

- 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) (FED. H. 122001).
- 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 NYGIN 2022 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT & TRIMBLE RTX".

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

HUDSON RIVER CHANNEL NEW YORK		CONDITION SURVEY	
VH-101		1 OF 15	

DEPARTMENT OF THE ARMY U.S. ARMY CORPS OF ENGINEERS NEW YORK DISTRICT NEW YORK, NEW YORK 10278	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;"> APPROVED: P. HEARNS FIELD CARTOGRAPHER </td> <td style="width: 50%; padding: 2px;"> APPROVED: J. MELTZ CHIEF OF SURVEY SUPPORT SECTION </td> </tr> <tr> <td style="padding: 2px;"> APPROVED: B. HIGGINS LEAD CARTOGRAPHER </td> <td style="padding: 2px;"> APPROVED: J. MELTZ CHIEF OF SURVEYS AND MAPPING BRANCH </td> </tr> <tr> <td style="padding: 2px;"> APPROVED: P. BHADUR </td> <td style="padding: 2px;"> DATE: 4 APRIL 2023 </td> </tr> </table>	APPROVED: P. HEARNS FIELD CARTOGRAPHER	APPROVED: J. MELTZ CHIEF OF SURVEY SUPPORT SECTION	APPROVED: B. HIGGINS LEAD CARTOGRAPHER	APPROVED: J. MELTZ CHIEF OF SURVEYS AND MAPPING BRANCH	APPROVED: P. BHADUR	DATE: 4 APRIL 2023
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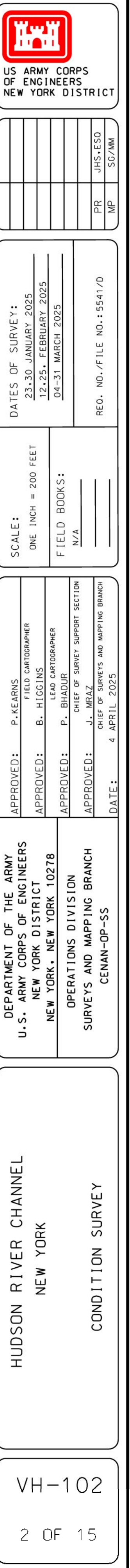
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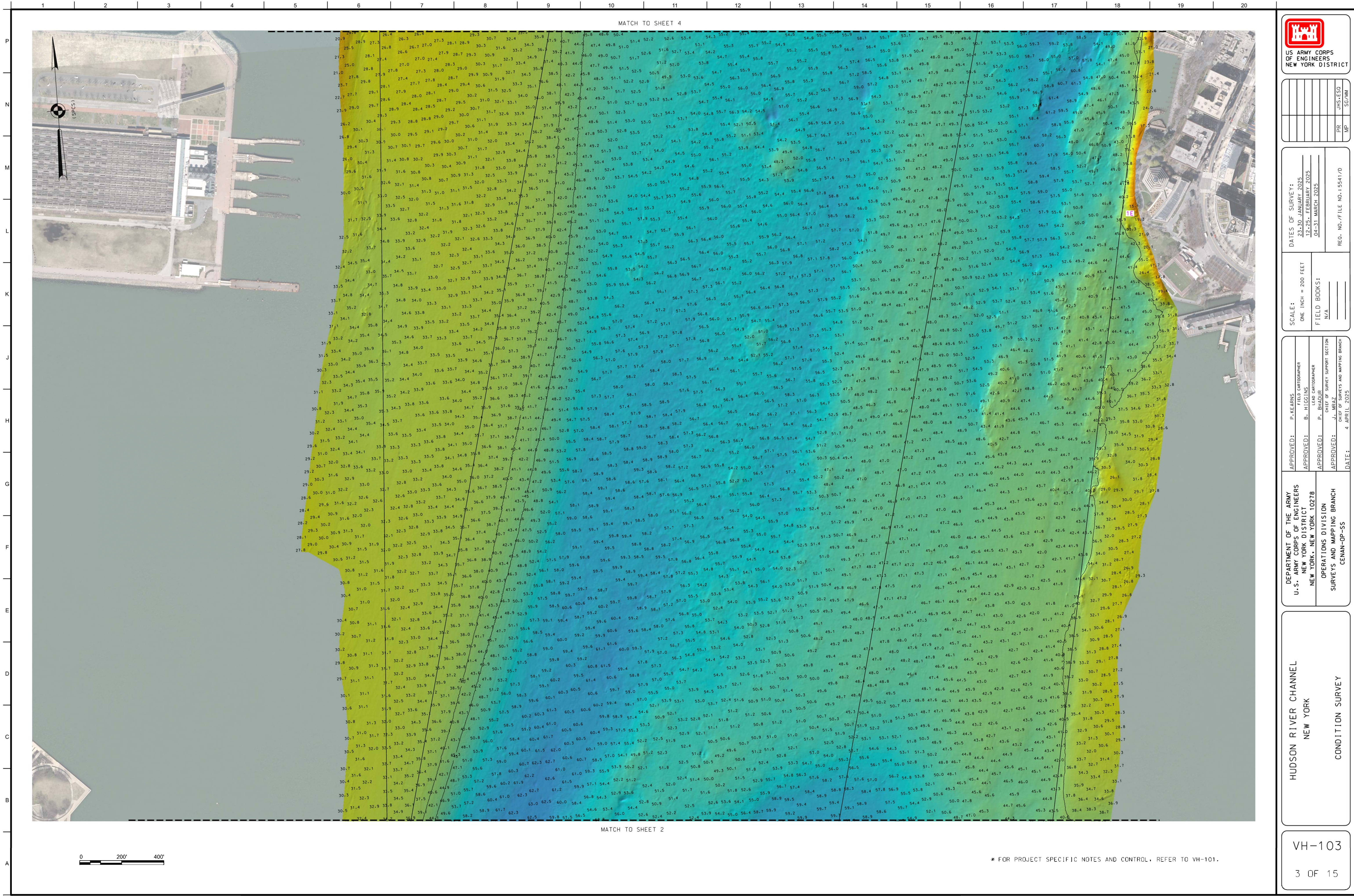
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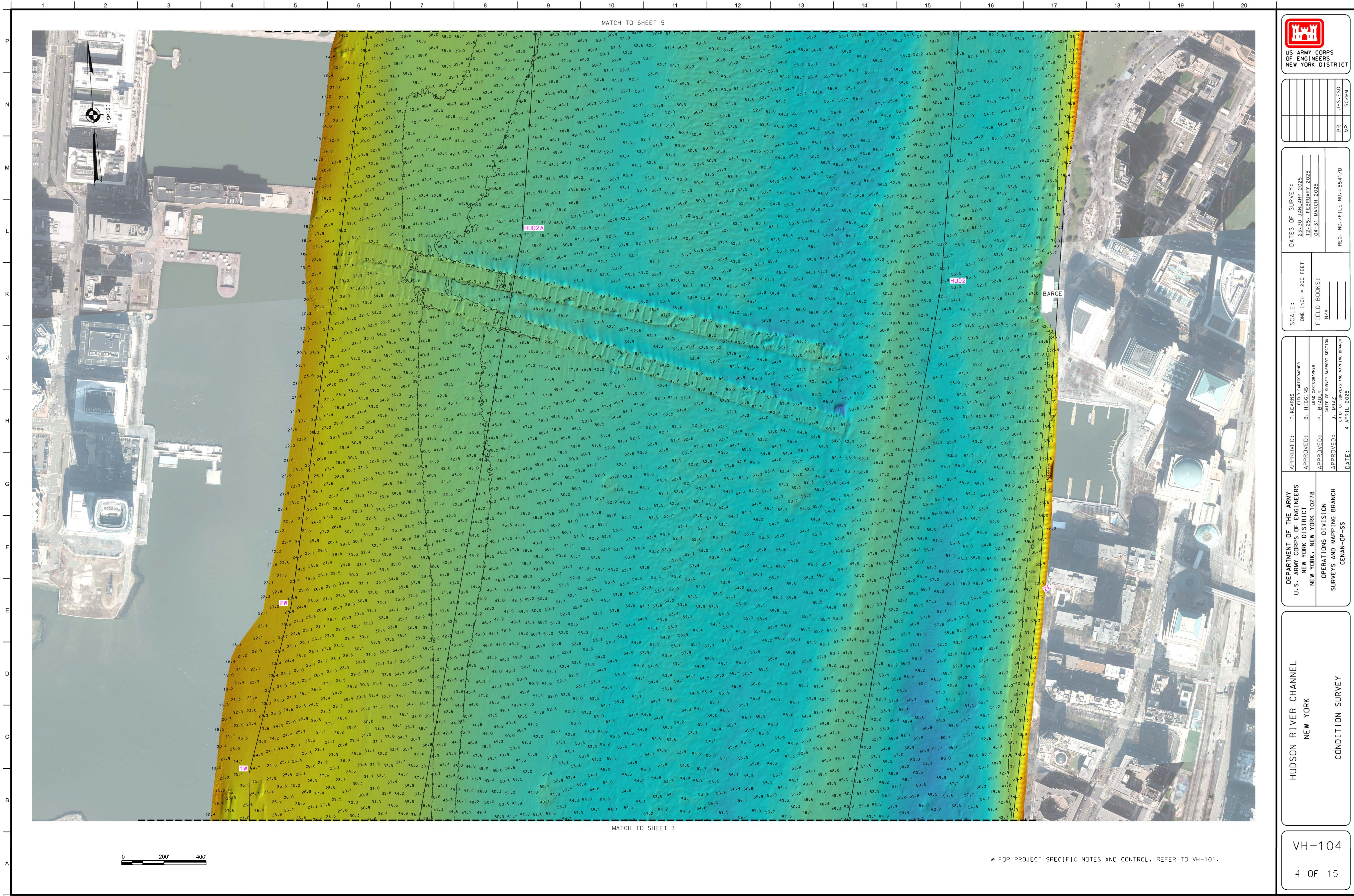
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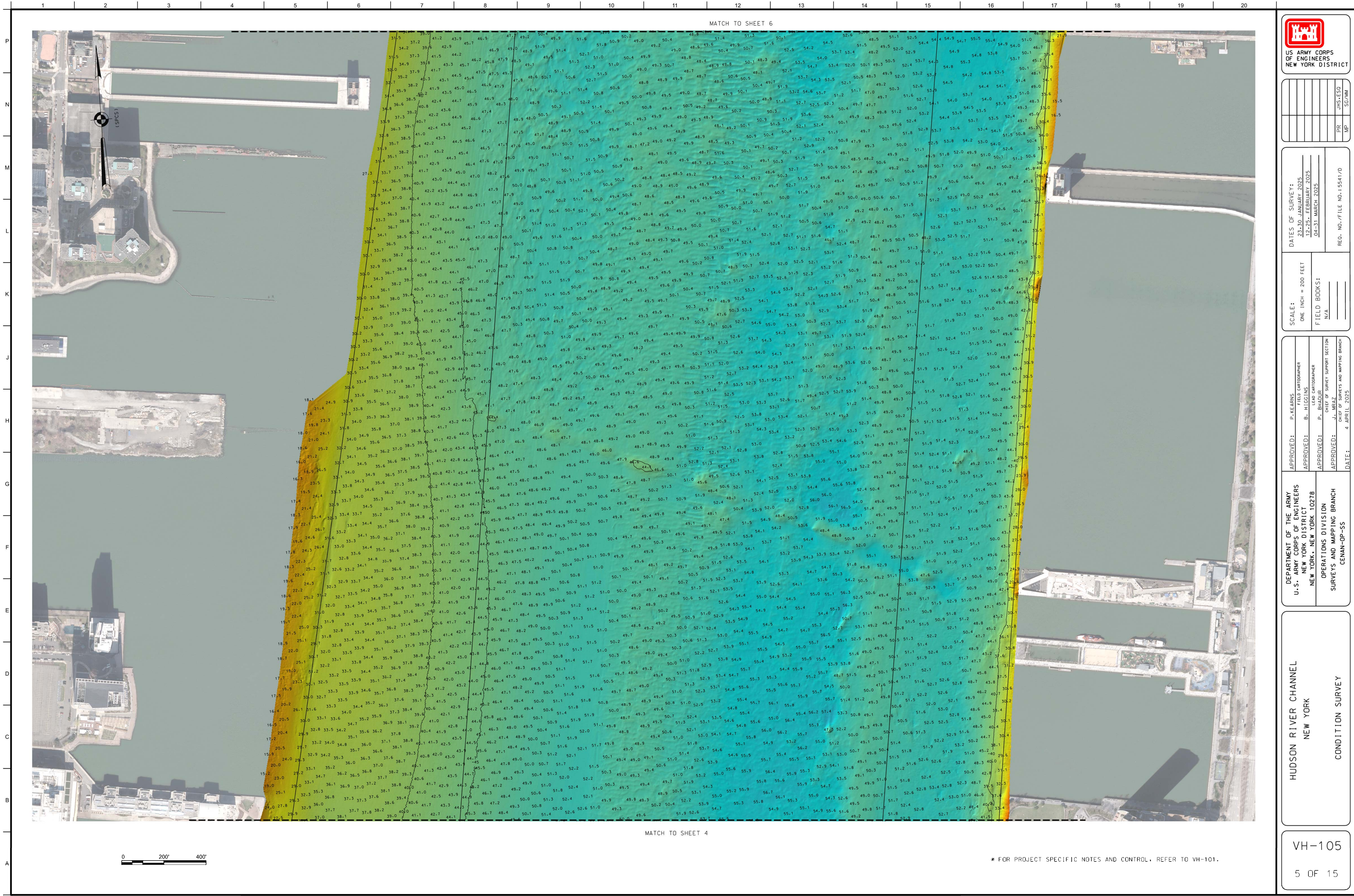
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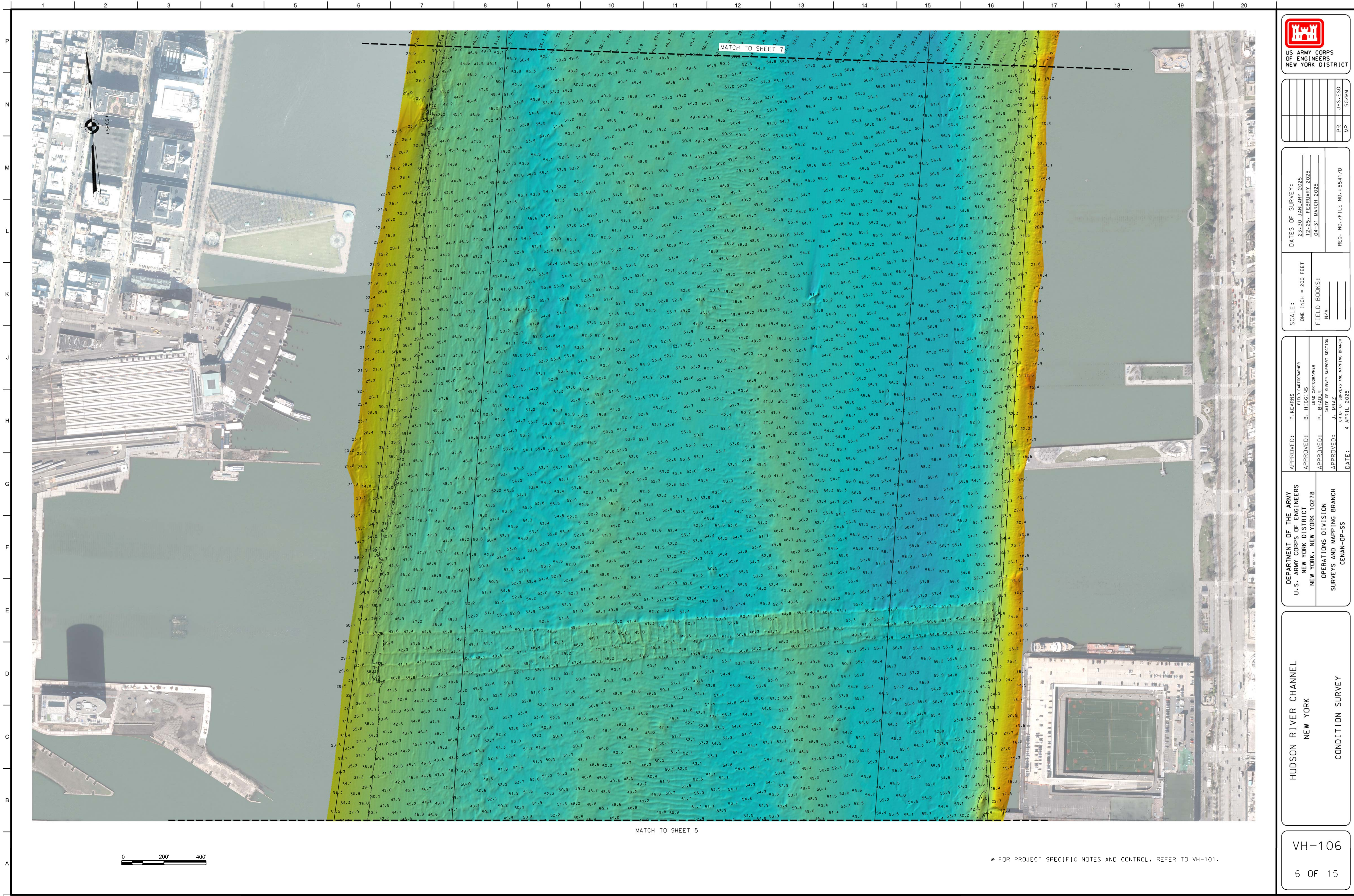
DEPARTMENT OF THE ARMY U.S. ARMY CORPS OF ENGINEERS NEW YORK DISTRICT NEW YORK, NEW YORK 10278	
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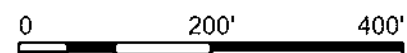




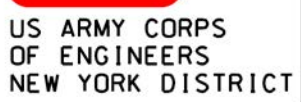








* FOR PROJECT SPECIFIC NOTES AND CONTROL, REFER TO VH-101.

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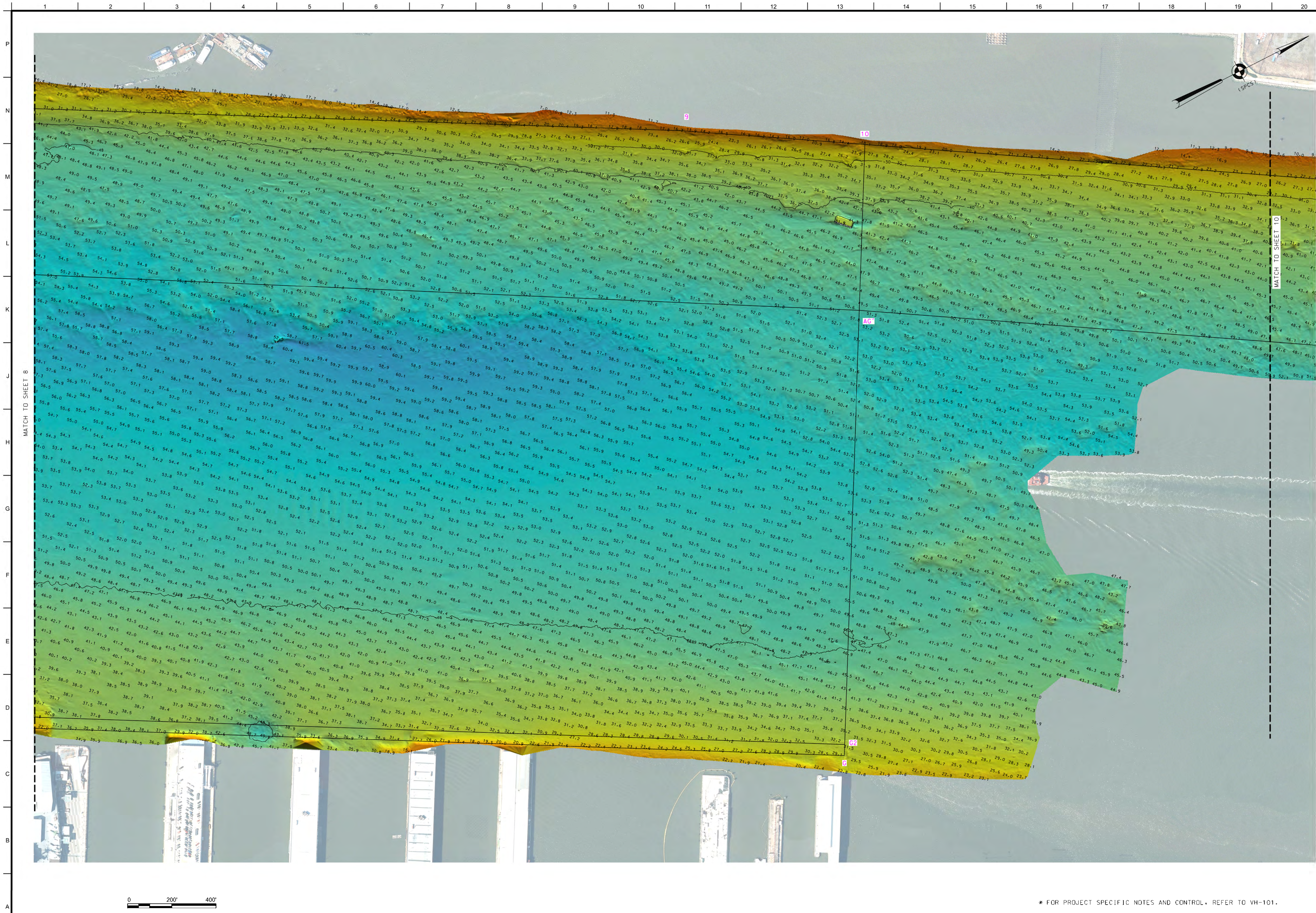
SCALE: ONE INCH = 200 FEET	DATES OF SURVEY: 23-30 JANUARY 2025 12-25, FEBRUARY 2025 04-31 MARCH 2025
FIELD BOOKS: _____ N/A _____ _____ _____	REG. NO./FILE NO.: 5541/D

U.S. ARMY CORPS OF ENGINEERS NEW YORK DISTRICT NEW YORK, NEW YORK 10278	APPROVED: P. KEARNS FIELD CARDGRANER
OPERATIONS DIVISION	APPROVED: B. HIGGINS LEAD CARDGRANER
SURVEYS AND MAPPING BRANCH	APPROVED: P. BHADUR CHIEF OF SURVEY SUPPORT SECTION
CENAN-OP-SS	DATE: 4 APRIL 2025 CHIEF OF SURVEYS AND MAPPING BRANCH

HUDSON RIVER CHANNEL
NEW YORK
CONDITION SURVEY

VH-107

7 OF 15





US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
23-30 JANUARY 2025
12-25 FEBRUARY 2025
04-31 MARCH 2025

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A

REQ. NO./FILE NO.: 15541/D
JHS/ESD
6/AM

APPROVED: P. REARNS
FIELD CARTOGRAPHER

APPROVED: B. HIGGINS
FIELD CARTOGRAPHER

APPROVED: P. BLADIER
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: J.L. MRAZ
CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 4 APRIL 2025

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

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CCNAN-OP-SS

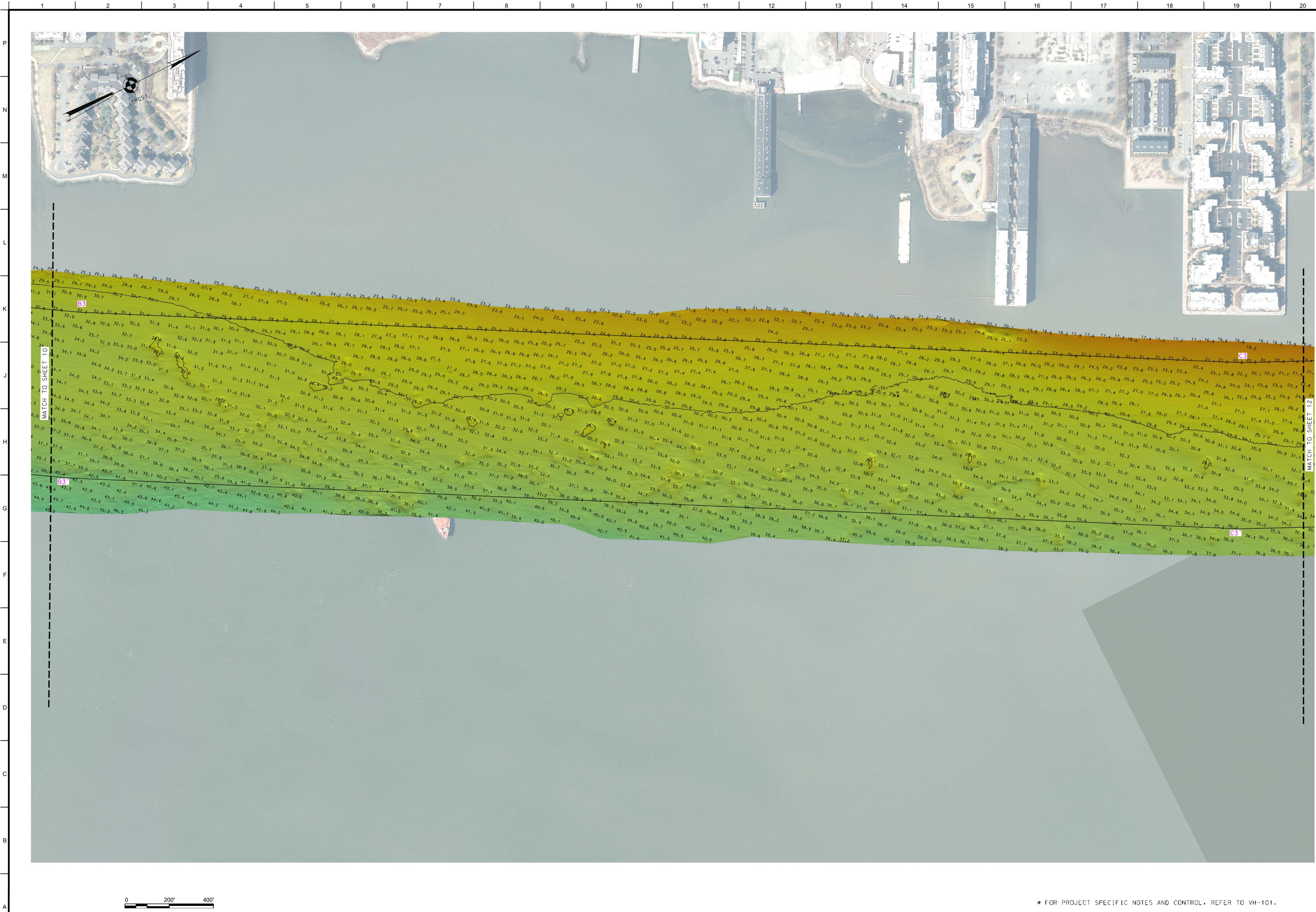
HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-109

9 OF 15

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PR	JHS-ESQ
MP	SC/AM

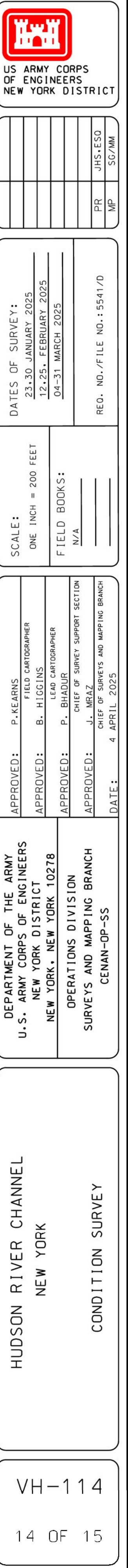
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APPROVED: P. KEARNS FIELD CARTOGRAPHER	APPROVED: B. HIGGINS FIELD CARTOGRAPHER	APPROVED: P. BLADUP CHIEF OF SURVEY SUPPORT SECTION	APPROVED: J.L. MGAZ CHIEF OF SURVEYS AND MAPPING BRANCH	DATE: 4 APRIL 2025
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DEPARTMENT 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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HUDSON RIVER CHANNEL NEW YORK CONDITION SURVEY
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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

	JHS-ESQ
PR	SG/MM
MP	

DATES OF SURVEY:

<u>23-30 JANUARY 2025</u>
<u>12-25, FEBRUARY 2025</u>
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REQ. NO./FILE NO.: 5541/D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A _____

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APPROVED:	B. HIGGINS	LEAD CARTOGRAPHER
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	J. MRAZ	CHIEF OF SURVEYS AND MAPPING BRANCH
DATE:	4 APRIL 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

HUDSON RIVER CHANNEL
NEW YORK
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