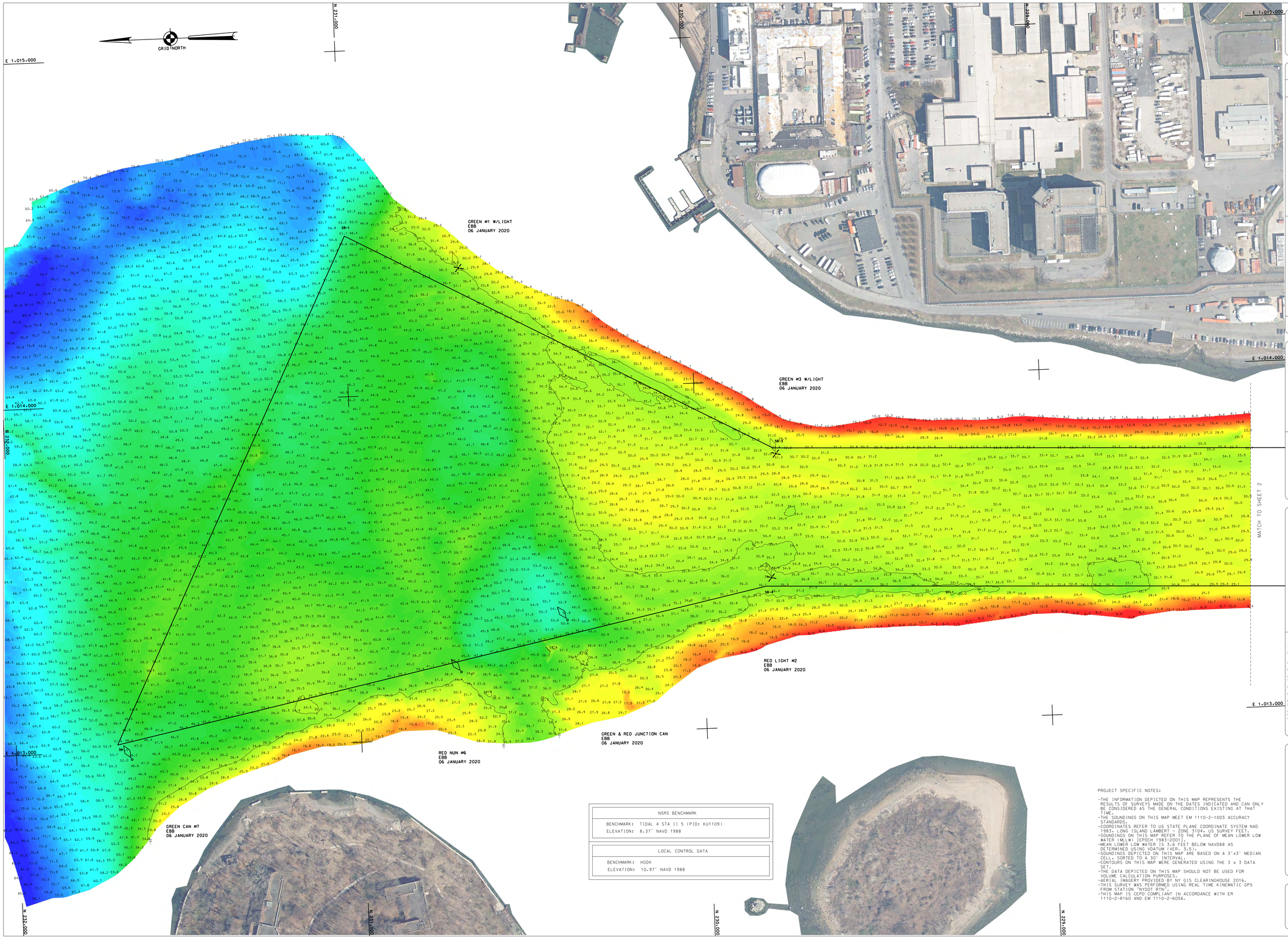
CORPS OF ENGINEERS

U. S. ARMY



NSRS BENCHMARK	
BENCHMARK:	TIDAL 4 STA II 5 (PID: KU1109)
ELEVATION:	8.37' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	HGDH
ELEVATION:	10.97' 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.
- 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 3.6 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.5).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3'x3' MEDIAN CELL, SORTED TO A 30' 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 NY GIS CLEARINGHOUSE 2016.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NYDOT RTN".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

JMS	PR	
JMS	MP	

DATES OF SURVEY: 3, 6 JANUARY 2020

REQUEST NO./FILE NO.: 4903/N1

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: N/A

APPROVED: J. MCKELVEY, P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEYS

DATE: 31 JANUARY 2020

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

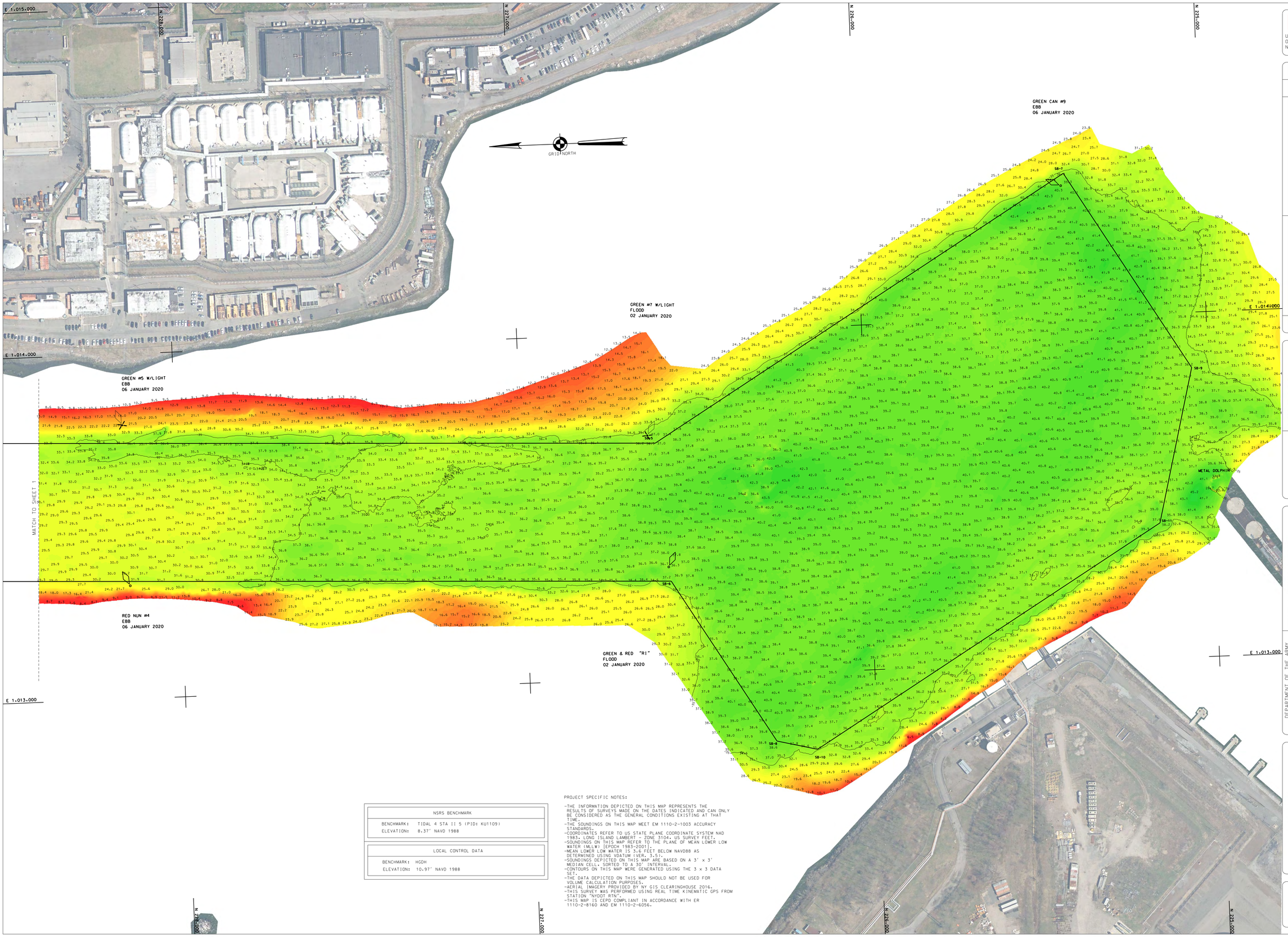
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

EAST RIVER
SOUTH BROTHER ISLAND CHANNEL
CONDITION SURVEY

VH-101

SHEET 1 OF 2

REQ NO/FILE NO: 4903/N1



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OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

EAST RIVER
SOUTH BROTHER ISLAND CHANNEL
CONDITION SURVEY

VH-102

SHEET 2 OF 2

REQ NO./FILE NO.: 4903/N1