W00500

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Ocean Service

DESCRIPTIVE REPORT

Type of Survey:	Navigable Area
Registry Number:	W00500

LOCALITY

State(s):	New Hampshire
General Locality:	Portsmouth Harbor
Sub-locality:	Jaffrey Point to Seward Rocks

2001

CHIEF OF PARTY
Unknown

LIBRARY & ARCHIVES

Date:

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

REGISTRY NUMBER:

HYDROGRAPHIC TITLE SHEET

W00500

INSTRUCTIONS: The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

State(s):	**New Hampshire**
General Locality:	**Portsmouth Harbor**
Sub-Locality:	**Jaffrey Point to Seward Rocks**
Scale:	**10000**
Dates of Survey:	**03/01/2001 to 03/14/2001**
Instructions Dated:	**N/A**
Project Number:	**ESD-PHB-20**
Field Unit:	**UNH R/V Coastal Surveyor**
Chief of Party:	**Unknown**
Soundings by:	**Teledyne RESON SeaBat 8101 (MBES)**
Imagery by:	**N/A**
Verification by:	**Pacific Hydrographic Branch**
Soundings Acquired in:	**meters at Mean Lower Low Water**

Remarks:

Any revisions to the Descriptive Report (DR) applied during office processing are shown in red italic text. The DR is maintained as a field unit product, therefore all information and recommendations within this report are considered preliminary unless otherwise noted. The final disposition of survey data is represented in the NOAA nautical chart products. All pertinent records for this survey are archived at the National Centers for Environmental Information (NCEI) and can be retrieved via https://www.ncei.noaa.gov/. Products created during office processing were generated in NAD83 UTM 19N, MLLW. All references to other horizontal or vertical datums in this report are applicable to the processed hydrographic data provided by the field unit.

DESCRIPTIVE REPORT MEMO

April 08, 2020

MEMORANDUM FOR: Pacific Hydrographic Branch

THROUGH: Adam Argento
Physical Scientist, Pacific Hydrographic Branch

FROM: Paul Johnson
Data Manager, UNH Center for Coastal and Ocean Mapping (CCOM)

SUBJECT: Submission of Survey W00500

The W00500 data was part of a large-scale collective effort by conference members to develop a training, demonstration, and development

There were no products created for this survey.

The vertical datum for this project is Mean Lower Low Water. The horizontal datum for this project is North American Datum of 1983 (NAD 83). The projection used for this project is Universal Transverse Mercator (UTM) Zone 19.

There is no metadata indicating how vertical and horizontal control were achieved though the conference presentation indicates a POS M/V and GPS were used and we believe this adequately provides a horizontal accuracy of 5m + 5% water depth.

No DAPR was submitted with this data

All data were reviewed for DTONs and none were identified in this survey.

Western Gulf of Maine Bathymetry Sources acquired the data outlined in this report.
Data are available at https://maps.ccom.unh.edu/portal/apps/webappviewer/index.html?id=be8b9f48f19b485b8fc75d584a05bfaf#

The data set included several areas where anomalous data skewed the grid either upward or downward. These areas were so out of alignment, they were selectively removed from the dataset for all future uses. Other than this, the data was highly coherent, and in good alignment with charted feature positions and depths.

This survey does meet charting specifications and is adequate to supersede prior data.

APPROVAL PAGE

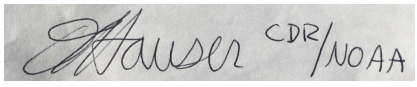
W00500

Data meet or exceed current specifications as certified by the OCS survey acceptance review process. Descriptive Report and survey data except where noted are adequate to supersede prior surveys and nautical charts in the common area.

The following products will be sent to NCEI for archive

- Descriptive Report
- Collection of Bathymetric Attributed Grids (BAGs)
- GeoPDF of survey products

The survey evaluation and verification has been conducted according current OCS Specifications, and the survey has been approved for dissemination and usage of updating NOAA's suite of nautical charts.



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Approved:_____

Commander Olivia Hauser, NOAA
Chief, Pacific Hydrographic Branch