U. S. ARMY

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

OCEAN SURVEYS, INC.
129 MILL ROCK ROAD EAST
OLD SAYBROOK, CONNECTICUT
(860) 388-4821

DATES OF SURVEY: 17-18 APRIL 2015

FILE NO.: 8
REQUEST NO.: 4306

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:

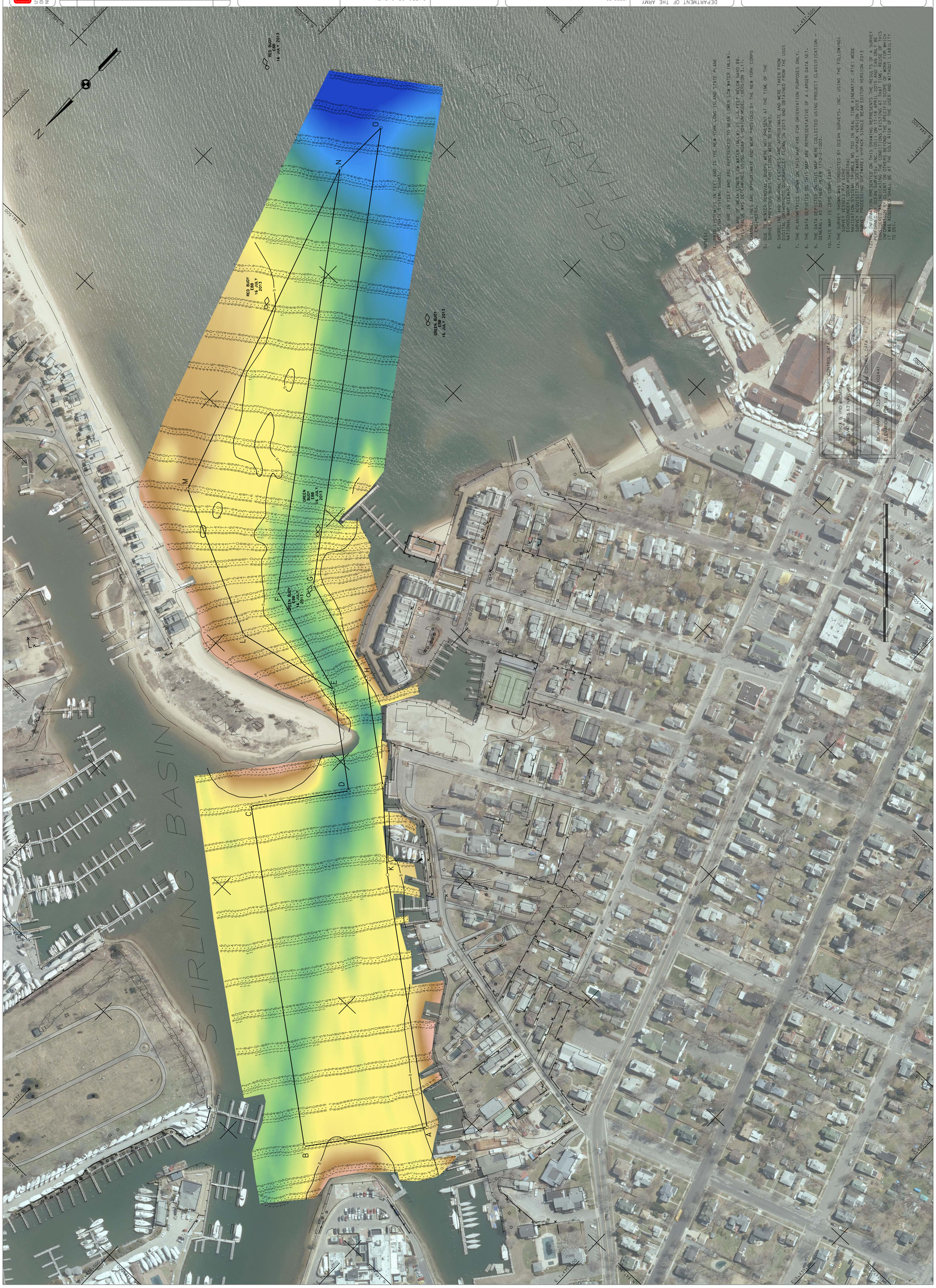
APPROVED: FIELD CARTOGRAPHER
APPROVED: R. SMITH PROJECT MANAGER
APPROVED: D. CLARKE LEAD CARTOGRAPHER
APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEY
DATE: 20 MAY 2015

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

GREENPORT HARBOR
NEW YORK
CONDITION SURVEY

VH-101
SHEET 1 OF 1



NOTES:

1. GRID SYSTEM IS IN FEET AND IS THE NEW YORK LONG ISLAND STATE PLANE COORDINATE SYSTEM, NAD83.
2. DEPTHS ARE IN FEET AND ARE REFERENCED TO MEAN LOWER LOW WATER (MLLW).
3. THE PLANE OF MEAN LOWER LOW WATER (MLLW) IS 1.6 FEET BELOW NAVD 88. THIS VALUE WAS DETERMINED USING NOAA'S VDATUM MODEL (VERSION 3.1).
4. CHANNEL LINES ARE APPROXIMATE AND WERE PROVIDED BY THE NEW YORK CORPS OF ENGINEERS.
5. DUE TO WINTER REMOVAL, BUOYS WERE NOT PRESENT AT THE TIME OF THE SURVEY. PREVIOUS BUOY POSITIONS WERE REFERENCED.
6. SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2013 AND OBTAINED FROM THE USGS NATIONAL MAP VIEWER.
7. THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
8. THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET.
9. THE DATA DEPICTED ON THIS MAP WERE COLLECTED USING PROJECT CLASSIFICATION - GENERAL, AS DEFINED IN EM 1110-2-1003.
10. THIS MAP IS CEPD COMPLIANT.
11. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING:
    SURVEY VESSEL: R/V ECHO
    ECHOSOUNDER: CDDM HYDROTRAC
    NAVIGATION SYSTEM: TRIMBLE MS 750 IN REAL TIME KINEMATIC (RTK) MODE
    SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2013
    SURVEY PROCESSING SOFTWARE: HYPACK SINGLE BEAM EDITOR VERSION 2013
12. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 17-18 APRIL 2015 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY TO OSI.

NGRS CONTROL DATA
697.1907 B (PID: BBCM08)
ELEVATION: 6.63' NAVD 88

OCAL CONTROL DATA
BENCHMARK: 325 (PID: LX0244)
ELEVATION: 12.2' NAVD 88

CORPS OF ENGINEERS