



DATE OF SURVEY: 08/23/14-08/25/14, 08/27/14, 08/28/14, 08/29/14, 08/30/14, 09/01/14, 09/02/14, 09/03/14, 09/04/14, 09/05/14, 09/06/14, 09/07/14, 09/08/14, 09/09/14, 09/10/14, 09/11/14, 09/12/14, 09/13/14, 09/14/14, 09/15/14, 09/16/14, 09/17/14, 09/18/14, 09/19/14, 09/20/14, 09/21/14, 09/22/14, 09/23/14, 09/24/14, 09/25/14, 09/26/14, 09/27/14, 09/28/14, 09/29/14, 09/30/14, 10/01/14, 10/02/14, 10/03/14, 10/04/14, 10/05/14, 10/06/14, 10/07/14, 10/08/14, 10/09/14, 10/10/14, 10/11/14, 10/12/14, 10/13/14, 10/14/14, 10/15/14, 10/16/14, 10/17/14, 10/18/14, 10/19/14, 10/20/14, 10/21/14, 10/22/14, 10/23/14, 10/24/14, 10/25/14, 10/26/14, 10/27/14, 10/28/14, 10/29/14, 10/30/14, 10/31/14, 11/01/14, 11/02/14, 11/03/14, 11/04/14, 11/05/14, 11/06/14, 11/07/14, 11/08/14, 11/09/14, 11/10/14, 11/11/14, 11/12/14, 11/13/14, 11/14/14, 11/15/14, 11/16/14, 11/17/14, 11/18/14, 11/19/14, 11/20/14, 11/21/14, 11/22/14, 11/23/14, 11/24/14, 11/25/14, 11/26/14, 11/27/14, 11/28/14, 11/29/14, 11/30/14, 12/01/14, 12/02/14, 12/03/14, 12/04/14, 12/05/14, 12/06/14, 12/07/14, 12/08/14, 12/09/14, 12/10/14, 12/11/14, 12/12/14, 12/13/14, 12/14/14, 12/15/14, 12/16/14, 12/17/14, 12/18/14, 12/19/14, 12/20/14, 12/21/14, 12/22/14, 12/23/14, 12/24/14, 12/25/14, 12/26/14, 12/27/14, 12/28/14, 12/29/14, 12/30/14, 12/31/14
FILE NO.: 46
REQUEST NO.: 4177NCR

SCALE: ONE INCH = 200 FEET
FIELD BOOKS: 1003

APPROVED: J. ABRAHAMSEN, N. ARPEL, M. FORTE DATE: 8/28/2014
APPROVED: M. FORTE DATE: 8/28/2014
APPROVED: B. CLARKE DATE: 8/28/2014
APPROVED: J. BRAZ DATE: 8/28/2014

DEPARTMENT OF THE ARMY NEW YORK DISTRICT NEW YORK, NEW YORK 10278
OPERATIONS DIVISION SURVEY SECTION CORPS OF ENGINEERS

NEW YORK HARBOR CHANNEL ALONG NJ PIERHEAD LINE CONDITION SURVEY
---

VH-101 SHEET 1 OF 4
------------------------

LOCAL CONTROL DATA
BENCHMARK: S. SIMON ELEVATION: 7.30' (NAVD 1988)
NSRS BENCHMARK
BENCHMARK: P 38 (PID:KVD533) ELEVATION: 21.93' (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 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 2.8 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.01).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 40' INTERVAL.
- CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY NEW JERSEY GIN (2012).
- THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "RTK SIMON".
- THIS MAP IS CEED COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.





