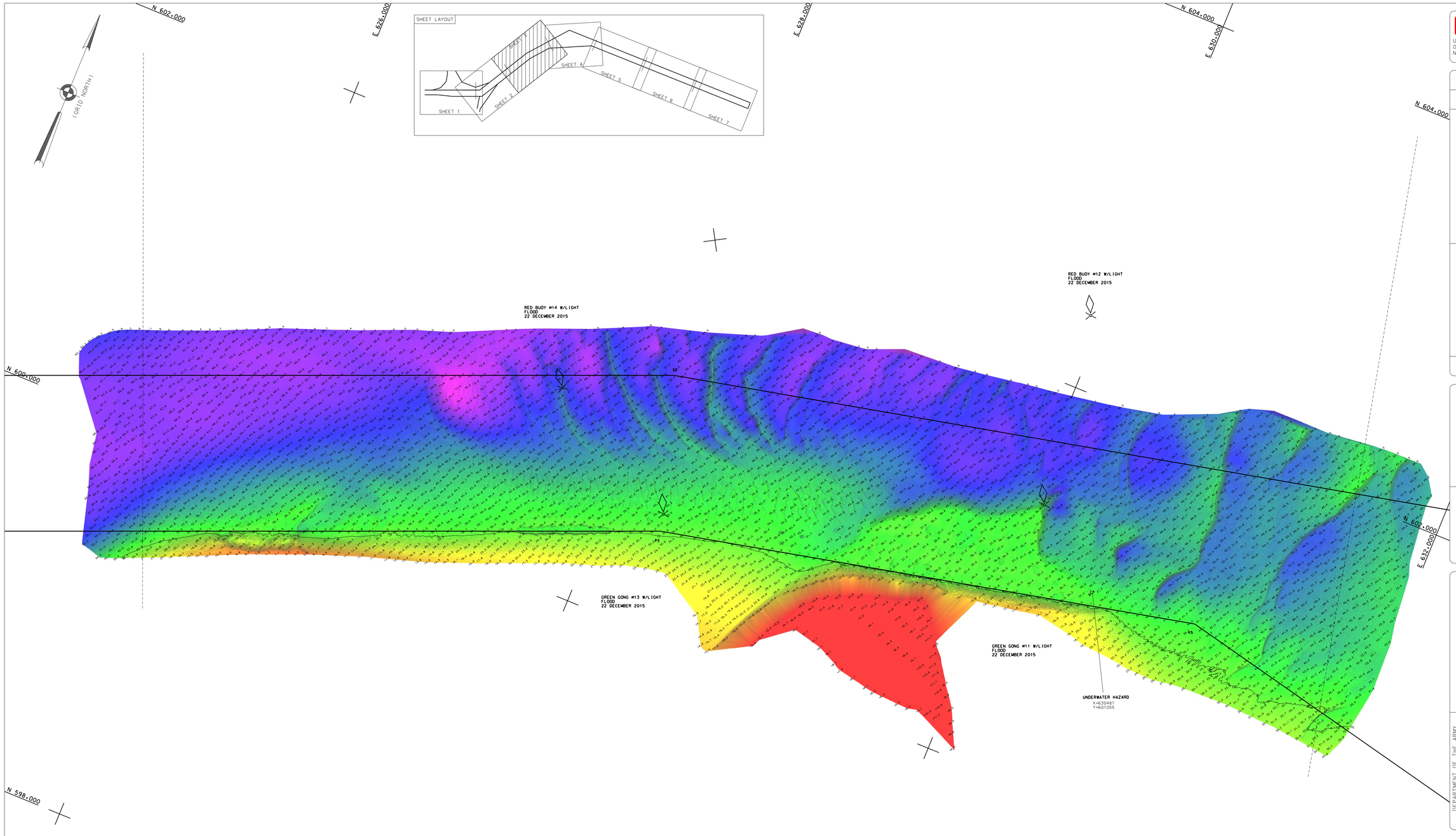

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PDC	PR	
PDC	MP	

DATES OF SURVEY:
17-22 DECEMBER 2015

FILE NO.: 178
REQUEST NO.: 4420/N3

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1065

APPROVED: M. APPELD
CHIEF CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
CHIEF CARTOGRAPHER

APPROVED: J. MRAZ
BRANCH CHIEF OF MARKETS

DATE: 23 DECEMBER 2015

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK HARBOR
SANDY HOOK CHANNEL
AFTER DREDGE SURVEY

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 HARD 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 2.7 - 2.8 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.0).
-SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3'x3' MEDIAN CELL. SORTED TO A 45' INTERVAL.
-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.
-AERIAL IMAGERY PROVIDED BY NJGIN ORTHOPHOTOGRAPHY (2014).
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "SIMPSON 2 RM 3".
-THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

LOCAL CONTROL DATA
BENCHMARK: SIMPSON 2 RM3 (KV0707) ELEVATION: 6.85' NAVD 1988

NSRS BENCHMARK
BENCHMARK: SIMPSON 2 (KV0709) ELEVATION: 6.92' NAVD 1988

4420-Metadata

VH-101
SHEET 1 OF 1
(FORMERLY
SHEET 3 OF 7)