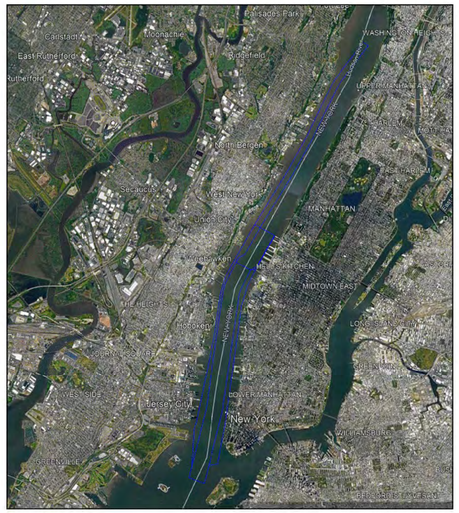
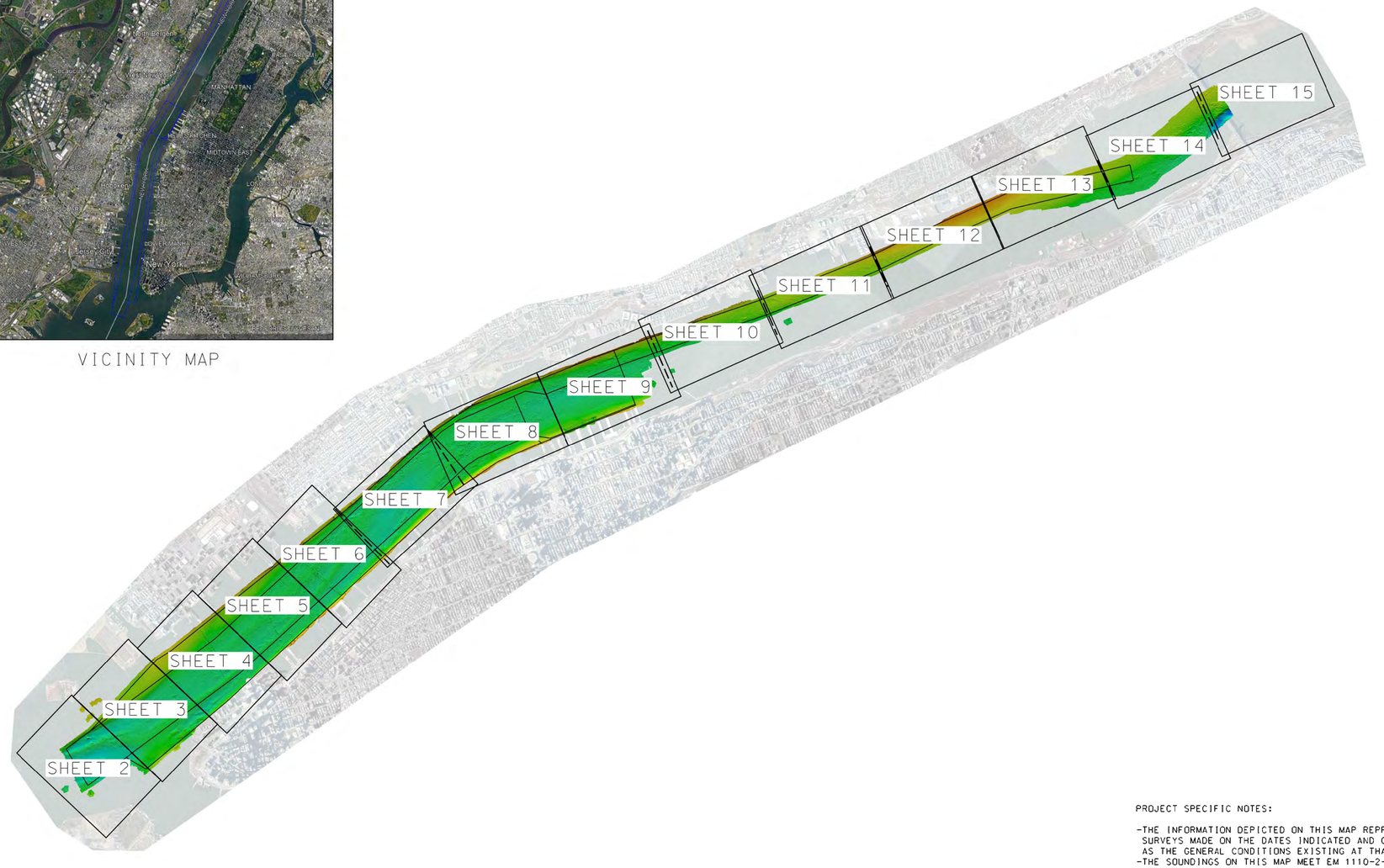




VICINITY MAP



0 3000' 6000'

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.
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-AERIAL IMAGERY PROVIDED BY 'DISCOVER GIS 2022' AND IS FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT".

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)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

CB.EG.DM
CM

DATES OF SURVEY:
22 SEPT 2022 -
12 DEC 2022

SCALE:
ONE INCH = 3000 FEET

FIELD BOOKS:
1050

REG. NO./FILE NO.: 5231/N1/N3

APPROVED: P. KEARNS FIELD CARTOGRAPHER
APPROVED: M. FIORITE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BRANDUR LEAD CARTOGRAPHER
APPROVED: J. MEAD CHIEF OF SURVEY
DATE: 11 JANUARY 2023

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-S

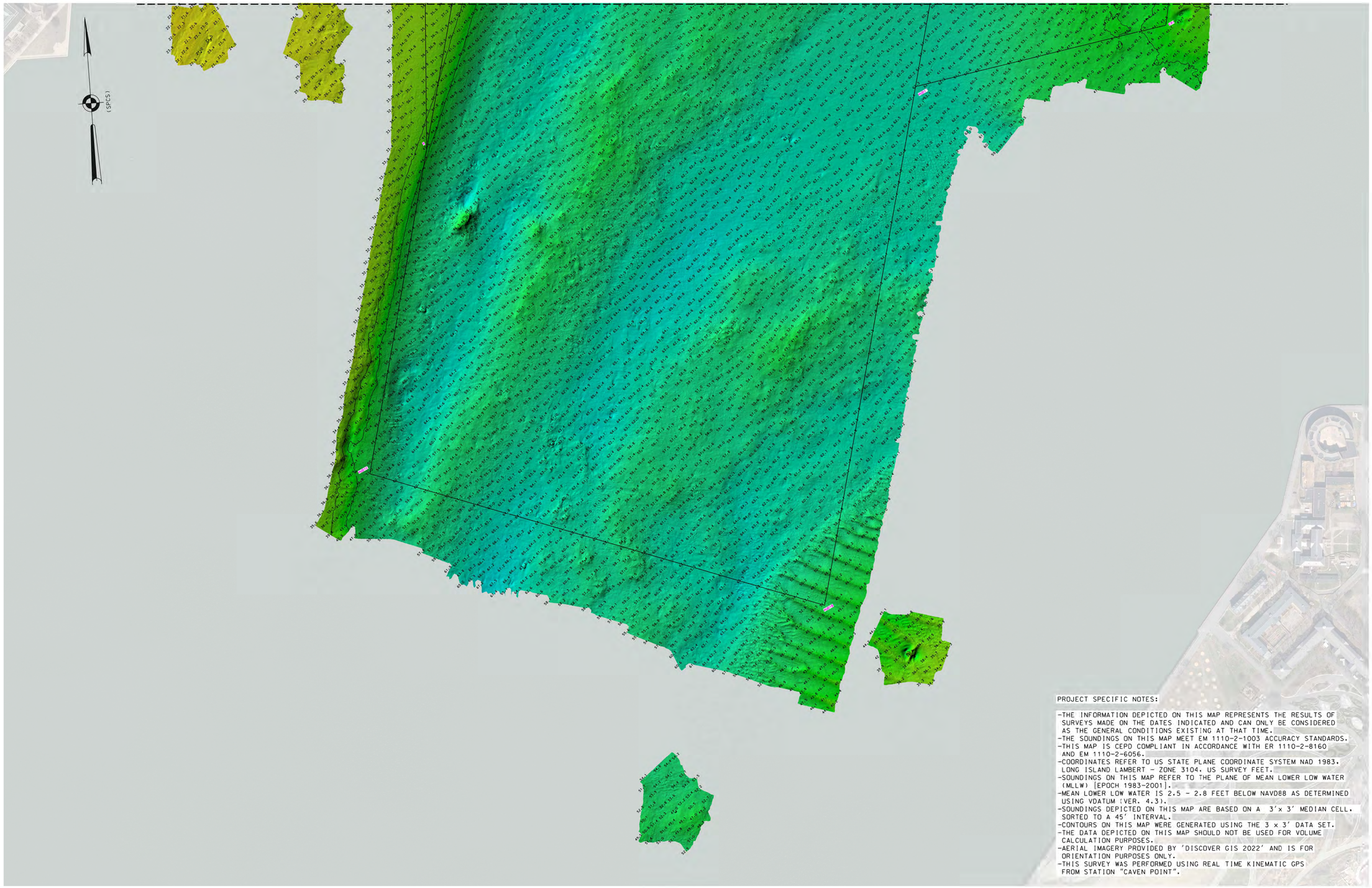
HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-101

1 OF 15

MATCH TO SHEET 3



PROJECT SPECIFIC NOTES:

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0 200' 400'

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)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CB-EG.DM	
WP	CM	

DATES OF SURVEY:
22 SEPT 2022 -
12 DEC 2022

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REG. NO./FILE NO.: 5231/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	LEAD CARTOGRAPHER
APPROVED:	J. MEZA	CHIEF OF SURVEY
DATE:	11 JANUARY 2023	

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-S

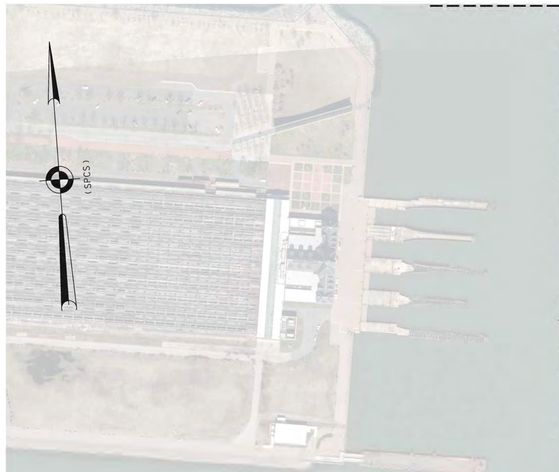
HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-102

2 OF 15

MATCH TO SHEET 4



PROJECT SPECIFIC NOTES:

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MATCH TO SHEET 2

0 200' 400'

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)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CB-EG-DM
VP	CM

DATES OF SURVEY:
22 SEPT 2022 -
12 DEC 2022

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REG. NO./FILE NO.: 5231/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	LEAD CARTOGRAPHER
APPROVED:	J. MEZA	BRANCH CHIEF OF SURVEY
DATE:	11 JANUARY 2023	

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-S

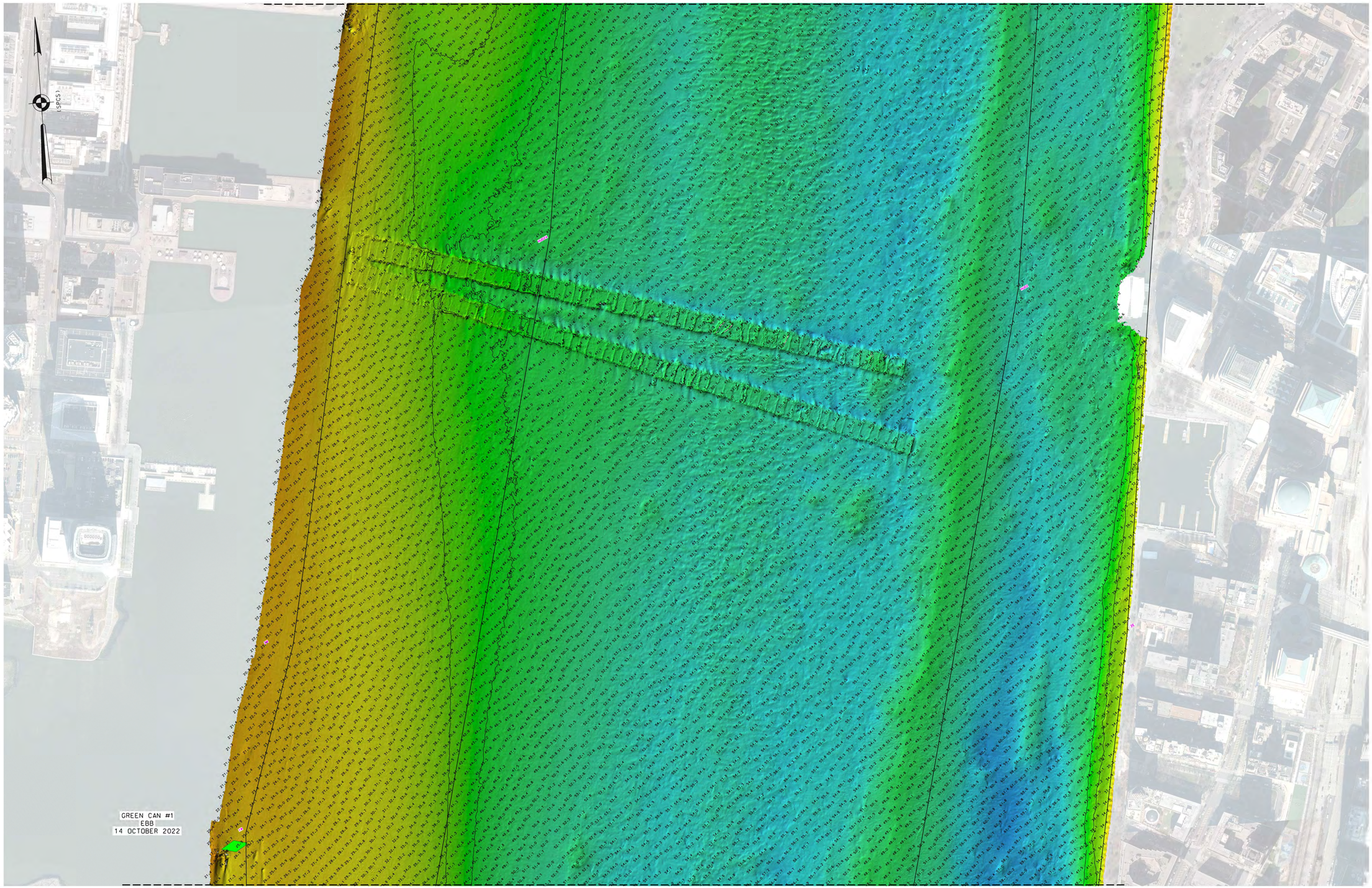
HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-103

3 OF 15

MATCH TO SHEET 5



MATCH TO SHEET 3

0 200' 400'

-REFER TO SHEET 1 FOR PROJECT NOTES

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

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	CB-EG-DM
VJP	CM

DATES OF SURVEY:
22 SEPT 2022 -
12 DEC 2022

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REQ. NO./FILE NO.: 5231/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	LEAD CARTOGRAPHER
APPROVED:	J. MEZ	ACTING CHIEF OF SURVEY
DATE:	11 JANUARY 2023	

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-S

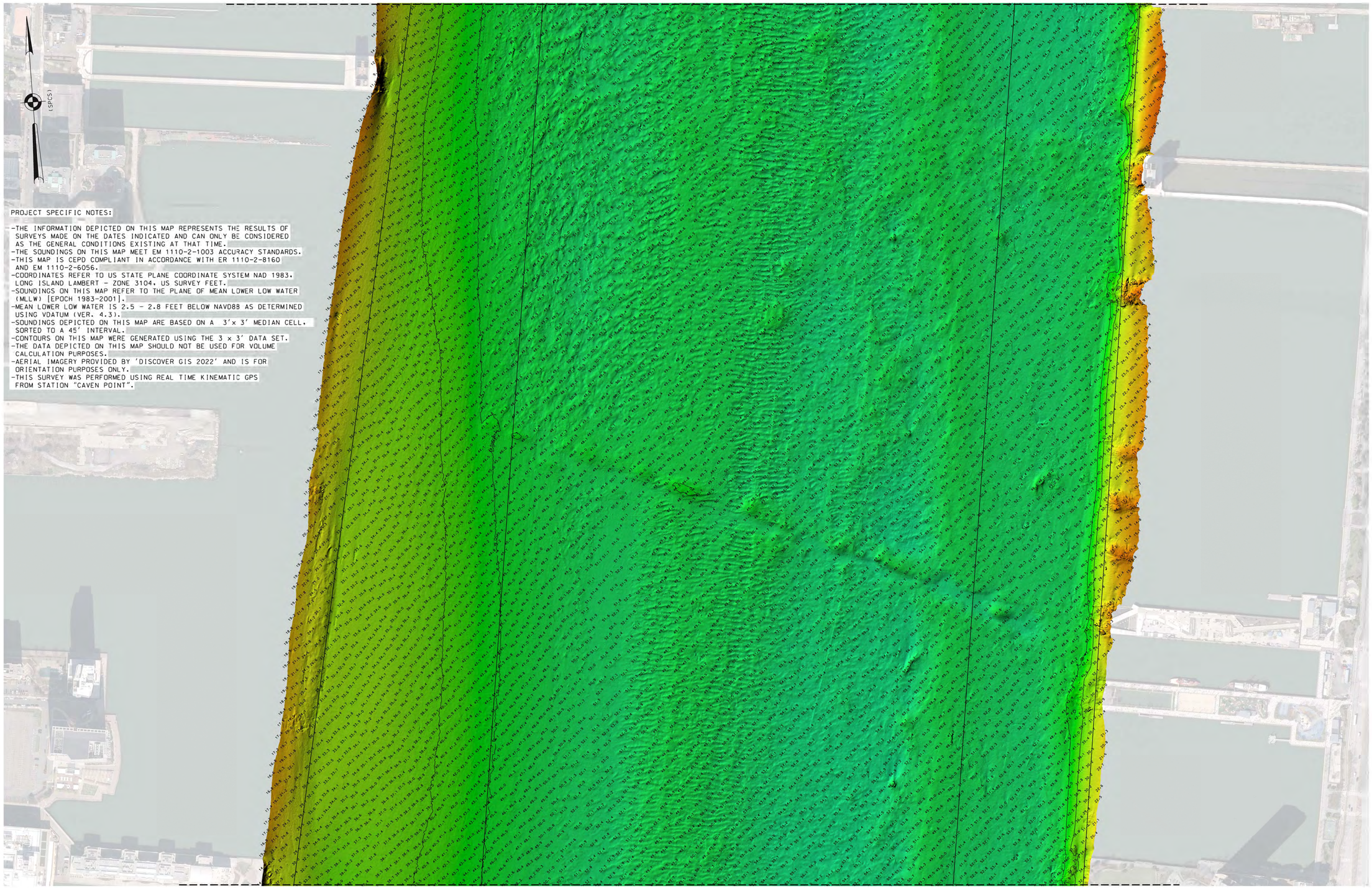
HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-104

4 OF 15

MATCH TO SHEET 6



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.
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MATCH TO SHEET 4

0 200' 400'

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)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CB-EG-DM
WP	CM

DATES OF SURVEY:
22 SEPT 2022 -
12 DEC 2022

REG. NO./FILE NO.: 5231/N1/N3

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	LEAD CARTOGRAPHER
APPROVED:	J. MERZ	ACTING CHIEF OF SURVEY
DATE:	04 JANUARY 2023	

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

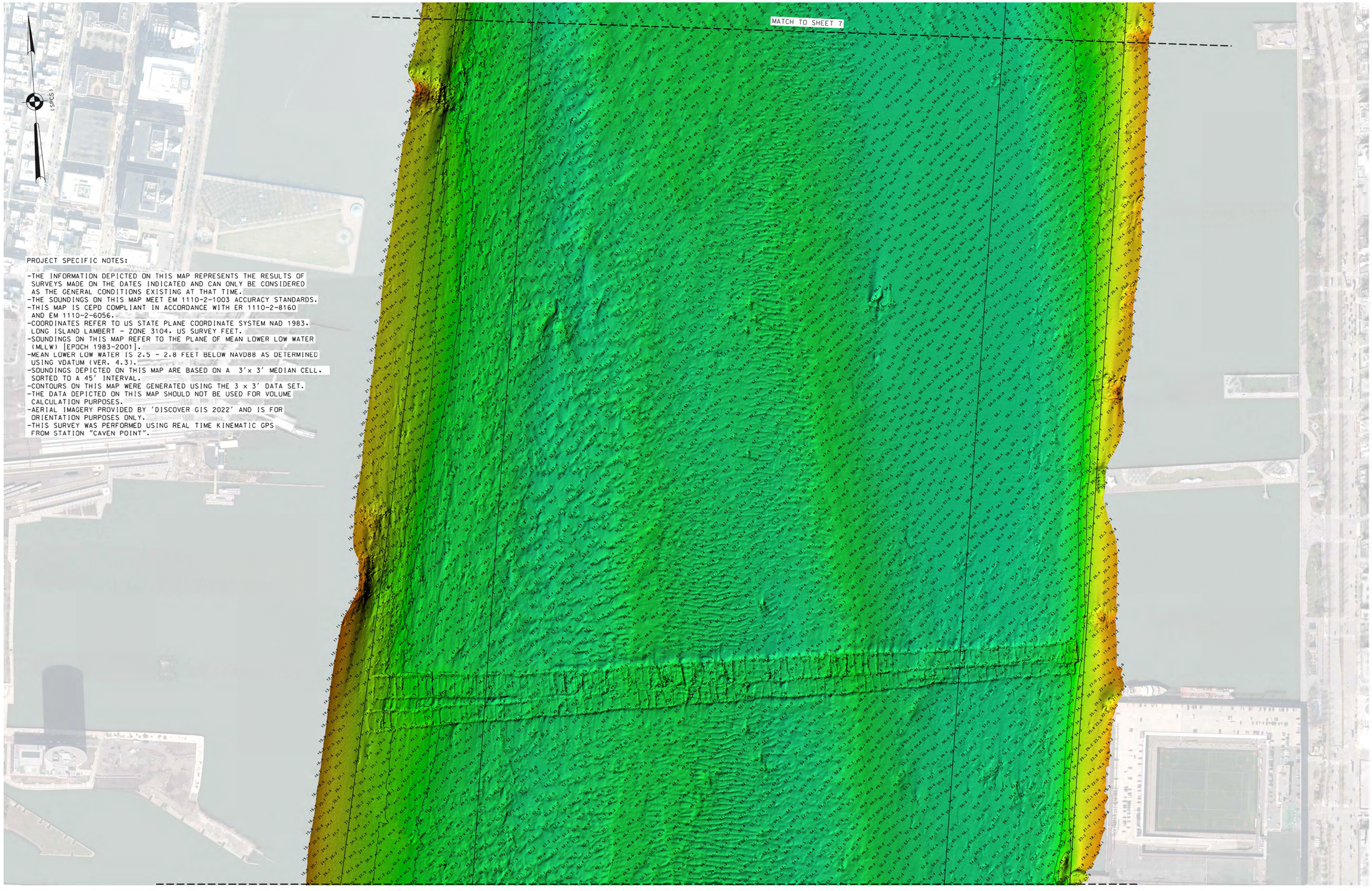
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-105

5 OF 15



PROJECT SPECIFIC NOTES:

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0 200' 400'

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)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CB-EG-DM	
WP	CM	

DATES OF SURVEY:
22 SEPT 2022 -
12 DEC 2022

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REG. NO./FILE NO.: 5231/N1/N3

APPROVED:	P. KEARNS, FIELD CARTOGRAPHER
APPROVED:	M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR, LEAD CARTOGRAPHER
APPROVED:	J. MEAD, CHIEF OF SURVEY
DATE:	04 JANUARY 2023

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

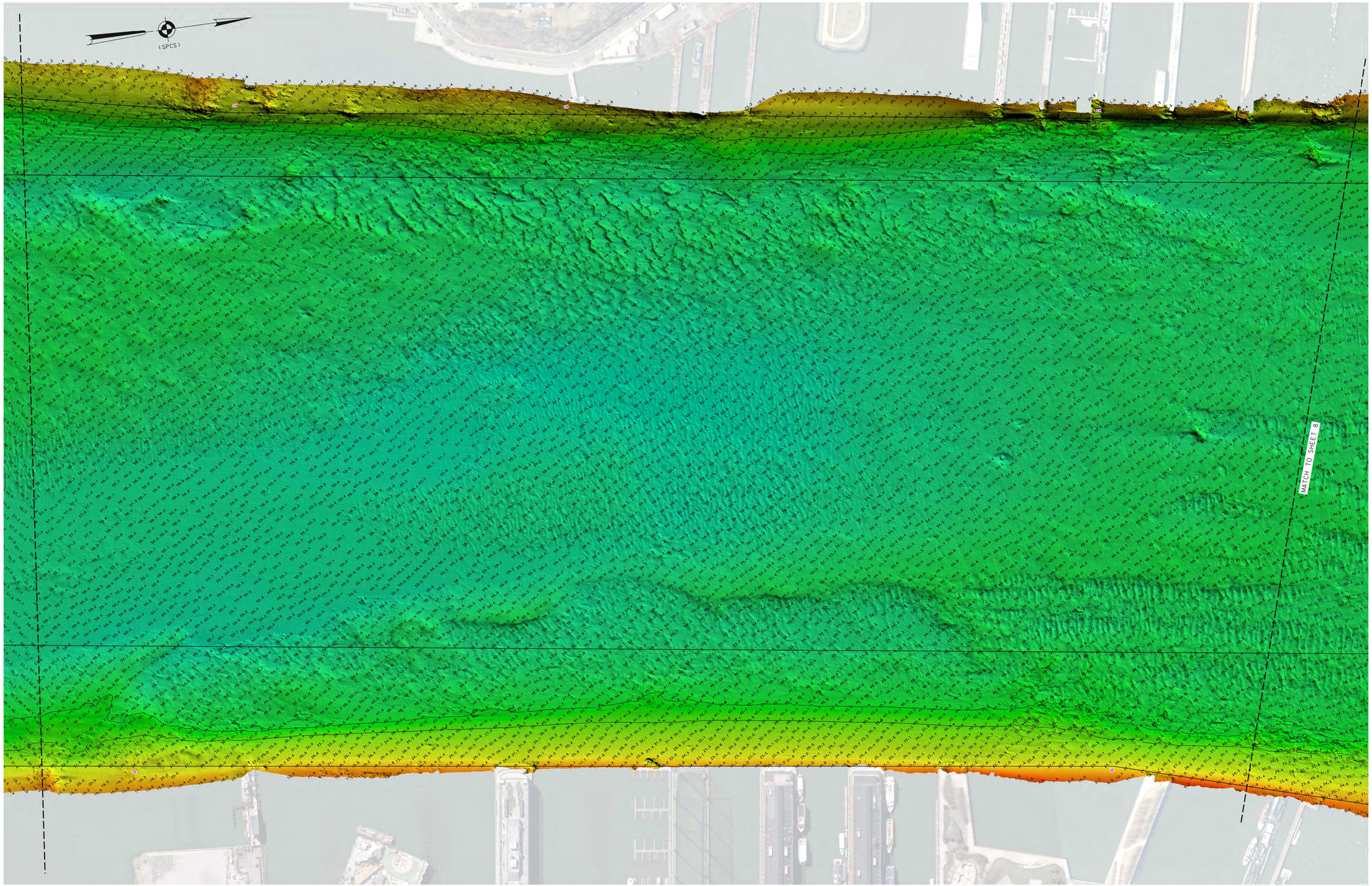
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-106

6 OF 15



0 200' 400'

-REFER TO SHEET 1 FOR PROJECT NOTES

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)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	PR	CB-EG-DM
	WP	CM

DATES OF SURVEY:
22 SEPT 2022 -
12 DEC 2022

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REG. NO./FILE NO.: 5231/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	LEAD CARTOGRAPHER
APPROVED:	J. MEAD	ACTING CHIEF OF SURVEY
DATE:	04 JANUARY 2023	

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

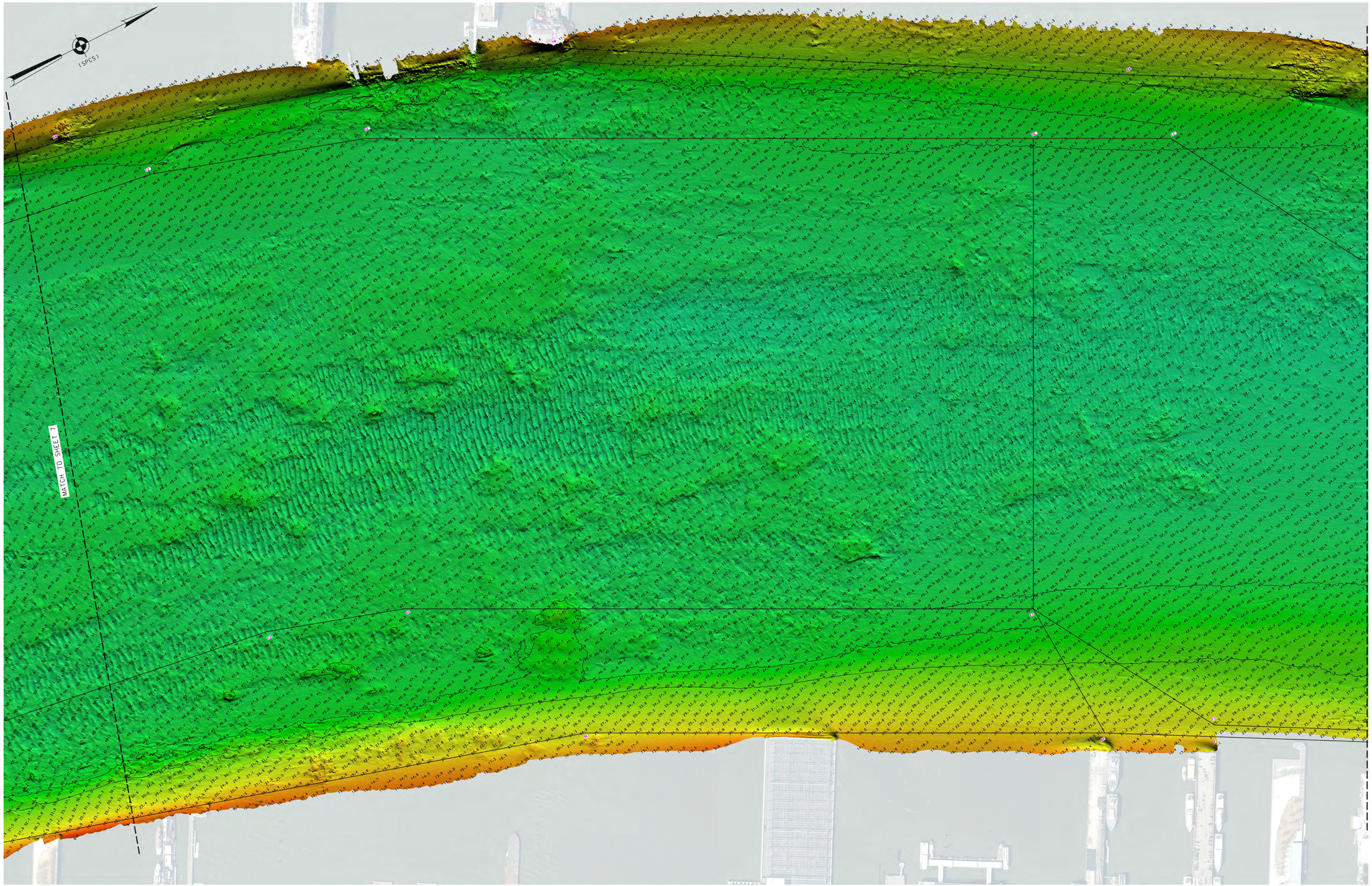
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-107

7 OF 15



0 200' 400'

-REFER TO SHEET 1 FOR PROJECT NOTES

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: 1238 (PID:KU1654)	BENCHMARK: HIGHWOOD 3 1932 (PID:KV4023)
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CB-EG.DM
VP	CM

DATES OF SURVEY:
22 SEPT 2022 -
12 DEC 2022

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REG. NO./FILE NO.: 5231/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
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DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

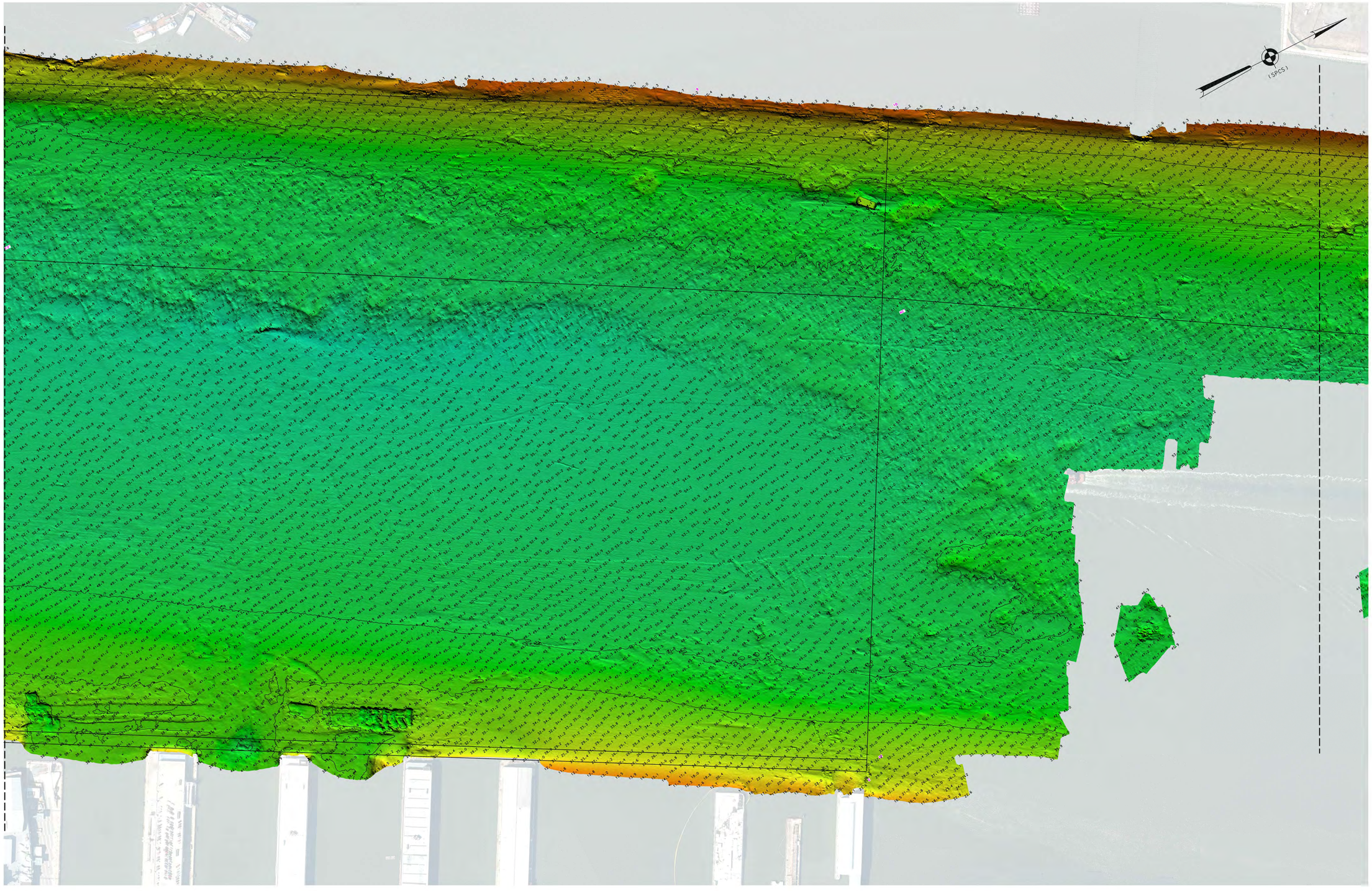
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-108

8 OF 15



MATCH TO SHEET 8

MATCH TO SHEET 10

0 200' 400'

-REFER TO SHEET 1 FOR PROJECT NOTES

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)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CB-EG-DM
VJP	CM

DATES OF SURVEY:
22 SEPT 2022 -
12 DEC 2022

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REG. NO./FILE NO.: 5231/N1/N3

APPROVED:	P. KEARNS FIELD CARTOGRAPHER
APPROVED:	M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR LEAD CARTOGRAPHER
APPROVED:	J. MRAZ ACTING CHIEF OF SURVEY
DATE:	04 JANUARY 2023

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

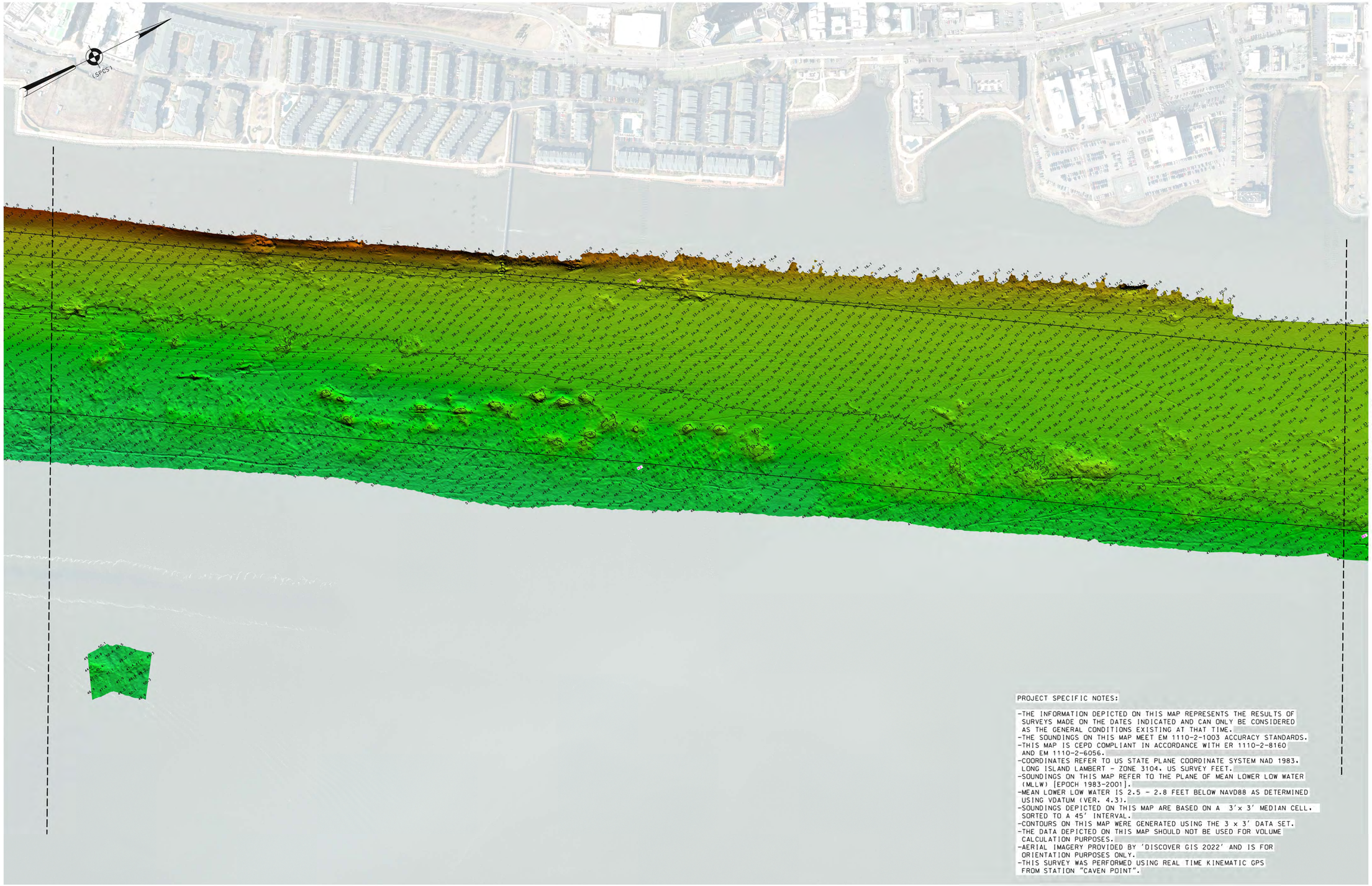
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-109

9 OF 15



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.
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0 200' 400'

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ELEVATION: 65.36' (NAVD 1988)	ELEVATION: 167.08' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

																		PR	CB-EG-DM
																		VJP	CM

DATES OF SURVEY:
22 SEPT 2022 -
12 DEC 2022

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REQ. NO./FILE NO.: 5231/N1/N3

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, LEAD CARTOGRAPHER
APPROVED: J. MEZA, CHIEF OF SURVEY
DATE: 04 JANUARY 2023

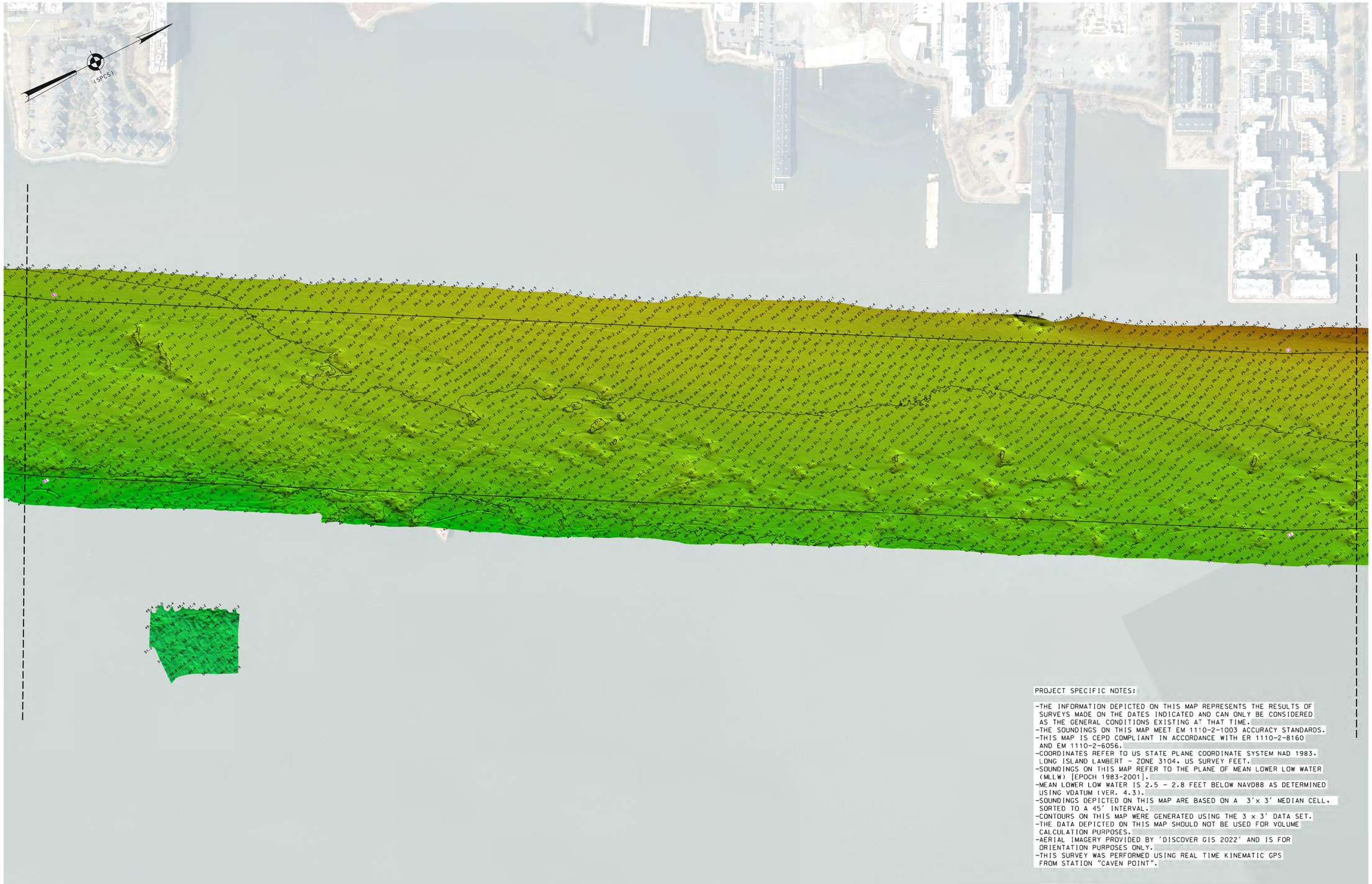
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-110



PROJECT SPECIFIC NOTES:

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0 200' 400'

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)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CB.EG.GM
WP	CM

DATES OF SURVEY:
22 SEPT 2022 -
12 DEC 2022

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REG. NO./FILE NO.: 5231/N1/N3

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, LEAD CARTOGRAPHER
APPROVED: J. MEHL, CHIEF OF SURVEY
DATE: 04 JANUARY 2023

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

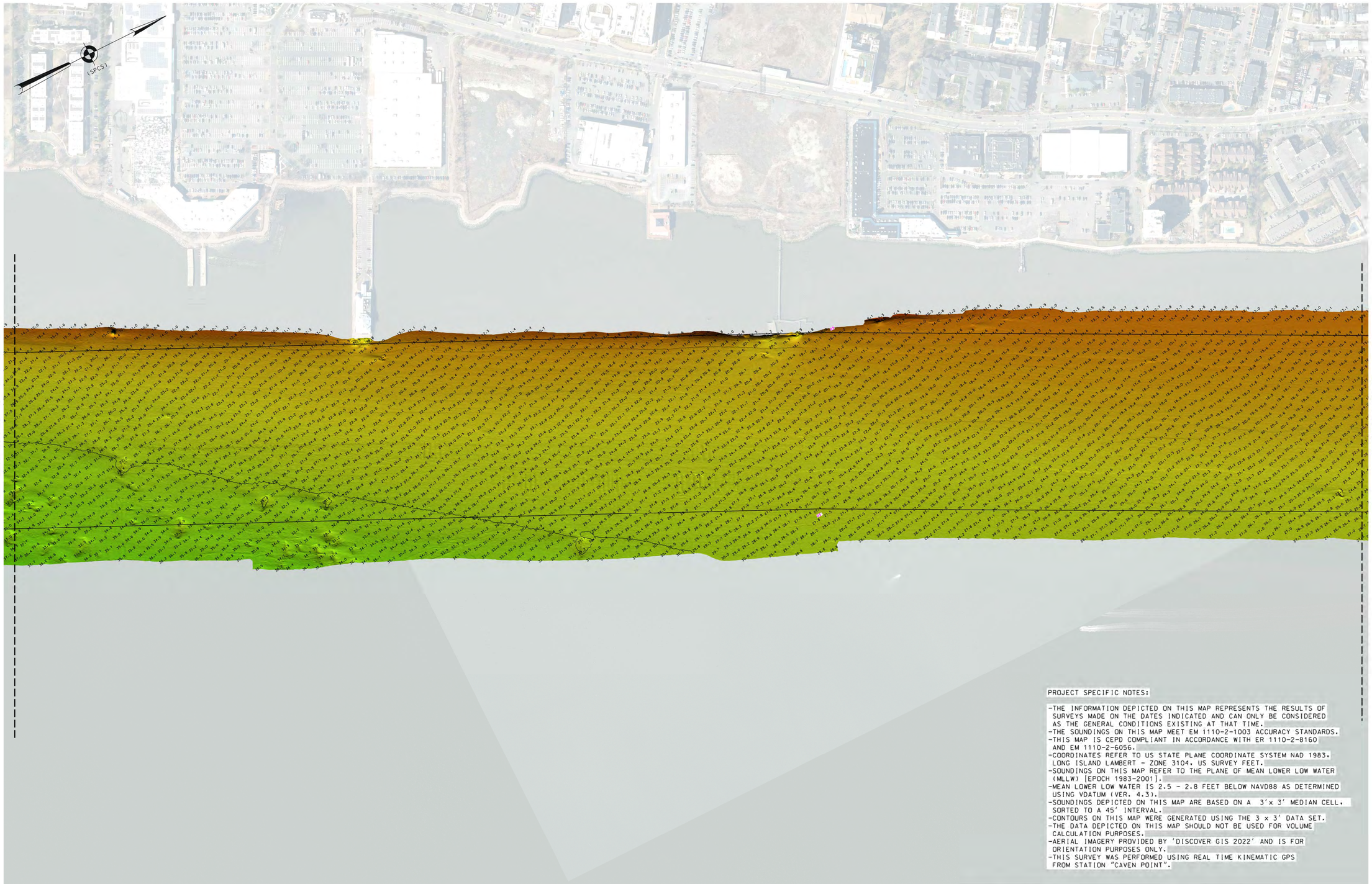
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-111

11 OF 15



PROJECT SPECIFIC NOTES:

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0 200' 400'

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	PR	CB.EG.GM
	VJP	CM

DATES OF SURVEY:
22 SEPT 2022 -
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SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REG. NO./FILE NO.: 5231/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	LEAD CARTOGRAPHER
APPROVED:	J. MEAD	ACTING CHIEF OF SURVEY
DATE:	04 JANUARY 2023	

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

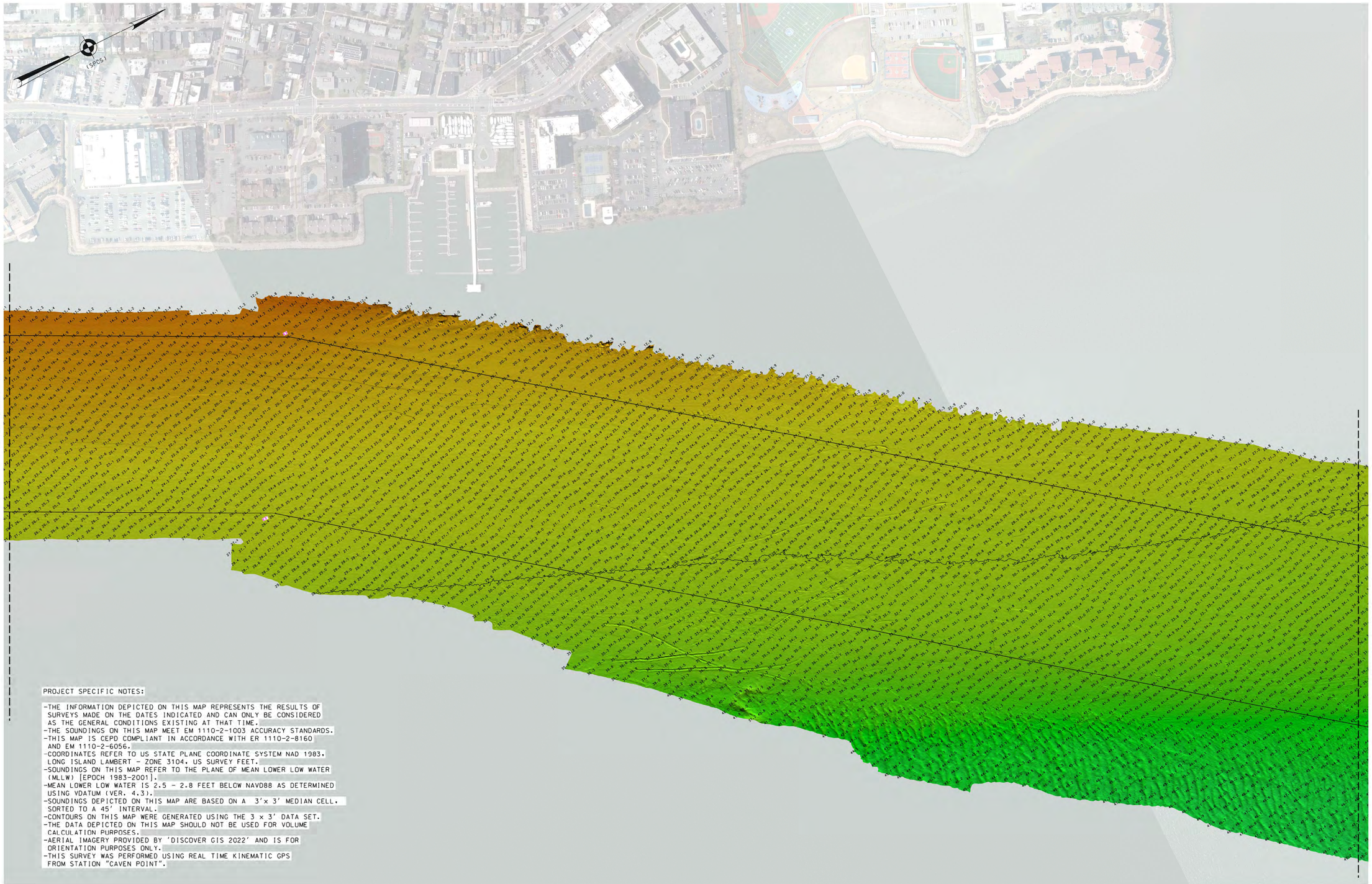
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-112

12 OF 15



PROJECT SPECIFIC NOTES:

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CB-EG-DM
VJP	CM

DATES OF SURVEY:
22 SEPT 2022 –
12 DEC 2022

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REG. NO./FILE NO.: 5231/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
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APPROVED:	P. BHADUR	LEAD CARTOGRAPHER
APPROVED:	J. MEAD	CHIEF OF SURVEY
DATE:	04 JANUARY 2023	

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

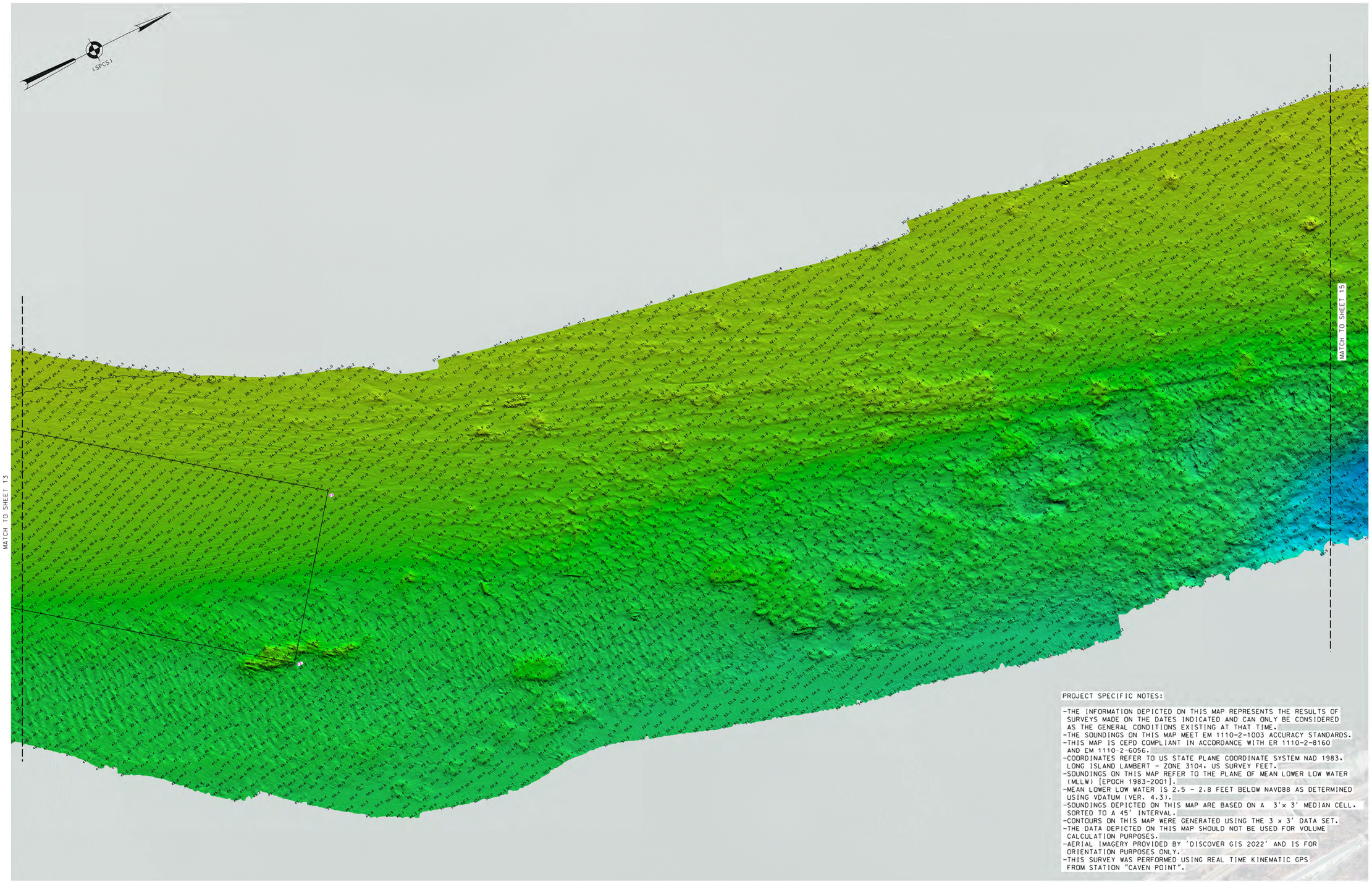
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-113

13 OF 15



PROJECT SPECIFIC NOTES:

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR | CB-EG-DM
VP | CM

DATES OF SURVEY:
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SCALE:
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REG. NO./FILE NO.: 5231/N1/N3

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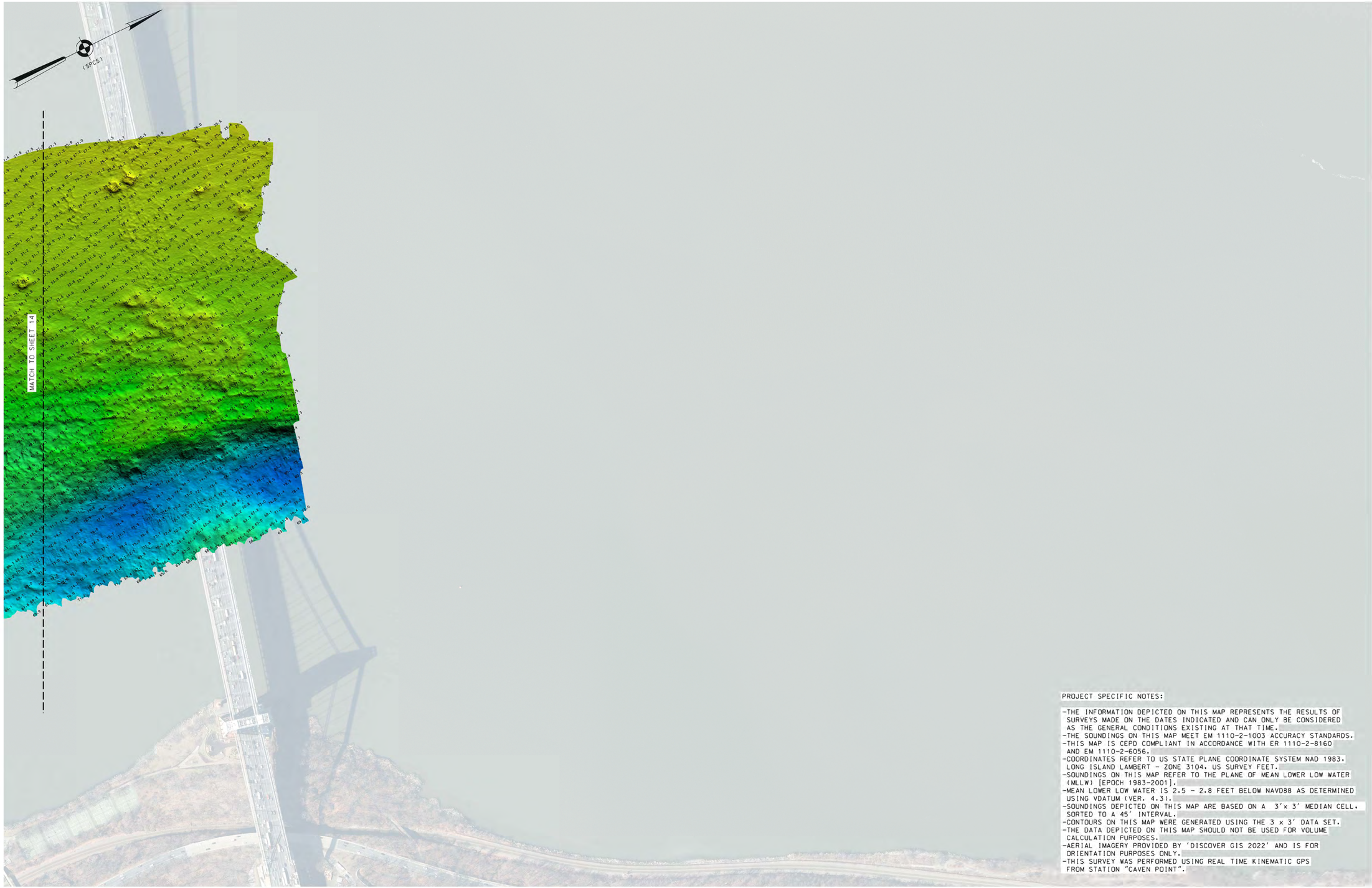
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

HUDSON RIVER CHANNEL
NEW YORK

CONDITION SURVEY

VH-114

14 OF 15



0 200' 400'

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US ARMY CORPS OF ENGINEERS
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HUDSON RIVER CHANNEL
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CONDITION SURVEY

VH-115

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