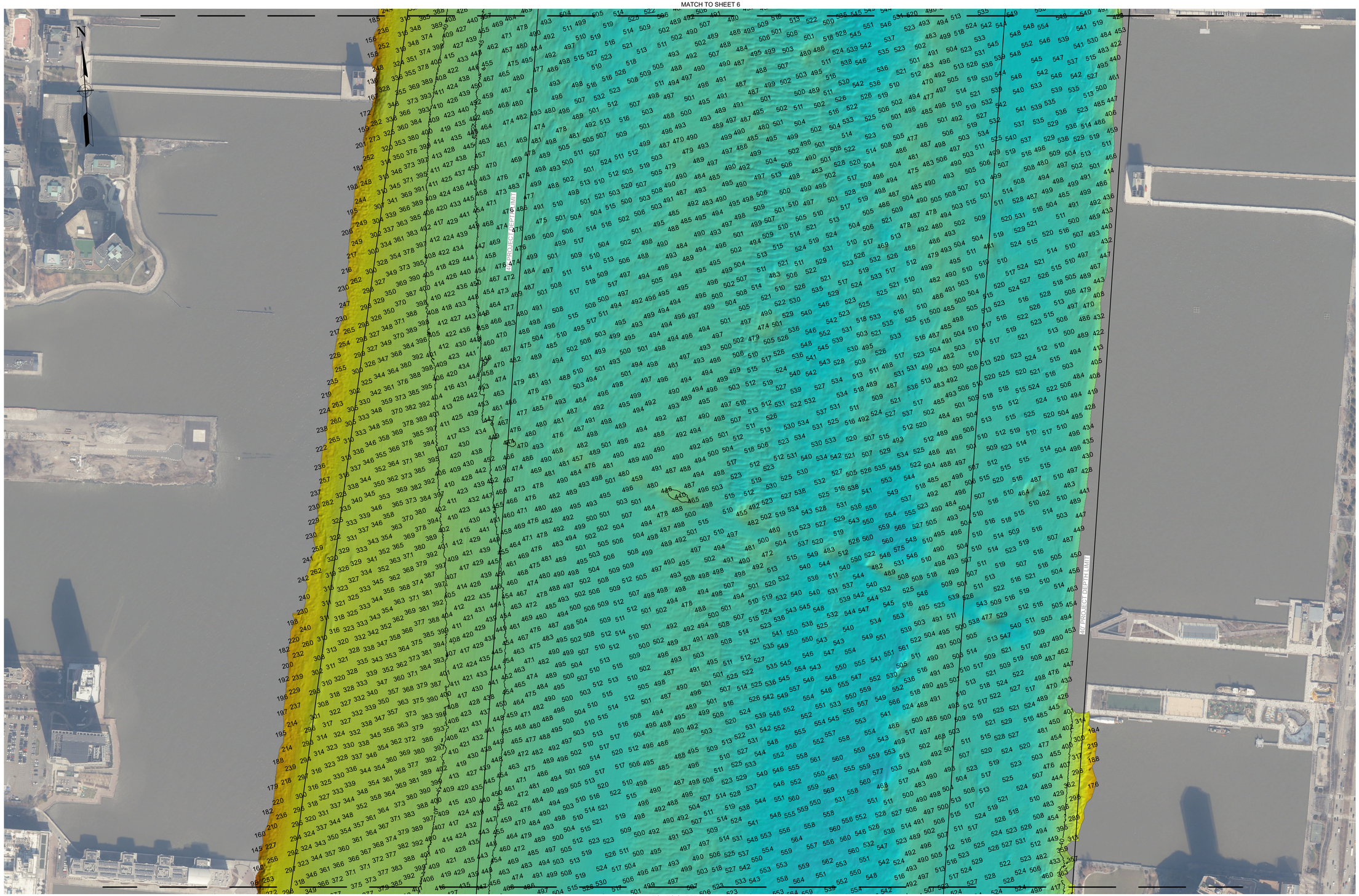
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HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-104

4 OF 15

MATCH TO SHEET 6



MATCH TO SHEET 4

0 200 400 Feet

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

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MP.	CWF

DATES OF SURVEY: 31 MARCH 2026
02, 06 - 09, 13 APRIL 2026

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

REQUEST NUMBER: 5685/N2/N1/D

APPROVED: J.M., P.K., & N.V.
FIELD CARTOGRAPHER

APPROVED: B. HIGGINS
LEAD CARTOGRAPHER

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: A. MATZ
CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 24 APRIL 2026

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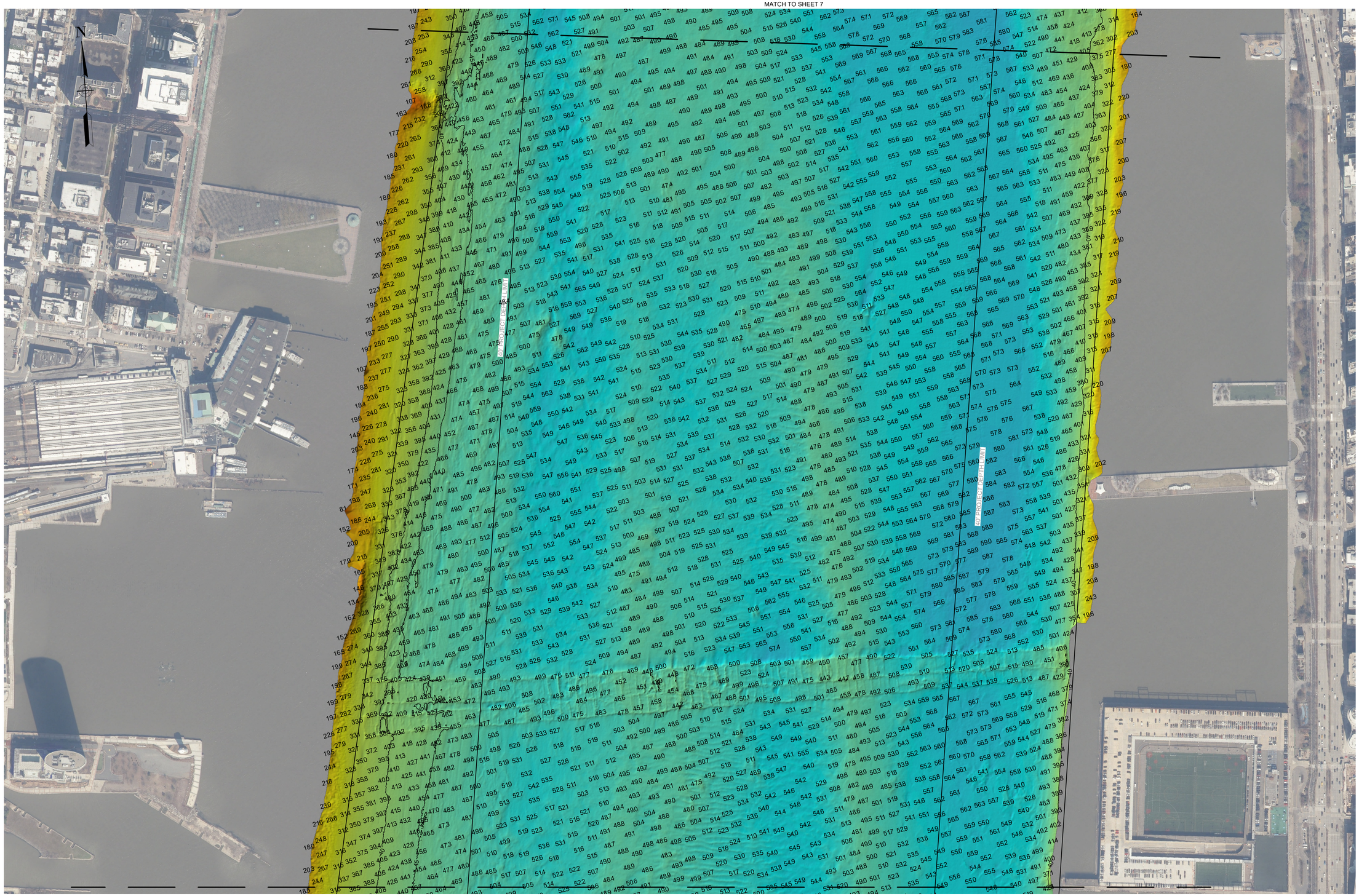
OPERATIONS DIVISION
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HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-105

5 OF 15

MATCH TO SHEET 7



MATCH TO SHEET 5

0 200 400 Feet

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	MP:	CWF

DATES OF SURVEY: 31 MARCH 2026 - 02, 06 - 09, 13 APRIL 2026

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

REQUEST NUMBER: 5685/N2/N1/D

APPROVED: J.M., P.K., & N.V. FIELD CARTOGRAPHER

APPROVED: B. HIGGINS LEAD CARTOGRAPHER

APPROVED: P. BHADUR CHIEF OF SURVEY SUPPORT SECTION

APPROVED: A. MATZ CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 24 APRIL 2026

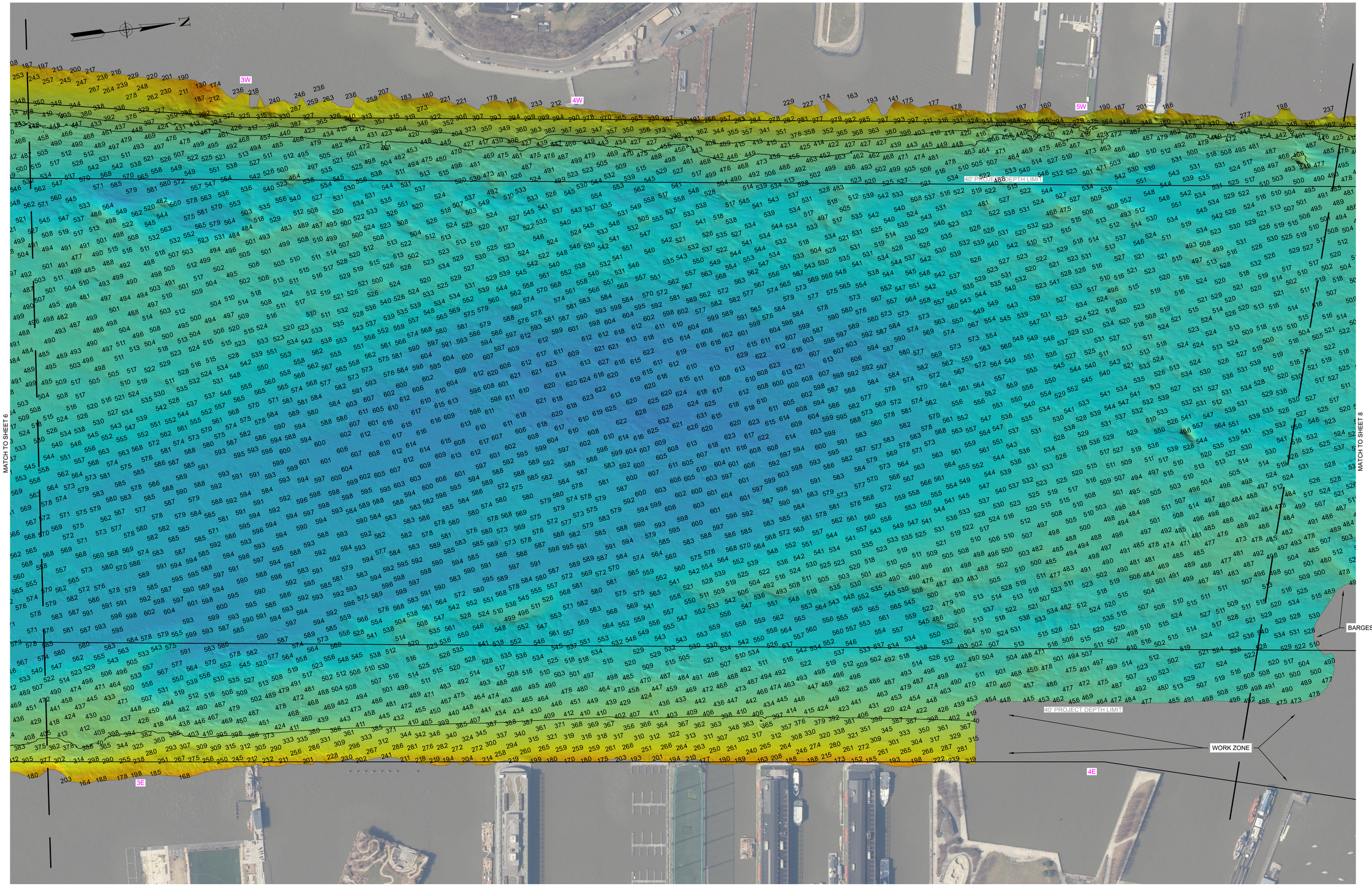
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HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-106

6 OF 15



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PR	EQ CWF
MP	CWF

DATES OF SURVEY: 31 MARCH 2026, 02, 06 - 09, 13 APRIL 2026

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

REQUEST NUMBER: 5685/N2/N1/D

APPROVED:	J.M. P.K. & N.V. 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:	24 APRIL 2026

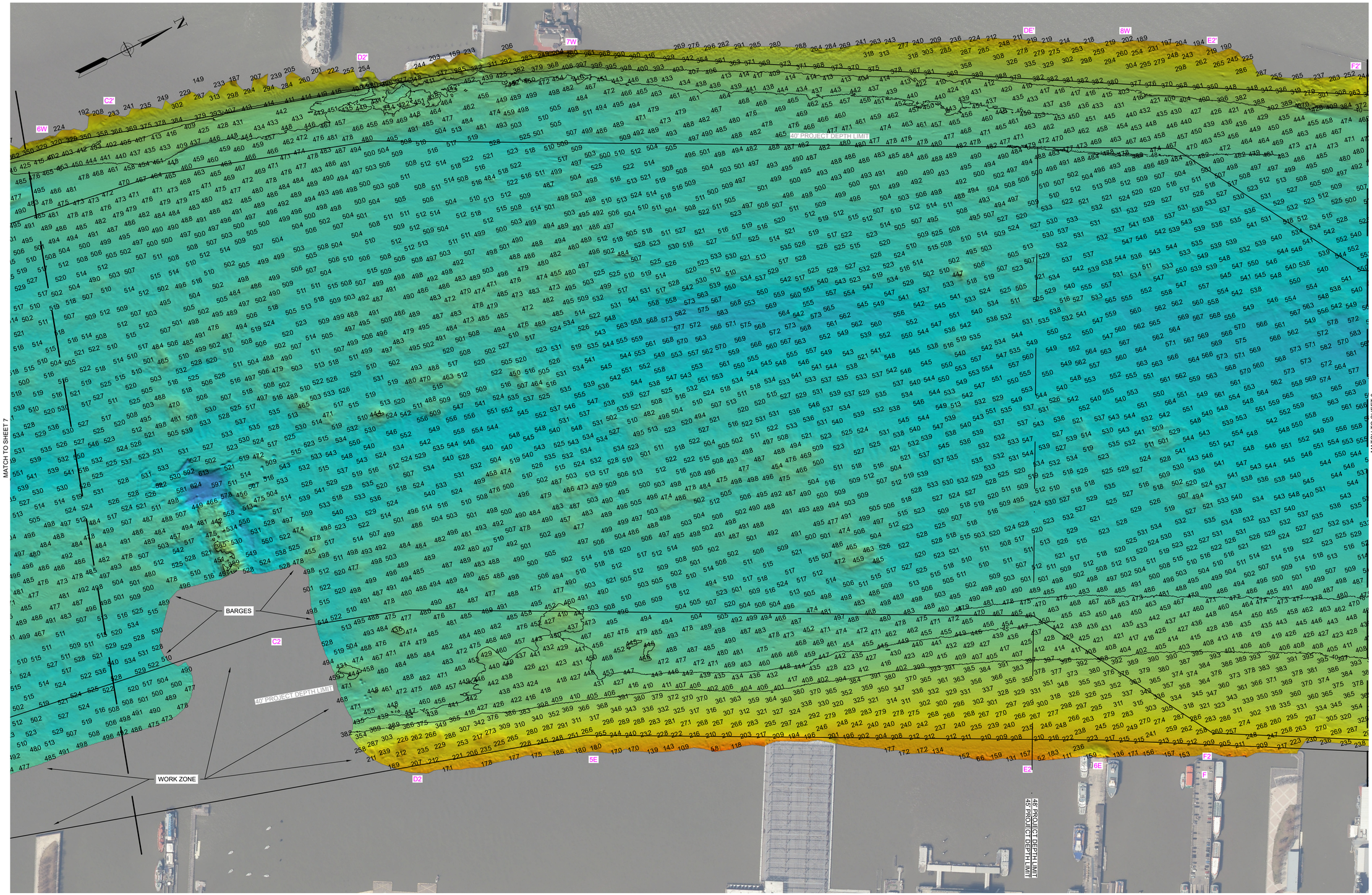
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SURVEYS AND MAPPING BRANCH
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HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-107

7 OF 15



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PR	EQ. CWF
MP	CWF

DATES OF SURVEY: 31 MARCH 2026 — 02, 06 - 09, 13 APRIL 2026

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

REQUEST NUMBER: 5685/N2/N1/D

APPROVED: J.M., P.K., & N.V. — FIELD CARTOGRAPHER

APPROVED: B. HIGGINS — LEAD CARTOGRAPHER

APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION

APPROVED: M. PATZ — CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 24 APRIL 2026

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HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-108

8 OF 15

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PR.	EQ. CWF
MP.	CWF

DATES OF SURVEY: 31 MARCH 2026 - 02, 06 - 09, 13 APRIL 2026

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

REQUEST NUMBER: 5685/N2/N1/D

APPROVED: J.M., P.K., & N.V.
FIELD CARTOGRAPHER

APPROVED: B. HIGGINS
LEAD CARTOGRAPHER

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: A. MAY
CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 24 APRIL 2026

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CENAN-OP-SS

HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-109

9 OF 15

MATCH TO SHEET 9

MATCH TO SHEET 11

A3

A3'

B3'

0 200 400 Feet

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

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	PR	EQ CWF
	MP	CWF

DATES OF SURVEY: 31 MARCH 2026
02, 06 - 09, 13 APRIL 2026

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

REQUEST NUMBER: 5685/N2/N1/D

APPROVED: J.M., P.K., & N.V.
FIELD CARTOGRAPHER

APPROVED: B. HIGGINS
LEAD CARTOGRAPHER

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: A. KAZ
CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 24 APRIL 2026

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SURVEYS AND MAPPING BRANCH
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HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-110

10 OF 15

0 200 400 Feet

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PR	EQ CWF
VP	CWF

DATES OF SURVEY: 31 MARCH 2026 - 02, 06 - 09, 13 APRIL 2026

REQUEST NUMBER: 5685/N2/N1/D

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

APPROVED: J.M., P.K., & N.V. FIELD CARTOGRAPHER

APPROVED: B. HIGGINS LEAD CARTOGRAPHER

APPROVED: P. BHADUR CHIEF OF SURVEY SUPPORT SECTION

APPROVED: CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 24 APRIL 2026

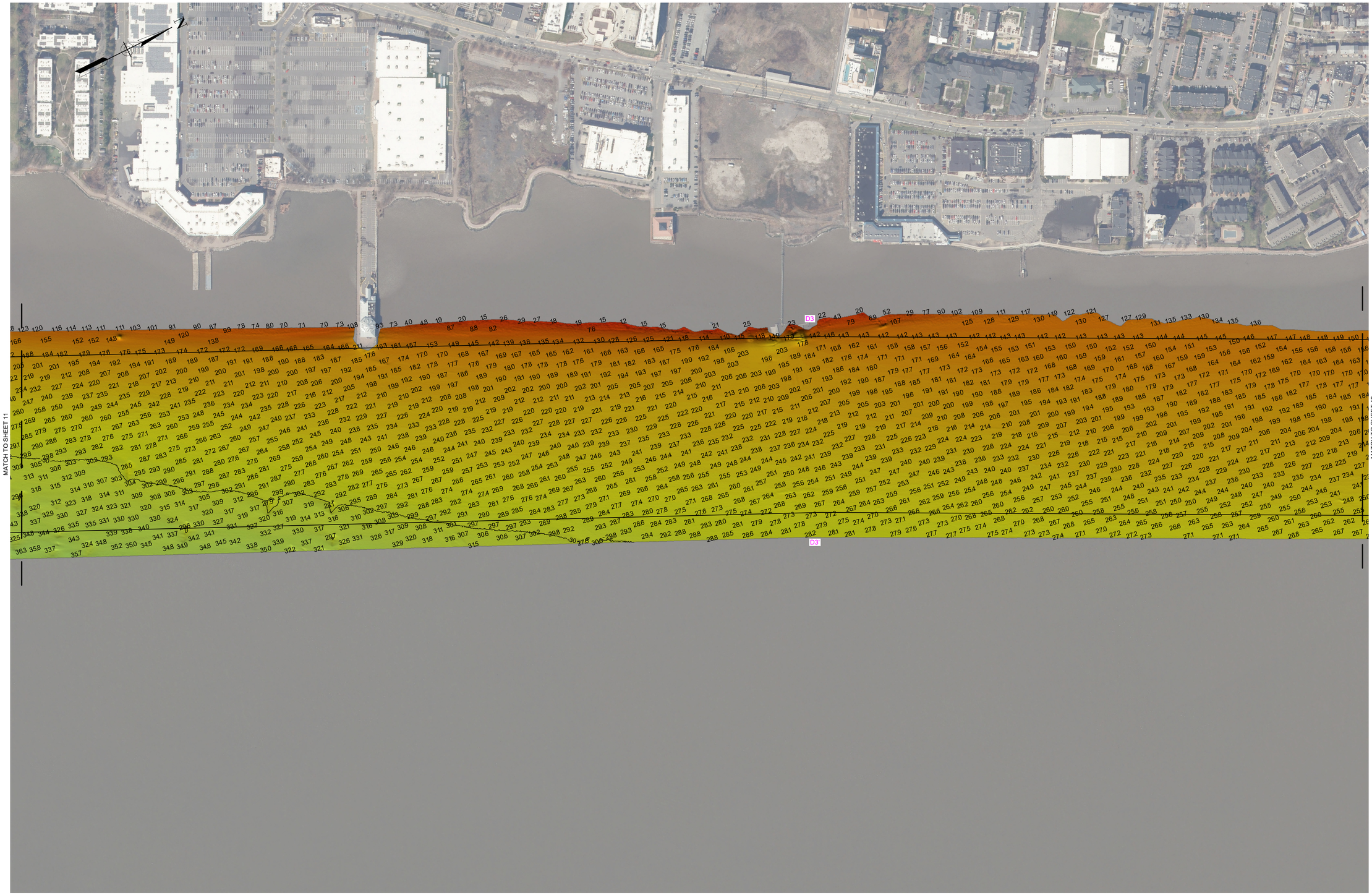
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OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-111

11 OF 15



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PR	EQ CWF
VP	CWF

DATES OF SURVEY: 31 MARCH 2026 - 02, 06 - 09, 13 APRIL 2026

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

REQUEST NUMBER: 5685/N2/N1/D

APPROVED: J.M., P.K., & N.V.
FIELD CARTOGRAPHER

APPROVED: B. HIGGINS
LEAD CARTOGRAPHER

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: A. MATZ
CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 24 APRIL 2026

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HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-112

12 OF 15

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

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	UP	CWF
		CWF

DATES OF SURVEY:
31 MARCH 2026
02, 06 - 09, 13 APRIL 2026

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A

REQUEST NUMBER: 5685/N2/N1/D

APPROVED: J.M., P.K., & N.V.
FIELD CARTOGRAPHER

APPROVED: B. HIGGINS
LEAD CARTOGRAPHER

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: A. MAZZ
CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 24 APRIL 2026

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CONDITION SURVEY

VH-113

13 OF 15

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VIP	CWF

DATES OF SURVEY: 31 MARCH 2026 - 02, 06 - 09, 13 APRIL 2026

REQUEST NUMBER: 5685/N2/N1/D

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

APPROVED:	J.M., P.K., & N.V.	FIELD CARTOGRAPHER
APPROVED:	B. HIGGINS	LEAD CARTOGRAPHER
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	A. MAY	CHIEF OF SURVEYS AND MAPPING BRANCH
ISSUE DATE:	24 APRIL 2026	

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HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-114

14 OF 15

MATCH TO SHEET 14

0 200 400 Feet

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VP	CWF

DATES OF SURVEY: 31 MARCH 2026
02, 06 - 09, 13 APRIL 2026

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

REQUEST NUMBER: 5685/N2/N1/D

APPROVED: J.M., P.K., & N.V.
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: 24 APRIL 2026

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HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-115

15 OF 15