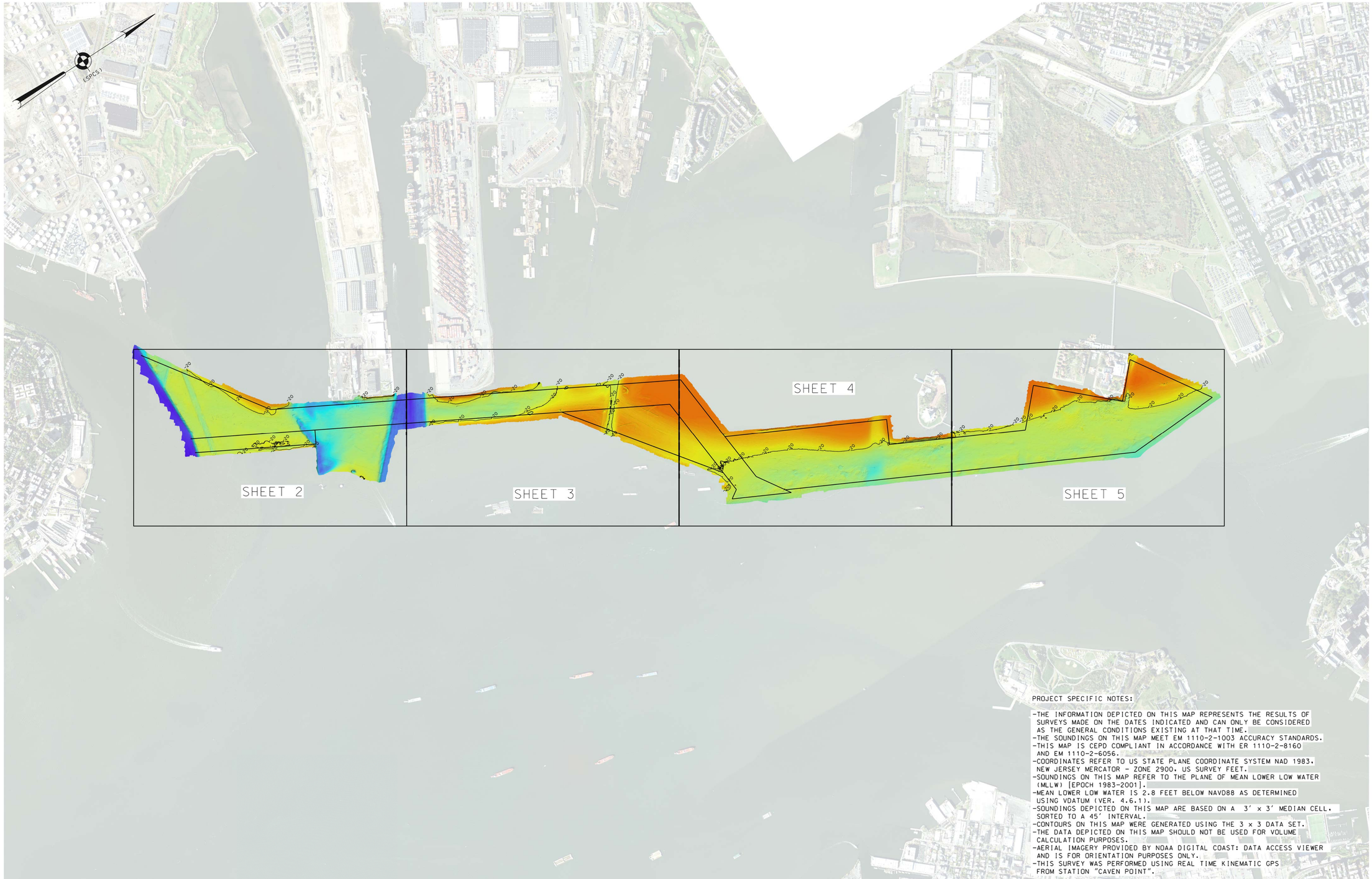


PROJECT SPECIFIC NOTES:

- 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 2.8 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.6.11).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL. SORTED TO A 45' 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 NOAA DIGITAL COAST: DATA ACCESS VIEWER AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT".

0 1000' 2000'

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: S. SIMON (PID: BBCW10)	BENCHMARK: P 38 (PID: KV0333)
ELEVATION: 7.25' (NAVD 1988)	ELEVATION: 21.93' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JHS-EO	
MP	CM-JHS	

DATES OF SURVEY:
17-22,25-30 JAN 2024
7-9,14-15 FEB 2024

REQ. NO./FILE NO.: 5402/0/N3/N4

SCALE:
ONE INCH = 1000 FEET

FIELD BOOKS:
N/A

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 22 FEBRUARY 2024

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

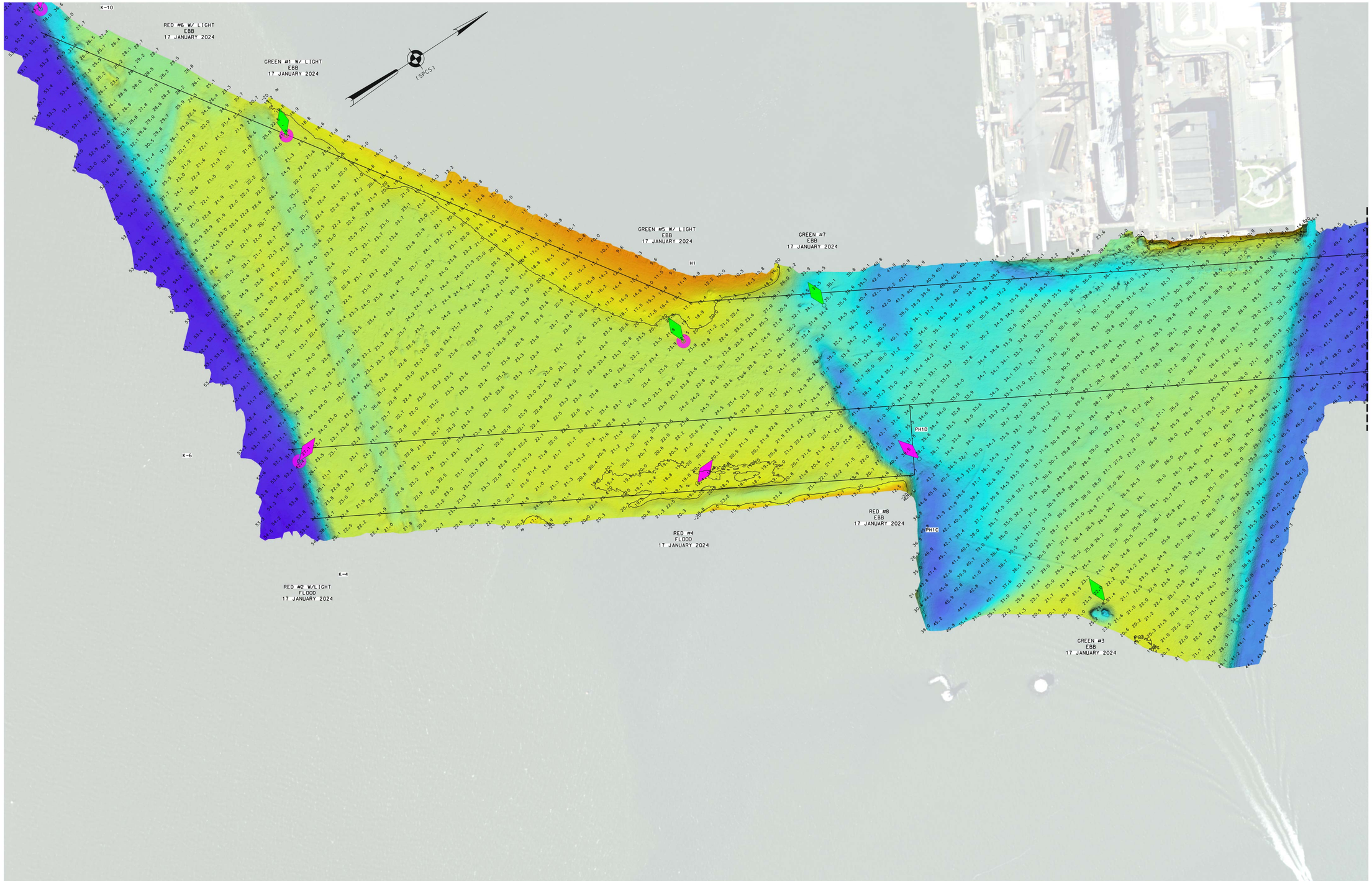
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK HARBOR
CHANNEL ALONG NJ PIERHEAD LINE

CONDITION SURVEY

VH-101

1 OF 5



SEE SHEET VH-101 FOR PROJECT SPECIFIC NOTES AND CONTROL.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JHS-EO	
MP	CM-JHS	

DATES OF SURVEY:
17-22-25-30 JAN 2024
7-9-14-15 FEB 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
N/A

REQ. NO./FILE NO.: 5402/0/N3/N4

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIRAZ
DEPUTY CHIEF, SURVEYS AND MAPPING BRANCH

DATE: 22 FEBRUARY 2024

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

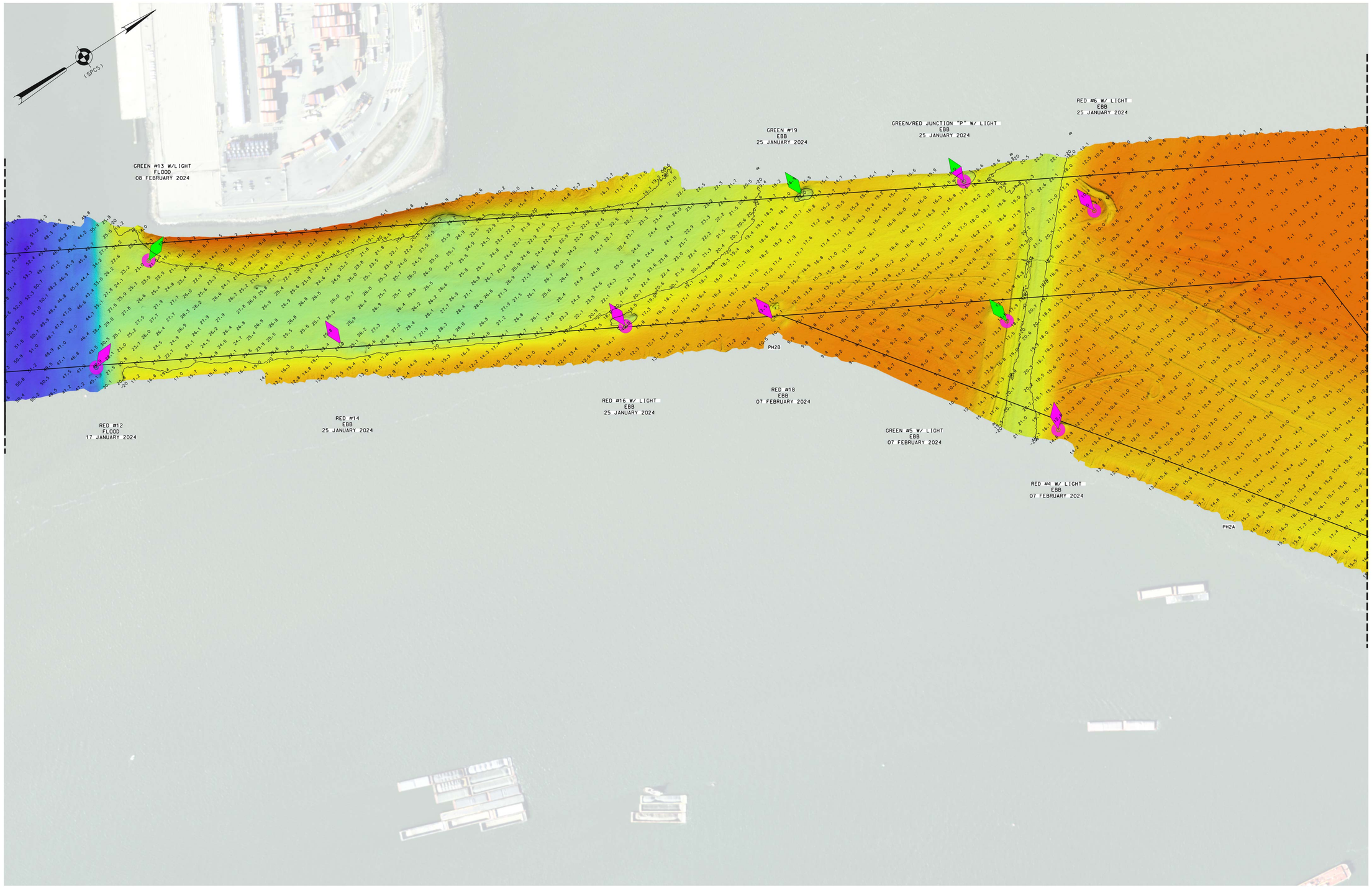
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK HARBOR
CHANNEL ALONG NJ PIERHEAD LINE

CONDITION SURVEY

VH-102

2 OF 5



SEE SHEET VH-101 FOR PROJECT SPECIFIC NOTES AND CONTROL.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JHS-ED	
MP	CM-JHS	

DATES OF SURVEY:
17-22-25-30 JAN 2024
7-9-14-15 FEB 2024

REQ. NO./FILE NO.: 5402/0/N3/N4

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
N/A

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKAZ — DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 22 FEBRUARY 2024

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

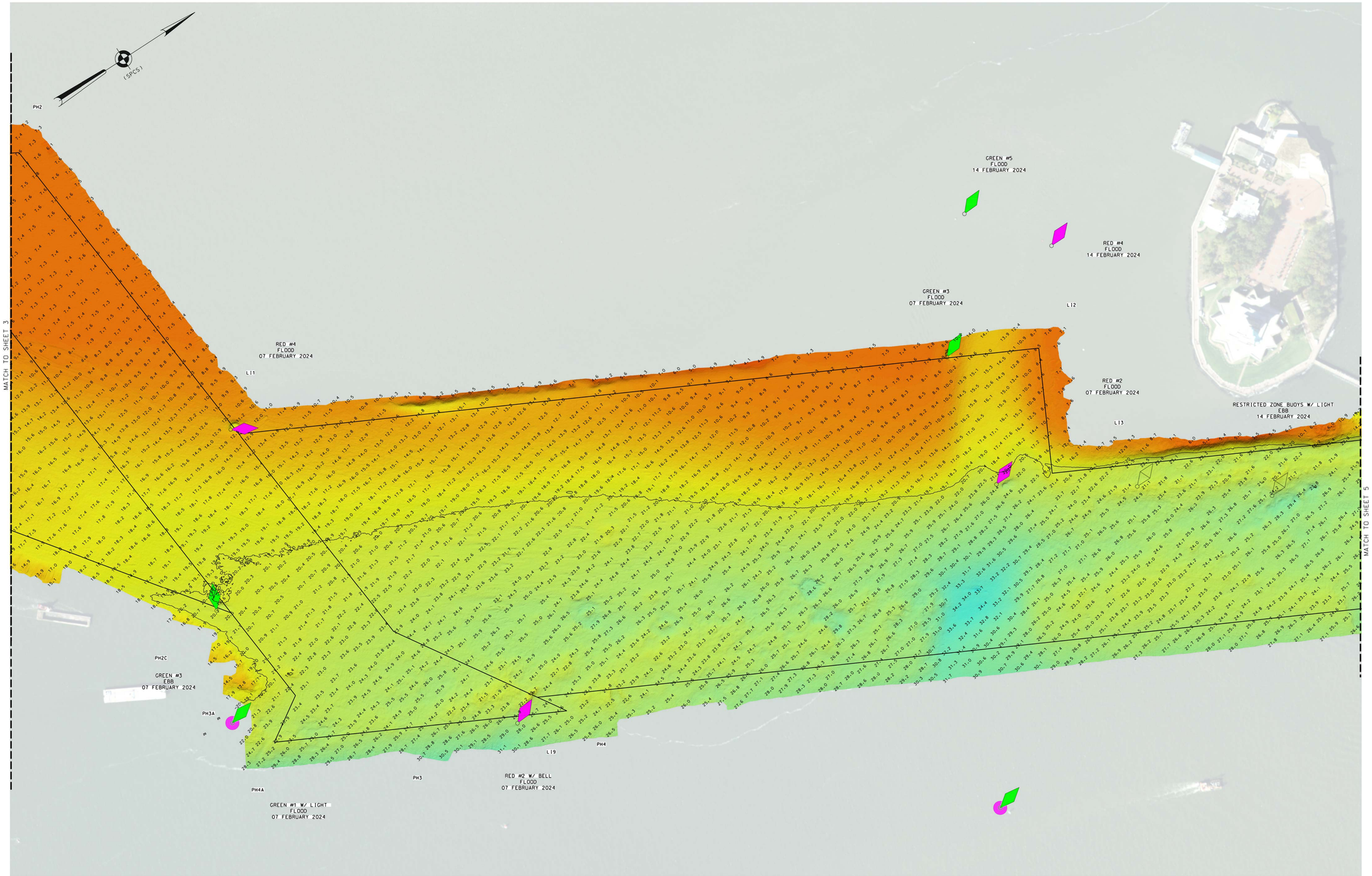
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK HARBOR
CHANNEL ALONG NJ PIERHEAD LINE

CONDITION SURVEY

VH-103

3 OF 5



SEE SHEET VH-101 FOR PROJECT SPECIFIC NOTES AND CONTROL.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JHS-ED	
MP	CM-JHS	

DATES OF SURVEY:
17-22,25-30 JAN 2024
7-9,14-15 FEB 2024

REQ. NO./FILE NO.: 5402/0/N3/N4

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
N/A

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIKAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 22 FEBRUARY 2024

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NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

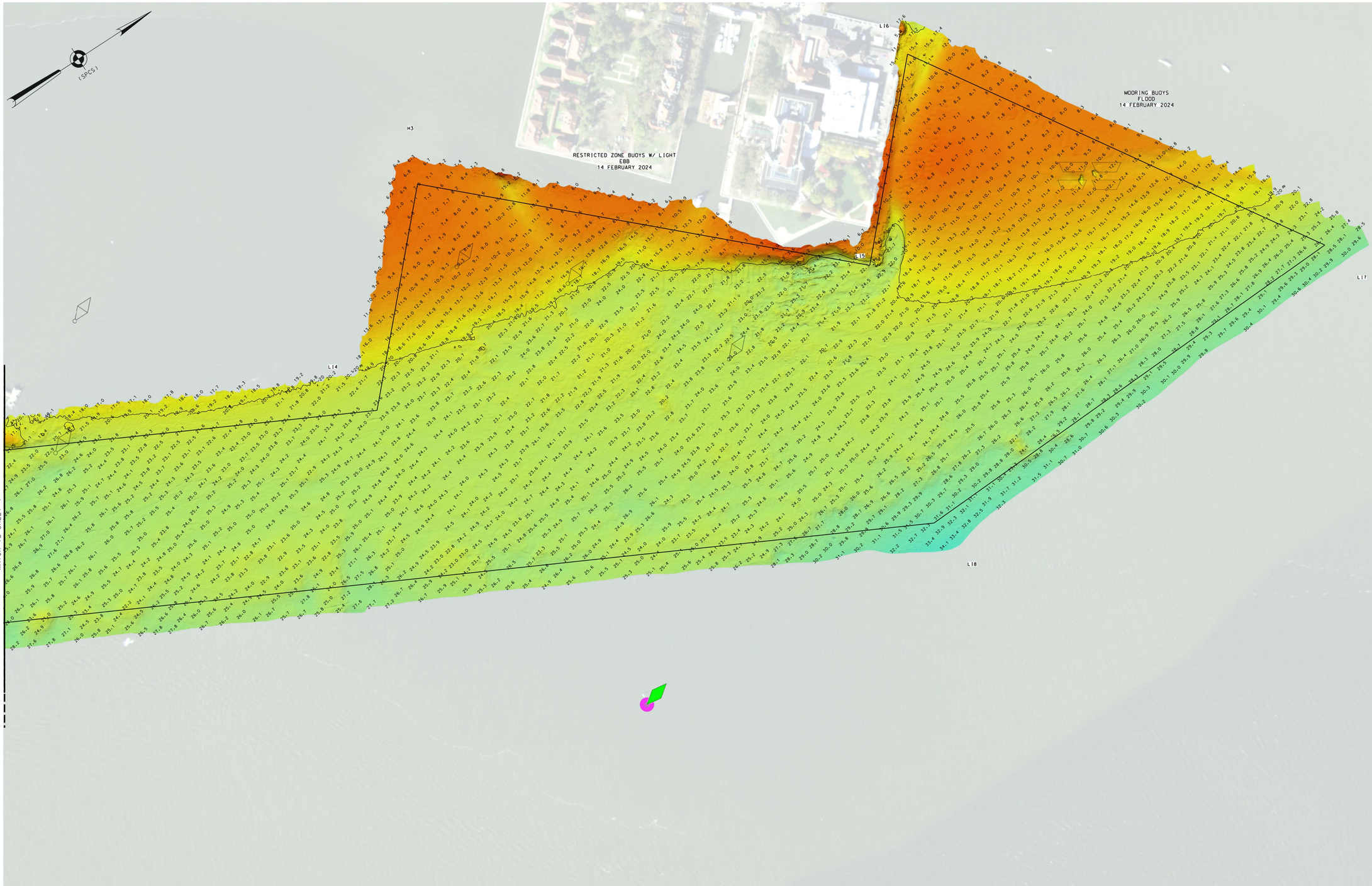
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK HARBOR
CHANNEL ALONG NJ PIERHEAD LINE

CONDITION SURVEY

VH-104

4 OF 5



SEE SHEET VH-101 FOR PROJECT SPECIFIC NOTES AND CONTROL.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JHS-ED	
MP	CM-JHS	

DATES OF SURVEY:
17-22,25-30 JAN 2024
7-9,14-15 FEB 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1028-1046

REQ. NO./FILE NO.: 5402/0/N3/N4

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 22 FEBRUARY 2024

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NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK HARBOR
CHANNEL ALONG NJ PIERHEAD LINE

CONDITION SURVEY

VH-105

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