

W00426

NOAA Form 76-35A

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

**DESCRIPTIVE REPORT**

Type of Survey: Basic Hydrographic Survey

Registry Number: W00426

**LOCALITY**

State: Washington

General Locality: Puget Sound

Sub-locality: Vicinity of Possession Point

**2015**

CHIEF OF PARTY  
Unknown

LIBRARY & ARCHIVES

Date:

**HYDROGRAPHIC TITLE SHEET**

**W00426**

**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: **Washington**

General Locality: **Puget Sound**

Sub-Locality: **Vicinity of Possession Point**

Scale: **10000**

Dates of Survey: **11/13/2015 to 11/15/2015**

Instructions Dated: **N/A**

Project Number: **OSD-PHB-17**

Field Unit: **University of Washington**

Chief of Party: **Unknown**

Soundings by: **Kongsberg 320M MBES**

Imagery by: **N/A**

Verification by: **Pacific Hydrographic Branch**

Soundings Acquired in: **meters at Mean Lower Low Water**

**Remarks:**

*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 <http://www.ncei.noaa.gov/>*

## DESCRIPTIVE REPORT MEMO

May 08, 2019

**MEMORANDUM FOR:** Pacific Hydrographic Branch

**FROM:** Katie Reser  
Physical Scientist, Pacific Hydrographic Branch

**SUBJECT:** Submission of Survey W00426

This survey was conducted for seafloor mapping purposes.

Bathymetric Attributed Grids (BAG) were created at the Pacific Hydrographic Branch.

Single station verified water levels were applied at the Pacific Hydrographic Branch.

This report does not include data acquisition and processing information.

There were no DTONs created for this survey.

The University of Washington acquired the data outlined in this report.

The Pacific Hydrographic Branch recommends charting one (1) submerged obstruction that was found during office review.

The survey is partially adequate to supersede previous data.

<b>Metadata for Survey W00426</b>	
Project	OSD-PHB-17
Survey	W00426
State	Washington
Locality	Puget Sound
Sub-Locality	Vicinity of Possession Point
Scale of Survey	1:10000
Sonars Used	Kongsberg Maritime 320M (Multibeam Echo Sounder)
Horizontal Datum	NAD83
Vertical Datum	Mean Lower Low Water
Vertical Datum Correction	Discrete Zoning
Projection	Projected UTM 10
Field Unit	University of Washington
Survey Dates	11/13/2015 - 11/15/2015
Chief of Party	Unknown
Submission Date	05/03/2019



## External Source Data (UofW) from NW Nav Manager

2 messages

**Kurt Mueller - NOAA Federal** <kurt.mueller@noaa.gov>

Tue

To: Grant Froelich <grant.froelich@noaa.gov>, Peter Holmberg <peter.holmberg@noaa.gov>  
Cc: Brooke McMahon <Brooke.Maser@noaa.gov>, Crescent Moegling <crescent.moegling@noaa.gov>

Hi Grant & Pete,

Crescent has two datasets from the UofW acquired on the Tommy Thompson -- one is located in Admiralty Inlet and the other in the Strait of Juan de Fuca at the mouth of the Elwha River. T planned and acquired over an area with no SURDEX coverage, and I'd expect the mouth of the Elwha is highly changeable due to the removal of the dams. These datasets were patch-tested CARIS.

If there are no objections I'd like to request these get copied over onto our OSD network, with the understanding that the ingest point and prioritization for ESD datasets such as these will like with the new team under HSD -- please see below for related correspondence.

-Kurt

**Subject: Re: External Source Data**

**From: Adam Reed - NOAA Federal** <adam.reed@noaa.gov>

Date: Mon, Oct 23, 2017 at 7:49 AM

To: Crescent Moegling - NOAA Federal <crescent.moegling@noaa.gov>

Cc: Ashley Chappell <ashley.chappell@noaa.gov>, Kurt Mueller - NOAA Federal <kurt.mueller@noaa.gov>, ESD Team - NOAA Service Account <esdteam@noaa.gov>

Hi Crescent,

Thank you for sharing some new datasets! My apologies for the delay in my response. As it happens, we had a workshop last week to discuss External Source Data. I wanted to respond to finished up a few decisions that were on the agenda, which would effect my answer.

By now, I assume Kurt has already discussed the answers with you. It would be best if you could just share these ESD projects with him, and he can ingest them into the Coast Survey pipeline information please also share that with Kurt, as it will affect the priority the branch assigns to the surveys. Kurt also demo'd the Metadata Wizard for us and HSD. I think this could be develop a metadata package to NCEI for any ESD surveys we archive.

On a final note of news, going forward HSD will be taking responsibility of the ESD pipeline in its entirety. This means I will be stepping down as the ESD point of contact, and a soon to be es within HSD OPS will handle external source data submissions. You may also note that I am CC'ing the email address [ESDteam@noaa.gov](mailto:ESDteam@noaa.gov), which we established to better communicate to data requests or submissions. Please send any future correspondence to that email address, which should allow some continuity as the ESD team gets up and running. Kurt Mueller and Jar access to this email address.

Thank you,  
Adam

**Kurt Mueller - NOAA Federal** <kurt.mueller@noaa.gov>

to Crescent, ESD, Adam

Hi Crescent,

Will you be in the office at some point this week? I know we had discussed the UW data a few weeks ago. We can work with Brooke and Grant to get these copied over to our network. As Ada ingestion point for these data may change in the future with the advent of the new ESD team under HSD, but in the meantime it should be okay for PHB to handle directly.

Thanks for reaching out,

Kurt

--  
Kurt Mueller  
Physical Scientist  
National Oceanic and Atmospheric Administration  
Pacific Hydrographic Branch  
7600 Sand Point Way NE  
Seattle WA 98115  
206-526-6853

**Peter Holmberg - NOAA Federal** <peter.holmberg@noaa.gov>

Tue, Oct 24, 2017 at 11:33 AM

To: Kurt Mueller - NOAA Federal <kurt.mueller@noaa.gov>  
Cc: Grant Froelich <grant.froelich@noaa.gov>, Brooke McMahon <Brooke.Maser@noaa.gov>, Crescent Moegling <crescent.moegling@noaa.gov>

Hi Kurt,

Grant and I talked about, please get registry numbers for them and bring em on over! Hopefully by the time they are registered the dust will have settled on the EDR (external data review) process. EDR isn't a real acronym yet, but maybe it will become one :D

Crescent, thank you for bringing this to our attention.

Pete

[Quoted text hidden]

--  
Peter Holmberg  
Acting Chief  
Pacific Hydrographic Branch  
7600 Sand Point Way N.E.  
Seattle, WA 98115  
206-526-6843

APPROVAL PAGE

W00426

Data meet or exceed current specifications as certified by the OCS survey acceptance review process. The bathymetry should not be applied to NOAA charting products. A feature will be forwarded for chart application that identifies the depth and location of a new obstruction object. This survey is recommended for inclusion in the National Bathymetric Source.

The following products will be sent to NCEI for archive

- Descriptive Report
- Collection of depth varied resolution BAGS
- Processed survey data and records
- GeoPDF of survey products

The survey evaluation and verification has been conducted according current OCS Specifications.

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

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