



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

Application for Use of State-owned Aquatic Lands

Applicant Name: Gary Gramstad & Debbie Fecher
County: Kitsap County
Water Body: Eagle Harbor
Type of Authorization - Use: License – Mooring Buoy
Authorization Number: 23-087450
Term: 5 years
Description: This agreement will allow the use of State-owned aquatic lands for the purpose of a recreational use mooring buoy. It is located in Eagle Harbor, Bainbridge Island in Kitsap County, Washington.



Gramstad Buoy

122°31'54.27\"/>

T25R02E





MOORING BUOY/BOATLIFT LICENSE APPLICATION

Enclose a \$25.00 non-refundable application-processing fee with the application. Any agency, political subdivision or municipal corporation of this state, or the United States is exempt from this \$25.00 application fee (WAC 332-10-190). The Department of Natural Resources (DNR) will review this application upon receipt and notify you in writing if the application is accepted for further review. DNR may reject this application at any time before authorization.

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

Department of Natural Resources -OR Orca Straits District Aquatic Region 919 N Township Street Sedro-Woolley, WA 98284-9384 360-856-3500	Department of Natural Resources -OR Shoreline District Aquatic Region 950 Farman Avenue N Enumclaw, WA 98022-9282 360-825-1631	Department of Natural Resources Rivers District Aquatic Region 601 Bond Road; PO Box 280 Castle Rock, WA 98611-0280 360-577-2025
---	---	---

1. Name: CARY GRAMSTAD Date: 10/14/10
 Address: 5166 ROSEAVE City: BAINBRIDGE IS. State: WA Zip: 98110
 Telephone Number: Home: 206-842-8405 Work: SAME

2. Which of the following applies to Applicant (check one):
 Washington corporation -OR- Partnership -OR- Martial Community -OR- Single Individual - OR
 (Other)

3. Check if Upland Parcel owner address is the same as above. If not, fill in below:

Upland Parcel Owner Name: MARIS FRATEL PATMONA KEENET 10010 NE EWING BAINBRIDGE IS WA
 Address: 1901 CUFFED City: PORT AUSTIN State: TX Zip: 48467 98110
 Telephone Number: Home: ? Work: ? SITE ADDRESS: 10010 NE EWING ST
BAINBRIDGE IS. WA 98110

List or attach the required information:

4. Legal Description: Government Lot(s) in Section Township N. Range East - West W.M.
Portion of " " 2 35 25 2 E

5. Latitude: 47-36 971 N Longitude: 122-30.896W

6. Global Positioning System (GPS) location if known:
N 47 37 (25.1) W 122 30 54 27

7. Depth of Water at buoy/boatlift location:
18 FT MLW 2.51

8. Length of Vessel: 30' Vessel Registration Number: WN497NV

9. Attach copies of any regulatory permits or waivers required. Although this may not be a complete list for your area, note the ones needed and attached:

- a. WA Department of Fish & Wildlife JARPA APPLIED FOR b. County Shoreline Permit (s)
 c. U.S. Army Corp of Engineers d. WA Department of Ecology
 e. Other CITY OF BAINBRIDGE IS. - APPLIED FOR

Land Manager: New Application Renewal Application
 Land Manager: Initials MC Aquatic Program Manager Initials

Support: Application Fee Received _____ Date

Land Records: New Application Number _____
 Land Records: Trust _____ County _____ AQR Plate No. _____

INFORMATION REQUIREMENTS FOR A MOORING BUOY/BOATLIFT LICENSE

Include all the requirements outlined with your application. Submit a two page Exhibit A map no longer than 18 inches x 24 inches. On the first page, provide a vicinity map on a USGS 7.5 minute quadrangle map. On the second page, provide a drawing with the details for question 5 at a scale of 1 inch = 200 feet or larger.

1. Is there a mooring buoy or boatlift currently at this site? Yes No

2. If yes, does the mooring buoy or boatlift belong to the applicant? Yes No

If no, who does the buoy or boatlift belong to?

Name:

Address:

Telephone:

3. If yes, is the mooring buoy or boatlift authorized by DNR? Yes No

4. If yes, what is the DNR lease number?

5. Mark the position of the buoy or boatlift either by a differentially corrected Global Positioning System (GPS) measurement or by conventional surveying methods. Mark the position in relation to its anchor. The information must be accurate to (+ or -) 10 feet. A licensed surveyor must provide this information, or you must document it as follows:

A. List a coordinate of the anchor position with a state plane grid coordinate or a latitude and longitude.

see map

B. Detail the survey method used to mark the position of the buoy or boatlift.

GPS AT SITE STATE PLANE FROM COBI MAPS.

C. List the land stations used to fix the position. You must have a minimum of two fixed stations and a closed traverse, or differentially corrected GPS measurements to determine the (+ or -) 10 feet requirement, and verify azimuth.

D. List the time and date you performed the work.

10/12/10

E. List the tidal correction and the depth to the anchor of the buoy or boatlift, and how you determined it.

SEE ATTACHED CROSS-SECTIONAL VIEW WORKSHEET

F. Provide the distance from the appropriate line of state ownership, for example, mean high tide, extreme low tide, the line of ordinary high water, or the line of navigability (fresh water).

see map

G. List the distance from other mooring anchors, structures or hazards in the area.

see map

H. Show a full circle on the exhibit that should be free from all obstacles including buoys, docks or other hazards. The circle radius of the authorized area for a vessel 30 feet or less is 130 feet. The radius for a vessel from 30 to 60 feet is 175 feet.

see map

EXHIBIT B

Plan of Operations and Maintenance

For a Mooring Buoy and/or Boatlift license

GENERAL

The buoy and/or boat lift must meet or exceed all applicable federal, state and local regulations. DNR may revoke this license if a buoy or boatlift is not in good working condition or poses a hazard to other vessels, structures, or state-owned aquatic land.

VISIBILITY AND IDENTIFICATION

1. The buoy and/or boatlift must float at least 18 inches above the surface of the water.
2. The buoy and/or boatlift must be marked with the DNR license authorization number. The numbers must be at least 3 inches tall and visible from 20 feet.

BUOY AND BOATLIFT DESIGN

Install a mid-line float on:

- all freshwater buoys or boatlifts, and
- all marine (saltwater) buoys or boatlifts located in depths of less than -30 feet Mean Low Low Water (MLLW)

The mid-line float must be:

- sufficient to hold the tether line off the bottom, and
- located at a distance from the anchor equal to 1/3 the maximum water depth at extreme high tide.

ANCHOR DESIGN

1. The anchor must be sufficient to hold the vessel in all weather.
2. The Licensee bears responsibility to ensure that the anchor does not move.
3. If the anchor moves offsite, DNR may terminate this license and require removal of the buoy, boatlift and anchor.
3. DNR prefers anchor systems which minimize impacts to the bottom and does not allow "dampening anchor" systems.

BOATLIFTS

The owner shall inspect boatlifts annually and maintain them in good working condition. The lifts may not be used:

- To house vessels during refueling.
- To wash vessels.
- For vessel maintenance of any kind.
- To store fuels or oils that may enter onto state-owned aquatic lands.

1. Check the type of system used to secure the boatlift. It is attached to a:

Recreational Dock Bulkhead Buoy Anchor Freestanding Other

2. The boatlift is made of:

Steel Aluminum Polyethylene Wood Other

3. The boatlift will remain in place year round Yes No

3. If no, it will be removed from to

MAINTENANCE PLAN

Describe in detail the maintenance plan for the buoy and / or boatlift and anchoring system:

The complete system will be inspected by a diver annually and repaired as needed.

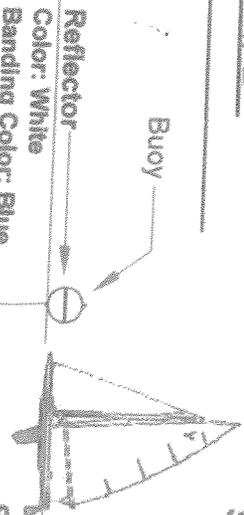


City of
Bainbridge
Island

Programmatic Buoys SSDP Cross-Sectional View Worksheet

Owner: GARY GRIMSTAD
DNR Lease/License # _____

GPS Location: 47° 37' 25.1" N by 122° 30' 54.27" W
(Subject to verification by the City)



Bottom Depth = -18 feet MLLW
(At mean low, low water or tide)
Minimum Depth = -9 feet MMLW
Maximum Depth = -18 feet MMLW

STEP 2
Bottom Depth + Extreme High Water (14.5") = Depth Extreme High Tide (DEHT)

DEHT + Scope > 20% = Length of Line (L)

Bottom Depth less extreme low water (-4.5') = depth extreme low tide (DELTA)

BD - -4.5' = DELTA

DELTA = 13.5

STEP 3
STEP 4
 $^{**} Swing = \sqrt{(L^2) - (DELTA)^2}$

+ 6 Bowline

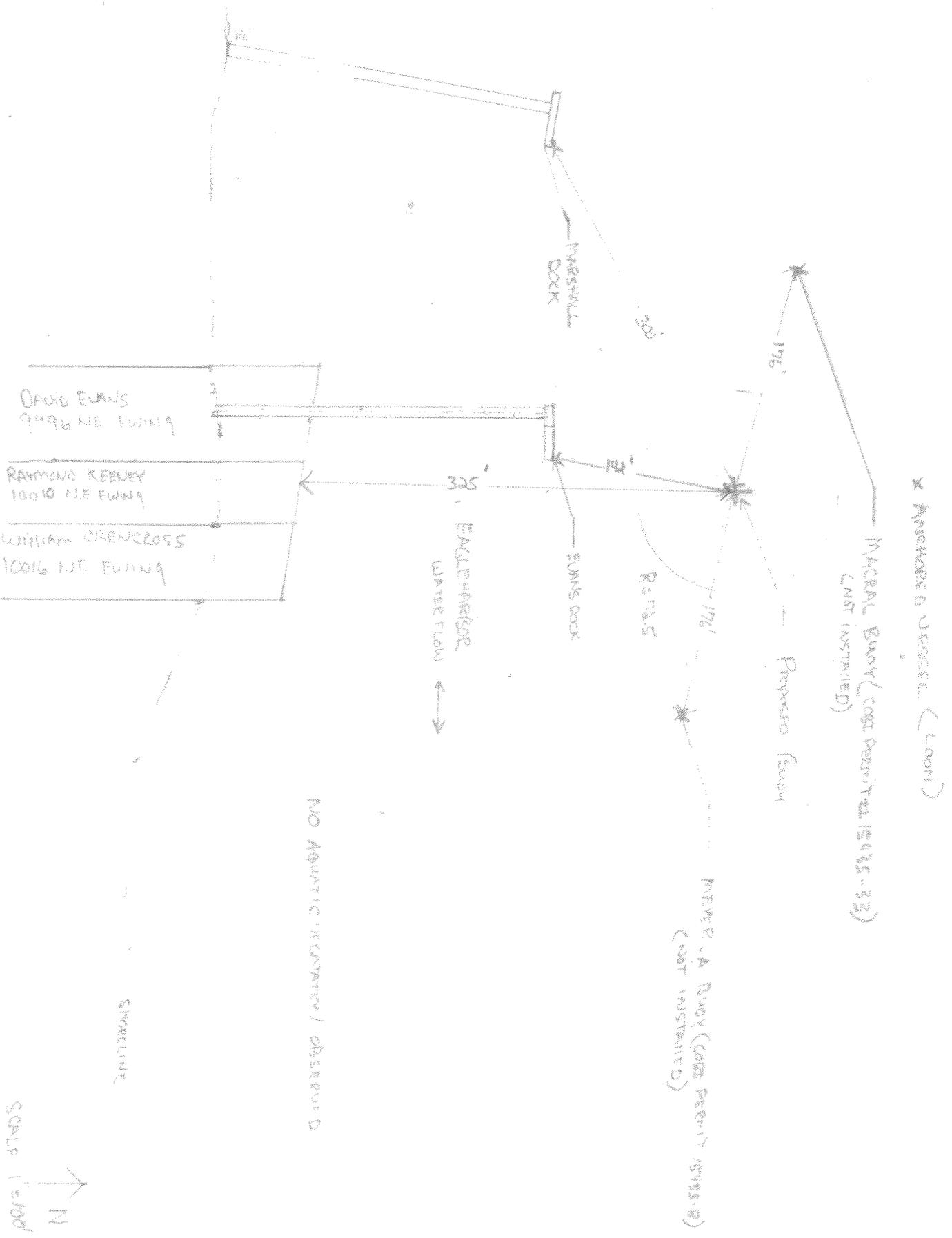
+ 30 Vessel Length

= 72.5 Swing

Check One

** Show Swing on Plan View

GPS LOCATION 47 37 25.1 N 122 30 54.27 W
 STATE PLANE COORDINATES 1385676 945
 229787 814



NO AQUATIC INVASION / OBSERVED

SCALE 1" = 100'