

W00484

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

**DESCRIPTIVE REPORT**

Type of Survey: Navigable Area

Registry Number: W00484

**LOCALITY**

State(s): Massachusetts

General Locality: Massachusetts Coastline

Sub-locality: Cape Ann to Salisbury

**2005**

CHIEF OF PARTY  
Unknown

**LIBRARY & ARCHIVES**

Date:

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		REGISTRY NUMBER:
<b>HYDROGRAPHIC TITLE SHEET</b>		<b>W00484</b>
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):	<b>Massachusetts</b>	
General Locality:	<b>Massachusetts Coastline</b>	
Sub-Locality:	<b>Cape Ann to Salisbury</b>	
Scale:	<b>N/A</b>	
Dates of Survey:	<b>09/08/2005 to 09/20/2005</b>	
Instructions Dated:	<b>N/A</b>	
Project Number:	<b>ESD-PHB-19</b>	
Field Unit:	<b>USGS</b>	
Chief of Party:	<b>Unknown</b>	
Soundings by:	<b>SEA SwathPlus-M (Interferometric)</b>	
Imagery by:	<b>Klein Marine Systems System 3000 (SSS)</b>	
Verification by:	<b>Pacific Hydrographic Branch</b>	
Soundings Acquired in:	<b>meters at Mean Lower Low Water</b>	
Remarks: <i>The purpose of this survey is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. All separates are filed with the hydrographic data. Any revisions to the Descriptive Report (DR) generated during office processing are shown in bold red italic text. The processing branch maintains the DR as a field unit product, therefore, all information and recommendations within the body of the DR are considered preliminary unless otherwise noted. The final disposition of surveyed features is represented in the OCS nautical chart update products. All pertinent records for this survey, including the DR, are archived at the National Centers for Environmental Information (NCEI) and can be retrieved via <a href="http://www.ncei.noaa.gov/">http://www.ncei.noaa.gov/</a>.</i>		

## DESCRIPTIVE REPORT MEMO

December 03, 2019

**MEMORANDUM FOR:** Pacific Hydrographic Branch

**FROM:** Report prepared by PHB on behalf of field unit  
Toshi Wozumi  
Physical Scientist, Pacific Hydrographic Branch

**SUBJECT:** Submission of Survey W00484

This survey was conducted for seafloor mapping purposes.

There were no products created for this survey.

All soundings were reduced to Mean Lower Low Water using Constant Separation. 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.

This report does not include vertical control information.

All survey systems and methods utilized during this survey were as described in the original field report at the URL below.

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

U.S. Geological Survey acquired the data outlined in this report. All survey systems and methods for this survey are described in the document *High-Resolution Geologic Mapping of the Inner Continental Shelf: Cape Ann to Salisbury Beach, Massachusetts*. Data are available at <https://pubs.usgs.gov/of/2007/1373/>

The survey is partially adequate to supersede previous data. This survey will be used to update NOAA navigational products where possible.

## APPROVAL PAGE

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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)
- Collection of backscatter mosaics
- 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.

Approved: \_\_\_\_\_

**Commander Olivia Hauser, NOAA**  
Chief, Pacific Hydrographic Branch