CORPS OF ENGINEERS

U. S. ARMY

STATEN ISLAND, NEW YORK

N 606,000

N 604,000

N 602,000

E 564,000

E 562,000

E 560,000

E 558,000

MATCH TO SHEET "2"

MATCH TO SHEET "2"

RED-GREEN JUNCTION BUOY "R"
EBB
02 APRIL 2015

FIXED AID
"DAY MARK # 1"
LIGHTED

GREEN CAN #3
EBB
02 APRIL 2015

YELLOW CAN B
EBB
02 APRIL 2015

YELLOW CAN A
EBB
02 APRIL 2015

RARITAN RIVER CHANNEL

RARITAN BAY

RARITAN RIVER TO ARTHUR KILL
CUT-OFF-CHANNEL

SAYERVILLE, NEW JERSEY

4314-Metadata

LOCAL CONTROL DATA	
BENCHMARK:	AJD 10024
ELEVATION:	13.02' NAVD 1988

N. S. R. S.	
BENCHMARK:	B5 (KV0006)
ELEVATION:	63.49' 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 SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL AS SPECIFIED IN EM 1110-2-1003.
-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 2.8-2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.0).
-SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 45' INTERVAL USING THE 3'x3' MEDIAN DATA SET.
-CONTOURS ON THIS MAP WERE GENERATED USING THE 3'x3' MEDIAN DATA SET.
-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "BM FIRE".
-THIS MAP IS CEPD COMPLIANT.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PDC/MP
ESD/PR

DATES OF SURVEY:
2,3,6&7 APRIL 2015

FILE NO.: 1378
REQUEST NO.: 4314D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:

APPROVED: D. SMITH — FIELD SURVEILLANCE
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — FIELD SURVEILLANCE
APPROVED: J. MEAZ — CHIEF, FIELD SURVEILLANCE
DATE: 08 APRIL 2015

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OPS

NEW YORK & NEW JERSEY CHANNELS
PERTH AMBOY ANCHORAGE
CONDITION SURVEY

VH-101

SHEET 1 OF 2

FILE No: 1378
REQ. NO: 4314D

CORPS OF ENGINEERS

U. S. ARMY

N. 606,000

N. 604,000

N. 602,000

N. 600,000

E. 564,000

E. 566,000

E. 562,000

E. 568,000

N. 598,000

N. 600,000

STATEN ISLAND, NEW YORK

SAYERVILLE, NEW JERSEY

RARITAN BAY

GREEN & RED CAN #6
EBB
02 APRIL 2015

GREEN CAN #1
EBB
02 APRIL 2015

RED NUN #4
EBB
02 APRIL 2015

GREEN CAN #3
EBB
02 APRIL 2015

DAY MARKER
02 APRIL 2015

GREEN LIGHT #53
EBB
02 APRIL 2015

RED NUN #6
EBB
02 APRIL 2015

GREEN CAN #5
EBB
02 APRIL 2015

MATCH TO SHEET 1

MATCH TO SHEET 3

X2

R7

Y1

PA3

73

4314-Metadata

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ELEVATION:	13.02' NAVD 1988

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US ARMY CORPS
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APPROVED: M. FORTE
CHIEF, ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
CHIEF SURVEILLANCE

APPROVED: J. MRAZ
CHIEF, CHIEF OF SURVEY

DATE: 08 APRIL 2015

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OPS

NEW YORK & NEW JERSEY CHANNELS
PERTH AMBOY ANCHORAGE
CONDITION SURVEY

VH-102

SHEET 2 OF 2

FILE No: 1378
REQ. NO: 4314D