



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
National Ocean Service  
Silver Spring, Maryland 20910

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** November 1, 2016

**HYDROGRAPHIC BRANCH:** Pacific  
**HYDROGRAPHIC PROJECT:** OPR-B396-NRT5BH2-2016  
**HYDROGRAPHIC SHEET:** H12873

**LOCALITY:** Kingston to Catskill, Hudson River, NY  
**TIME PERIOD:** July 21 - August 31, 2016

**TIDE STATION USED:** 851-8750 The Battery, NY  
Lat. 40° 42.0'N Long. 74° 0.8' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.443 meters

**REMARKS: RECOMMENDED GRID**

Please use the TCARI grid "B396NRT5BH22016\_Final.tc" as the final grid for project OPR-B396-NRT5BH2-2016, H12873, during the time period between July 21 and August 31, 2016.

**Refer to attachments for grid information.**

- Note 1:** Provided time series data are tabulated in metric units (meters), relative to MLLW and on Greenwich Mean Time on the 1983-2001 National Tidal Datum Epoch (NTDE).
- Note 2:** Due to inaccurate shoreline around Hudson River, survey track lines fall outside of the TCARI grid boundaries in some areas. TCARI will extrapolate the tide corrector to cover these soundings.
- Note 3:** The Chart Datum for the survey area between Kingston and Federal Lock in Troy is Hudson River Datum (HRD). The HRD is defined as 2.55ft (0.78m) below NAVD88 between Kingston and south of Albany downtown and 3.80ft (1.16m) below NAVD88 between South of Albany downtown and Federal Lock in Troy.

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CHIEF, PRODUCTS AND SERVICES BRANCH

