



WASHINGTON STATE DEPARTMENT OF  
**Natural Resources**  
Peter Goldmark - Commissioner of Public Lands

## Application for Use of State-owned Aquatic Lands

**Applicant Name:** Olympic Coast National Marine Sanctuary  
**County:** Clallam, Jefferson, Grays Harbor Counties  
**Water Body:** Pacific Ocean  
**Type of Authorization - Use:** ROE – scientific monitoring  
**Authorization Number:** 23-A77450  
**Term:** 5 years

**Description:** This agreement will allow the continued use of State-owned aquatic lands for the sole purpose of maintaining 7 hydrographic buoys to characterize seasonal water quality, currents and upwelling. They are located in the Pacific Ocean, in Clallam, Jefferson, and Grays Harbor Counties, Washington.

Date of Public Notice: 4/11/11



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## APPLICATION FOR AUTHORIZATION TO USE STATE-OWNED AQUATIC LANDS

**No work can be started on the project area until a use authorization has been granted by the state Department of Natural Resources**

### I. SUBMISSION OF APPLICATION

This application form will be reviewed by the state Department of Natural Resources upon receipt at the address given below, and also posted on the DNR website as public information. Applicants will be notified in writing if the application will be accepted for further review. However, this application may be rejected at any time before signed execution of a use authorization.

**APPLICATION MUST BE FILLED OUT IN BLUE OR BLACK PEN**

Please send the completed application form to your region land manager at:

Washington State Department of Natural Resources  
 Olympic Region  
 411 Tillicum Ln  
 Forks, WA 98331-9797  
 360-374-2800

Enclose a \$25.00 non-refundable application processing fee with the application. (This fee is not required for local, state, and other government agencies).

### II. APPLICANT INFORMATION

Date of Application: 2011-03-14

Authorization to be Issued To (how name is to appear in the lease document): Olympic Coast National Marine Sanctuary

Applicant's Representative: Ed Bowlby

Relationship to Applicant:

Address: 115 E. Railroad Ave. Ste 301	City: Port Angeles	State: WA	Zip Code: 98362
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Telephone: 360 457-6622 x17	Fax: 360 457-8496	E-Mail: ed.bowlby@noaa.gov
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**FOR OFFICIAL USE ONLY**

Land Manager: New Application

Land Manager Type: (20, 21, 22, 23, 31, 51)

Land Records: New Application Number \_\_\_\_\_

Support staff: Application Fee Received  *NAW/ES*

Renewal Application

Trust \_\_\_\_\_

JARPA Received Date: \_\_\_\_\_

Land Manager Initials: *BMLR* 3/24/11

Nature Use Code \_\_\_\_\_

County \_\_\_\_\_

AQR Plate No. \_\_\_\_\_

**II. APPLICANT INFORMATION cont'**

Department of Revenue Tax \*Registration Number (Unified Business Identifier) is Required: N/A - Federal Government Agency

Which of the following applies to Applicant (Check One and Attach written authority to sign - bylaws, power of attorney, etc):

Corporation   
State of Registration:

Limited Partnership   
State of Registration:

General Partnership   
State of Registration:

Sole Proprietorship

Marital Community Spouse:

Government Agency

Other  (Please Explain:)

Has the site use been authorized before or is it currently under lease? Yes  Lease Number: RoE 23-077450  
No  Don't Know

**III. LOCATION**

The Body of Water on which the state property is located:  
Pacific Ocean off the outer coast of Washington state (see attached map)

County in which the state property is located: Clallam, Jefferson, Grays Harbor

Government Lot:

Section:

Township:

Range:

E  or W

**Note:** A legal property survey including the legal description and other information about the property is **required** to obtain a use authorization. WA DNR survey requirements are attached to this form. The survey plat will be attached to the lease/easement as Exhibit A. **DO NOT HAVE THIS SURVEY CONDUCTED UNTIL YOU HAVE BEEN NOTIFIED IN WRITING THAT THE APPLICATION HAS BEEN ACCEPTED FOR PROCESSING.**

Physical description of Project Area (For example, Marsh, Tideflat adjacent to the Chehalis River, etc.): Open ocean, depths ranging from 10m to 50m, within Olympic Coast National Marine Sanctuary (latitude 47° 07.75' N north to the Canadian border)

Name of Owner(s) of Uplands, Shorelands, and/or Tidelands shoreward and adjacent to the Property: N/A

Address:

City:

State:

Zip Code:

Phone Number:

Fax Number

E-mail:

**Note:** Except for property located within established Harbor Areas, proof of ownership, or authorization to use the adjacent tideland, shoreland, or upland property may be required. If the applicant is the owner of the adjacent land, attach a copy of the deed.

County Parcel No(s). for adjacent properties, upland, and/or adjacent tideland properties:

**IV. USE OF PROPERTY**

Describe, in detail, the proposed use of the Property:  
See attachment.

Is or will the Property be subleased to another party? Yes  No   
If yes, submit a copy of the sublease agreement.

What are the current and past uses of the site?

Do you have any knowledge of contamination of the site by toxic or hazardous substances, or of past uses or practices that might have lead to contamination by such substances? Yes  No   
If so, please explain:

Do you know if any fill material has been placed on the property in question? Yes  No   
If yes, please explain:

**V. IMPROVEMENTS**

Physical improvements are structures placed on the land that cannot be removed without damage to the land. Examples of such structures include: pilings, dolphins, piers, wharves, piling-supported buildings, structures built on fill or concrete foundations, buried pipelines and cables, and support structures for bridges.

What physical improvements currently exist on the site? (Photos may be required.) none

If there are physical improvements currently on the site, who owns them?

If there are physical improvements currently on the site, describe their condition:

Which, if any, of the existing physical improvements will be removed, remodeled, or reconstructed?

Describe any physical improvements that the applicant is proposing to construct on the site: none

Has any fill material been placed on the site? Yes  No   
If Yes, please describe:

**VI. LOCAL, STATE, AND FEDERAL REGULATORY PERMITS** Copies of all Government Regulatory Permits, or Permit Waivers Are Required Before Issuance of a DNR Use Authorization. Your project may require all or some of the following.

Please include the following permit applications, permits, or waivers with the application:

**JARPA (Joint Aquatic Resource Permit Application)** - This one form is used to apply for all of the following individual permits:

1. **Section 10 Permit** (Required by the US Army Corps of Engineers for any work in or affecting navigable waters, e.g., floats, docks, piers, dredging, pilings, bridges, overhead power lines.)
2. **Shoreline Substantial Development, Conditional Use, Variance Permit or Exemption** (Issued by Local Government, and is required for work or activity in the 100 year flood plain, or within 200 feet of the Ordinary High Water mark of certain waters; and which included any one of the following: dumping, drilling, dredging, filling, placement or alteration of structures or any activity which substantially interferes with normal public use of the waters.)
3. **Hydraulic Project Approval** (Required by the Department of Fish and Wildlife if the project includes work that will use, divert, obstruct, or change the natural flow or bed of any fresh or salt water of the state.)
4. **Section 404 Permit** (Required by the US Army Corps of Engineers if your project will discharge or excavate any dredged or fill material waterward of the Ordinary High Water mark or the Mean Higher High Tide Line in tidal areas.)
5. **Section 401 Water Quality Certification** (Required by the Department of Ecology if a Section 404 permit is required.)

**NPDES (National Pollutant Discharge Elimination System Permit)** - Required by the Department of Ecology under delegated authority from the Federal Environmental Protection Agency for projects that include the discharge of fluid on or into surface water.

**SEPA (State Environmental Policy Act) Checklist and Environmental Assessments** - When you submit a permit application to any agency, if the project is not exempt, the lead agency will ask you to fill out an environmental checklist. Based on checklist answers and the reviewers knowledge of the project site, agency personnel will determine the types of impacts the project may have on the environment. The agency assessments may be the following forms: Determination of Non-significance, Determination of Significance, scoping documents, draft or final Environmental Impact Statements (EIS) or others prepared for the purpose of compliance.

Describe any habitat mitigation required by any of the permitting agencies identified above and identify where such mitigation is proposed to occur:

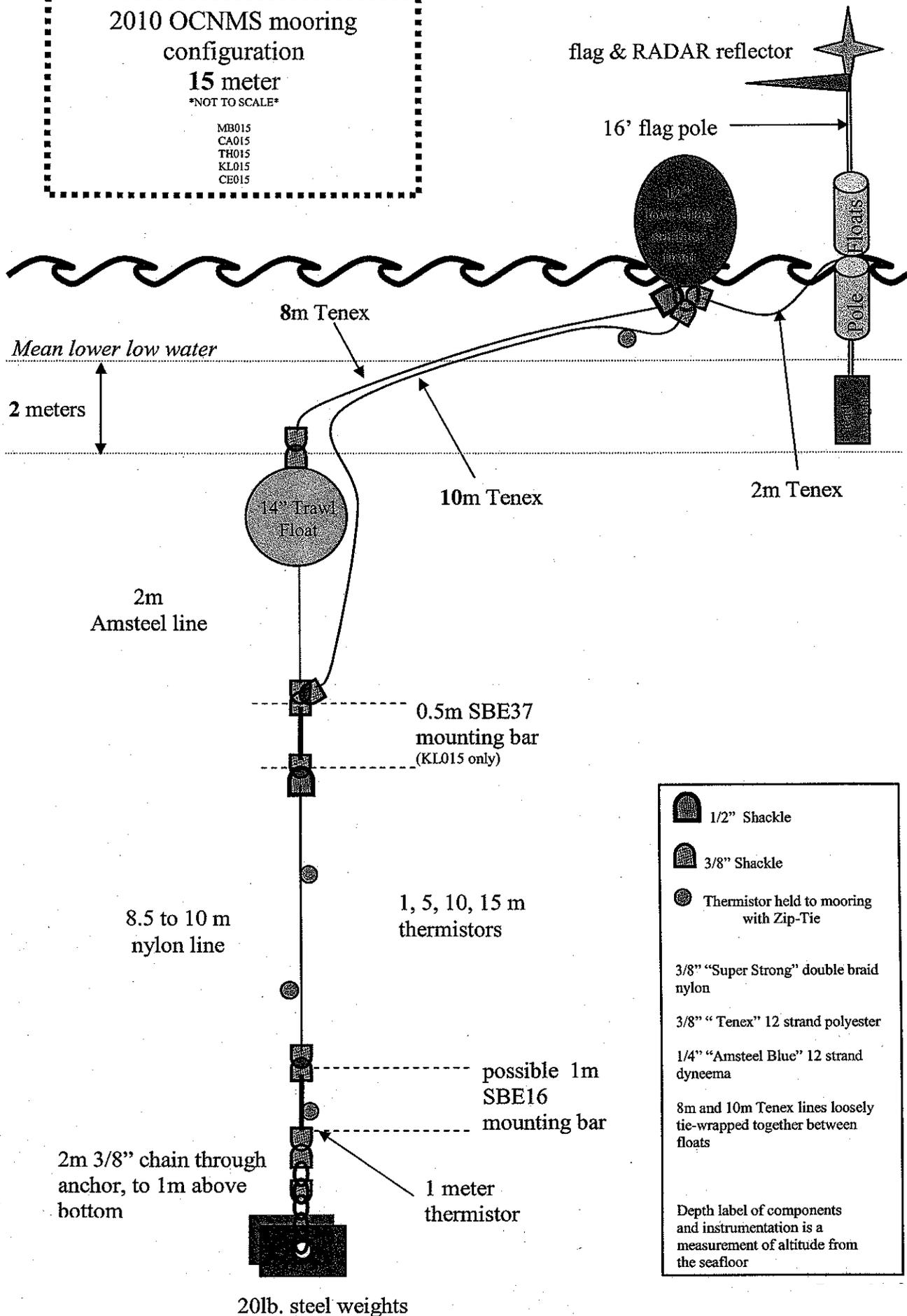
All answers and statements are true and correct to the best of my knowledge.

Applicant Name (please print): Ed Bowlby	Title: Research Coordinator
Applicant or Authorized Signature: 	Date: 15 March 2011

# Application Attachment

2010 OCNMS mooring configuration  
**15 meter**  
 \*NOT TO SCALE\*

MB015  
 CA015  
 TH015  
 KL015  
 CE015



# Application Attachment

## Olympic Coast National Marine Sanctuary: Proposed oceanographic mooring operations 2011-2016

Olympic Coast National Marine Sanctuary (OCNMS) currently collects a variety of basic oceanographic data to monitor water quality, plankton blooms (including "harmful" algal blooms, HABs), upwelling, and low oxygen events. Variation in these parameters directly affects fisheries, wildlife abundances, and human health in the region, and data collected are useful for both monitoring and predicting the status of the coastal environment.

The primary assets used by OCNMS to monitor oceanographic conditions are research moorings. These moorings have been deployed at approximately the locations indicated below in Sanctuary waters since 2000. The moorings consist of a steel block anchor weighing approximately 240 pounds, through which a chain is looped extending one meter above the anchor. The end of the chain is attached to a synthetic line which rises to a 14" diameter sub-surface float 2m below mean lower low water, which is in turn connected to a 12" inflatable surface float and floating pole with RADAR reflector. Instrumentation is mounted at various depths on the mooring depending on water depth and location. All moorings have small temperature loggers on them, and many have some combination of instruments measuring temperature more accurately, salinity, water velocity, phytoplankton abundance, turbidity, and oxygen levels. See page 2 of this document for a drawing of typical mooring components.

Moorings are typically deployed in late April or early May (as weather allows) and recovered in October. In the future it is possible some moorings may be left in place through the winter. Several times during the summer season, moorings are completely pulled out of the water and instruments are cleaned, serviced and have data downloaded before being re-deployed (typically within hours).

Mooring locations in State waters used in 2010 are listed below, and shown on the included map. Current plans are to re-occupy these sites, or a subset of them, in 2011. In future years, however we may want to investigate scientific phenomena for which other locations within the Sanctuary would be more suitable. These could be anywhere within Sanctuary boundaries, north of latitude 47° 07.75' N and west of 124° 38.22' W longitude in the Strait of Juan de Fuca.

OCNMS site name (number is water depth, in meters)	latitude (north)	longitude (west)
MB015 (state waters)	48° 19.524'	124° 40.909'
MB042 (state waters)	48° 19.438'	124° 44.123'
CA015 (state waters)	48° 09.978'	124° 45.410'
CA042 (state waters)	48° 09.961'	124° 49.402'
CA065	48° 09.952'	124° 53.694'
TH015 (state waters)	47° 52.530'	124° 37.119'
TH042	47° 52.569'	124° 44.005'
KL015 (state waters)	47° 36.050'	124° 25.704'
KL027	47° 35.674'	124° 29.824'
KL050	47° 35.600'	124° 36.672'
CE015 (state waters)	47° 21.250'	124° 20.943'
CE042	47° 21.188'	124° 29.324'
CE065	47° 21.170'	124° 34.016'

# VICINITY MAP

## 23-A77450

### OCNMS Mooring Locations, 2010

