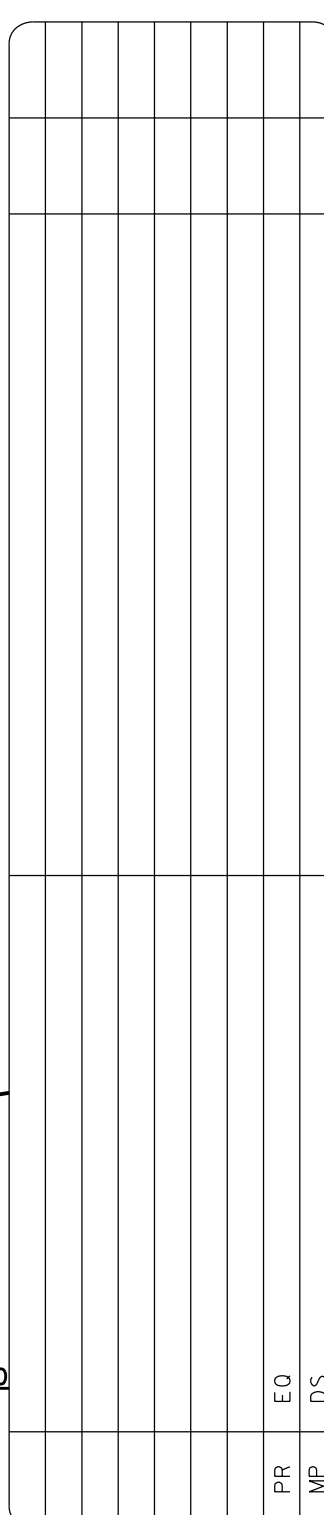




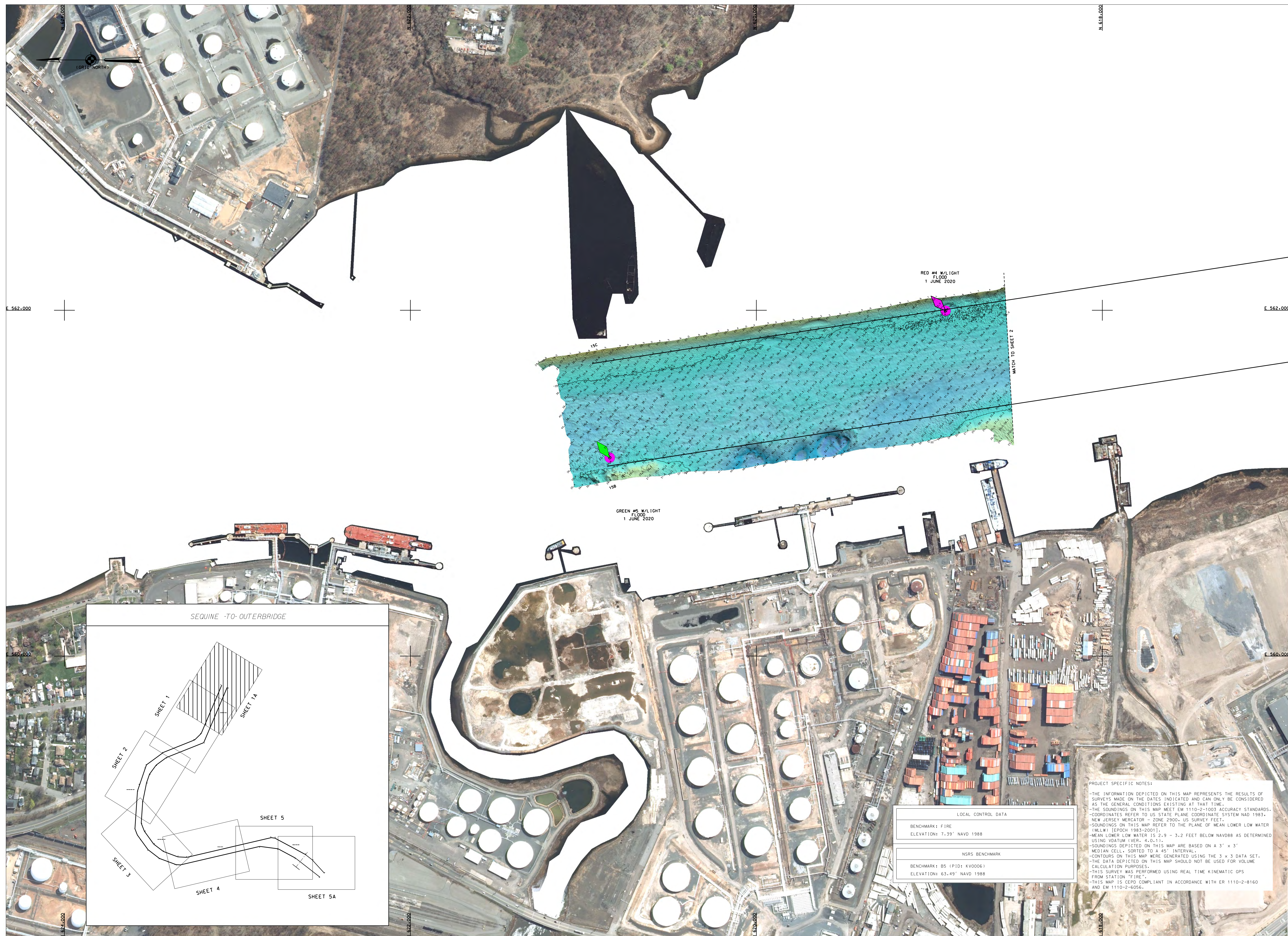
SCALE: _____
ONE INCH = 200 FEET

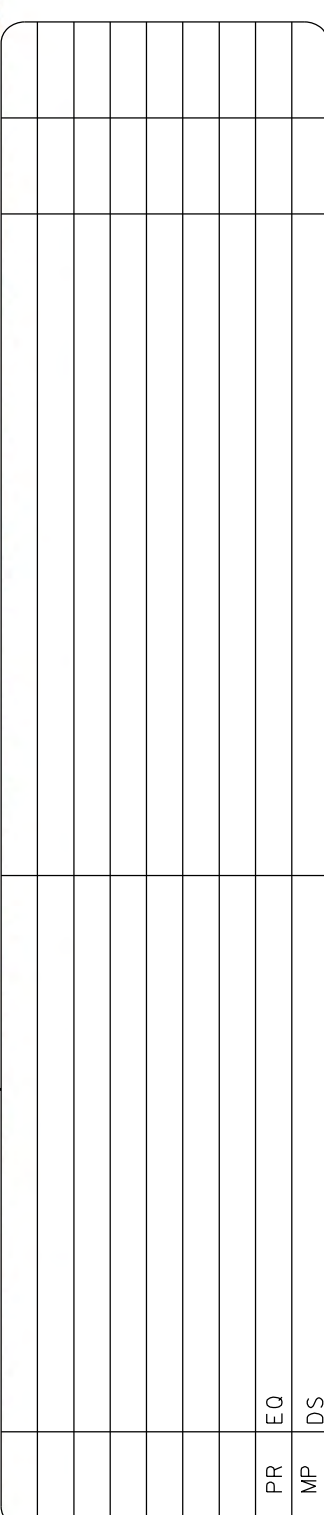
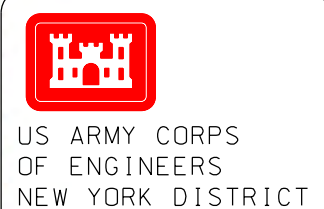
FIELD BOOKS: _____
N/A _____

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10007-5000

VH-101

REQ. NO./FILE NO.:4948/N1/N3/D





DATES OF SURVEY:
 12-13, 22, 26, 28 MAY 2020
 1-4 JUNE 2020

EQ. NO./FILE NO.: 4948/N1/W3/D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A

APPROVED: J. McKEIVY
FIELD CHARGEMAN

APPROVED: M. FORTÉ
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
LEAD CHARGEMAN

APPROVED: J. WRAZ
SOUTH CHIEF OF SENTRY

DATE: 8 JUNE 2020

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

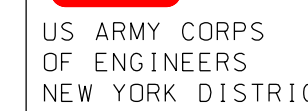
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

N.Y. & N.J. CHANNELS
OUTERBRIDGE TO SEGUINE POINT
STATUS SURVEY

VH-102

SHEET 2 OF 7

REQ. NO./FILE NO.: 4948/N1/N3/D

[illegible]

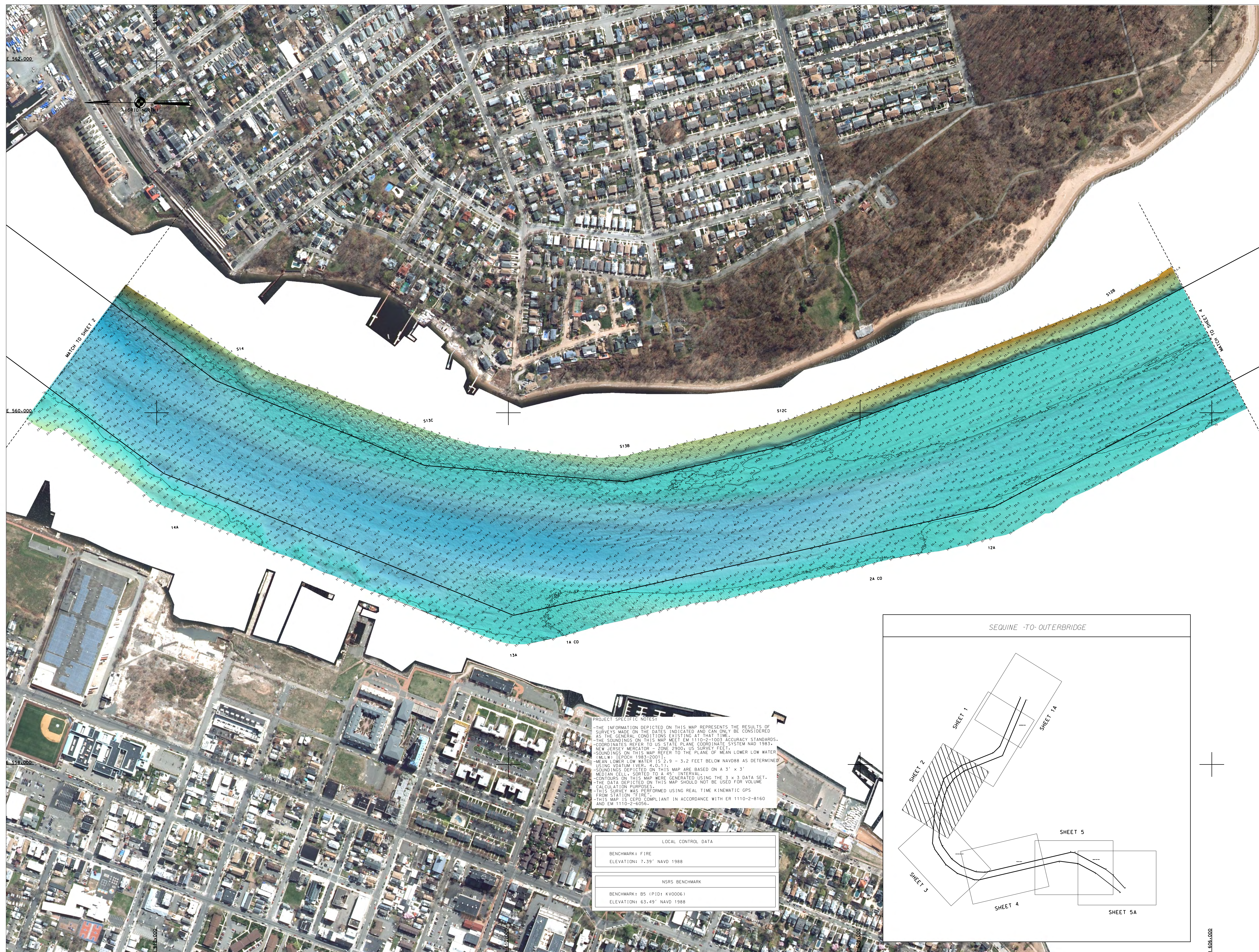
SCALE: ONE INCH = 200 FEET	DATES OF SURVEY: 12-13, 22-26, 28 MAY 2020 1-4 JUNE 2020
FIELD BOOKS: N/A	REG. NO./FILE NO.: 4948/N1/N3/D

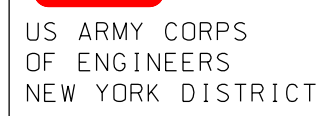
DEPARTMENT OF THE ARMY ENGINEERING CENTER CORPS OF ENGINEERS NEW YORK, NEW YORK 10278	APPROVED: J. MCKELVEY VICE COMMANDER
	APPROVED: M. FORTE CHIEF, MATERIEL FUNCTION
	APPROVED: P. BHADURI LOG COMMANDER
OPERATIONS DIVISION SURVEY SECTION CENAN-OP-S	APPROVED: J. MRAZ DEPT. CHIEF OF SURVEY

N. Y. & N. J. CHANNELS
OUTERBRIDGE TO SEGUINE POINT
STATUS SURVEY

VH-103

SHEET 3 OF 7



[illegible]

SCALE : ONE INCH = 200 FEET	DATES OF SURVEY : 12-13, 25, 26, 28 MAY 2020 1-4 JUNE 2020
FIELD BOOKS : N/A	REG. NO./FILE NO. : 4948/N1/N3/D

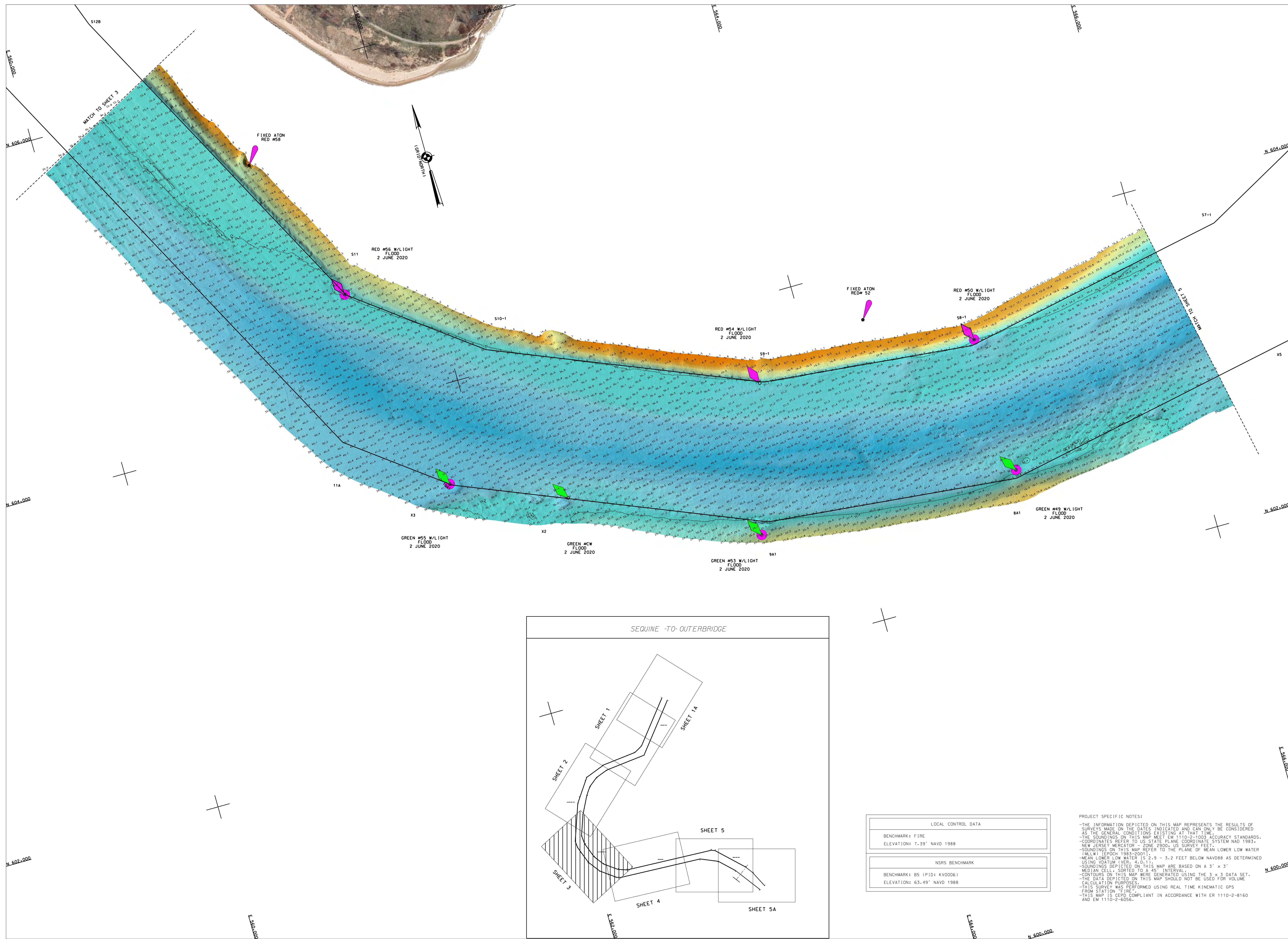
DEPARTMENT OF THE ARMY NEW YORK DISTRICT CORPS OF ENGINEERS NEW YORK, NEW YORK 10278	APPROVED: J. M. KEELEY TECH. CHIEFSMAN
	APPROVED: M. FORTI CIVIL ENGINEERING FUNCTION
OPERATIONS DIVISION SURVEY SECTION CENAN-CPS	APPROVED: P. BHADURI LOG CHIEFSMAN
	APPROVED: J. A. MEZ SQUAD CHIEF OF SQUAD
	DATE: 8 JUNE 2000

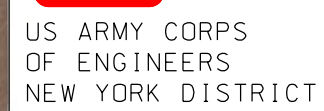
N. Y. & N. J. CHANNELS
OUTERBRIDGE TO SEGUINE POINT
STATUS SURVEY

VH-104

SHEET 4 OF 7

REQ. NO./FILE NO.: 4948/N1/N3/D



[illegible]

12-13, 22, 26, 28 MAY 2020

SCALE:

APPROVED: J. McKELVEY
FIELD CARTOONER

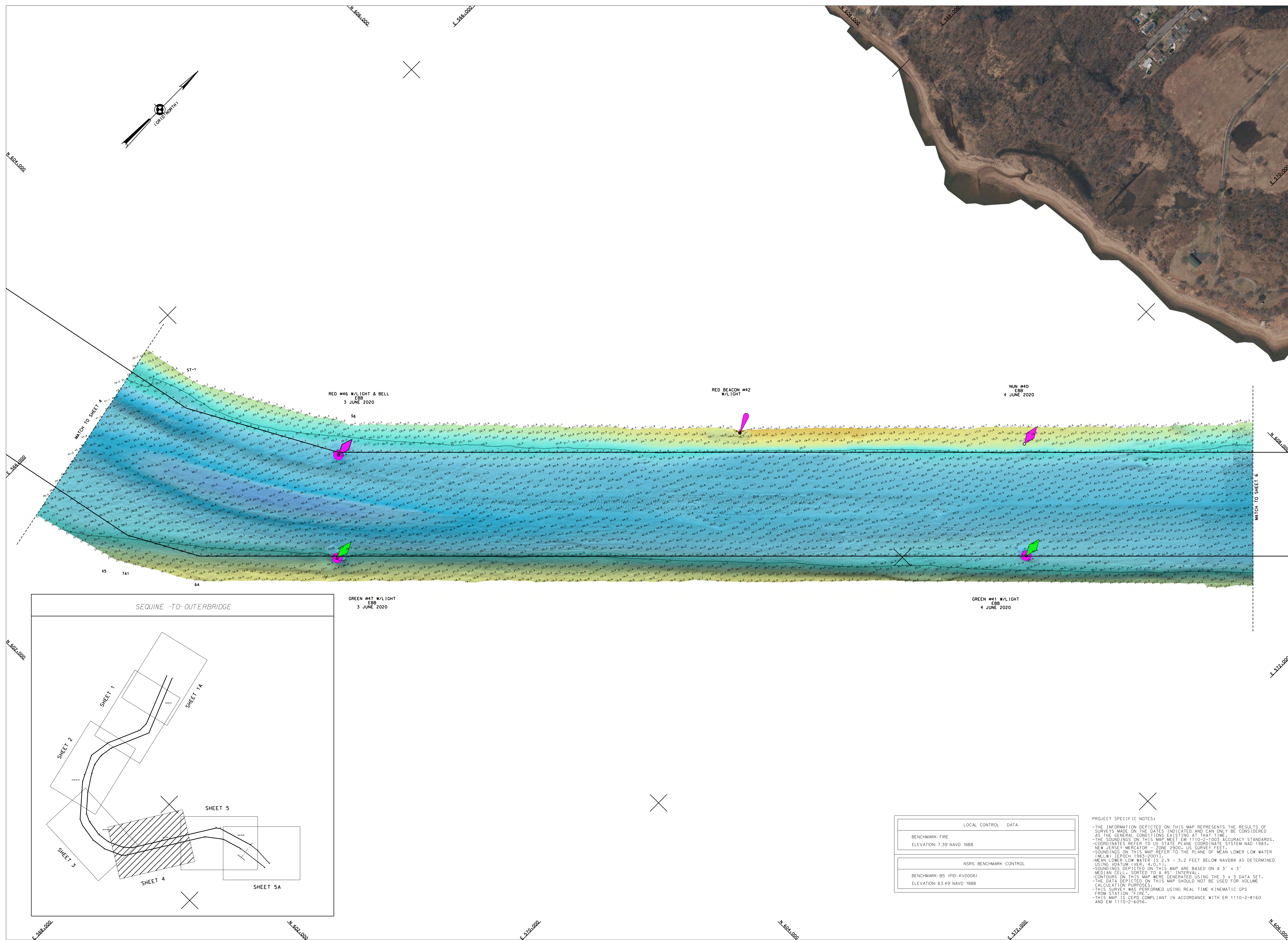
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS

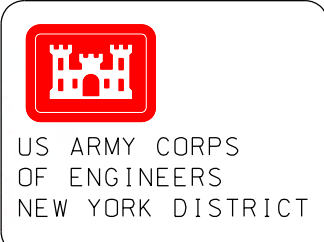
222 C. L. CHAMBERS

VH-105

SHEET 5 OF 7

REQ. NO./FILE NO.: 4948/N1/N3/C



[illegible]

DATES OF SURVEY:
 12-13, 22, 26, 28 MAY 2020
 1-4 JUNE 2020

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A

DEPARTMENT OF THE ARMY NEW YORK DISTRICT OFFICE OF CHIEF OF STAFF NEW YORK, NEW YORK 10278	APPROVED: <u>J. MCKELVEY</u> FILED: <u>CHIEF OF STAFF</u>
OPERATIONS DIVISION SURVEY SECTION CENAN-OPS	CIVIL ENGINEERING FUNCTION APPROVED: <u>M. FORTE</u> FILED: <u>CHIEF OF STAFF</u>
	APPROVED: <u>P. BHADUR</u> FILED: <u>CHIEF OF STAFF</u>
	DATE: <u>8 JUNE 2020</u>

N. Y. & N. J. CHANNELS
OUTERBRIDGE TO SEGINE POINT
STATUS SURVEY

VH-106

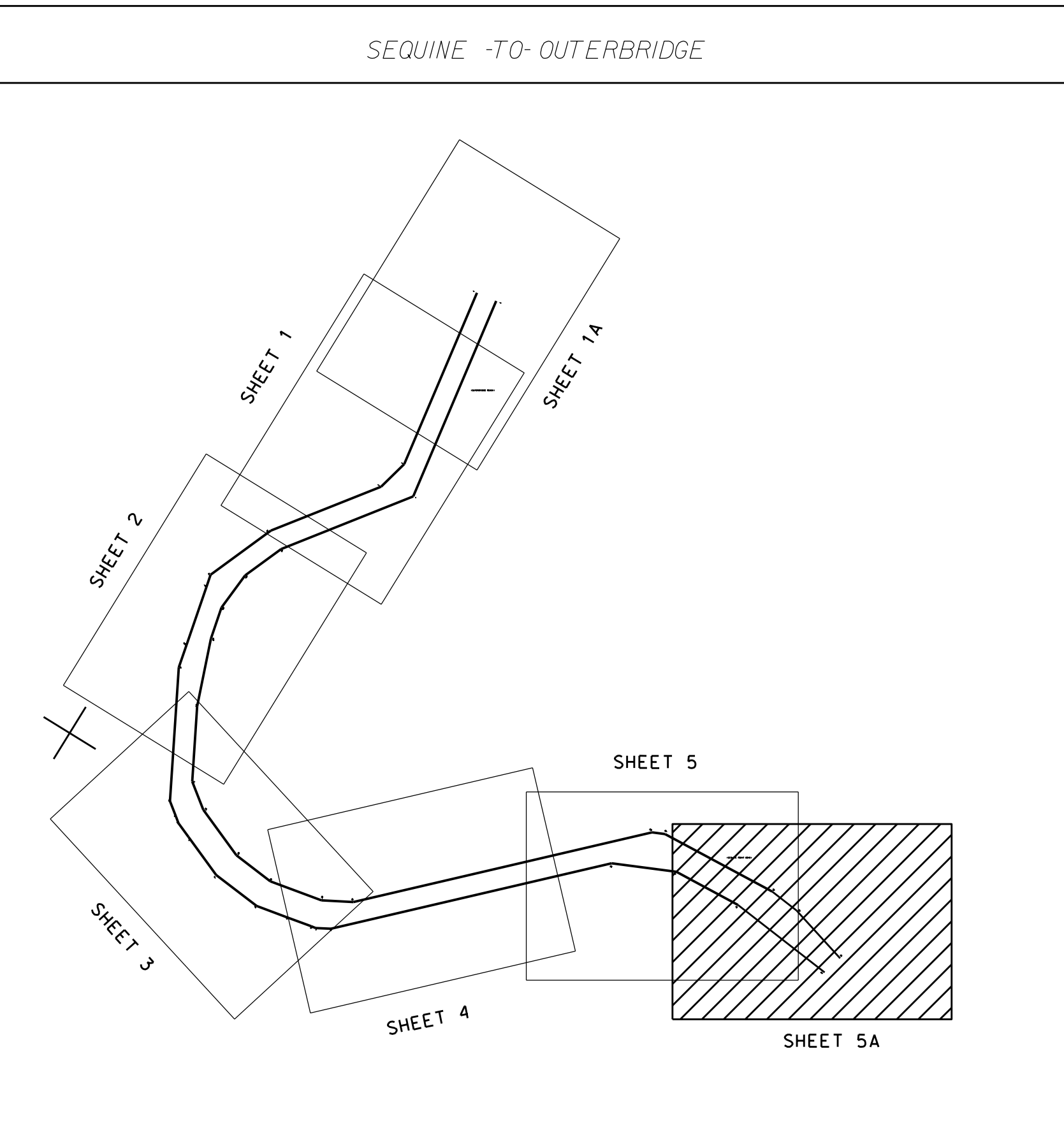
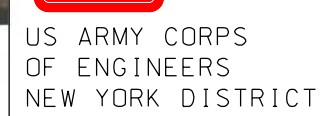
SHEET 6 OF 7

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 EN 1110-2:2003 ACCURACY STANDARDS.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 83.
- MEAN LOWER LOW WATER (MLLW) ZONE 2000, US SURVEY FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPCH 2083-2001].
- MEAN LOWER LOW WATER IS 2.9 - 3.2 FEET BELOW NAVD83 AS DETERMINED USING VERTICAL DATUM 4.0.
- 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.
- IF DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "TIRRE".
- THIS MAP IS CPD COMPLIANT IN ACCORDANCE WITH EN 1110-2:8160 AND EN 1110-2:6056.

LOCAL CONTROL DATA
BENCHMARK: FIRE
ELEVATION: 7.39' NAVD 1988

NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' NAVD 1988

[illegible]

DATES OF SURVEY: 12-13, 22, 26, 28 MAY 2020
 1-4 JUNE 2020

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A

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

APPROVED: J. MCKELVEY TEST COMMANDER
APPROVED: M. EDGIE CIVIL ENGINEERING SECTION
APPROVED: P. BHADUR TEST COMMANDER
APPROVED: J. MARZ SENIOR CHIEF OF STAFF
DATE: 6 JUNE 2020

N. Y. & N. J. CHANNELS
OUTERBRIDGE TO SEGUINE POINT
STATUS SURVEY

VH-107

SHEET 7 OF 7

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 83.
- THE JETA DEPTH INDICATED IS -ZONE 2000- 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 2.9 - 3.2 FEET BELOW NAVD83 AS DETERMINED USING DATUMATION VER. 4.0.
- 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 JETA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "FIRE".
- THIS MAP IS NOT COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6086.

LOCAL CONTROL DATA
BENCHMARK: FIRE ELEVATION: 7.39' NAVD 1988

NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006) ELEVATION: 63.49' NAVD 1988