

## ADMINISTRATIVE OFFICES

425-774-0549 - phone  
425-774-7837 - fax

### Commission

Public Meetings, 7pm 2<sup>nd</sup> &  
last Monday each month  
Agenda on website

### Administration

Mon - Fri, 8am - 4:30pm  
(closed holidays)

### Billing/Accounting

Mon - Fri, 8am - 4:30pm  
(closed holidays)

## MARINA OPERATIONS

425-775-4588 - phone  
425-670-0583 - fax

### Moorage Office

9am-5pm, M, Tues, Th, Fri  
7:30am - 4pm, Wednesdays

### Fuel Dock

Daily, 7am - 4:30pm \*

### Sling Launch

Daily, 7am - 5pm \*

### Travelift

Mon - Sat, 9am - 3:30pm \*

### Dry Storage

206-940-1348 - cell  
Daily 7am - 5pm \*

### Security

425-508-7490 - cell  
Daily, 5pm - 7am  
Daily, 5pm - 7am

\* Hours changing June 1, see article



## Galvanic Corrosion Is Your Boat Protected?

If you don't know, then it probably isn't. Any time you have two different metals that are physically or electrically connected and immersed in seawater, they become a battery. Some amount of current flows between the two metals. The electrons that make up that current are supplied by one of the metals giving up bits of itself--in the form of metal ions--to the seawater. This is called galvanic corrosion and, if left unchecked, it quickly destroys underwater metals.

The most common casualty of galvanic corrosion is a bronze or aluminum propeller on a stainless steel shaft, but metal struts, rudders, rudder fittings, outboards, and stern drives are also at risk. The way we counteract galvanic corrosion is to add a third metal into the circuit, one that is quicker than the other two to give up its electrons. This piece of metal is called a sacrificial anode. Most often it is zinc. In fact, most boaters refer to sacrificial anodes simply as zincs. But, there are three types of sacrificial anodes: zinc, aluminum, and magnesium.

**Zinc Anodes** – perform well in salt and the upper saline levels of brackish waters. Zinc sloughs its consumed metal well and retains constant current throughout its life. In lower levels of brackish and fresh waters, zinc doesn't have the current output to fully protect, however, partial protection occurs.

**Aluminum Anodes** – perform well in salt and the upper saline levels of brackish waters. In lower levels of brackish and fresh waters, an aluminum anode can film over by not sloughing its consumed metal which causes passivation and the possibility of a total loss of galvanic protection. Minor maintenance may be required to prevent this from happening.

**Magnesium Anodes** – Preferred for freshwater. Fresh water use is more prevalent due to the possible "over-protection" that may occur in the less resistant environments of salt and upper saline levels of brackish waters.

A reliable anode must be capable of continuously supplying electrical current throughout its life. Improper or unalloyed anodes start off with a high current output which tapers off over time, thus providing insufficient current for long term

protection. There are several factors that play into which type of anode to use on any given boat. These include water salinity, water temperature, water speed, metals to be protected, required anode life span, current output, etc. Typical speed and how often the boat is used can make a difference in choosing the proper protection. Changing habits in a boats use can also change the type of anode required for protection. Since electrical currents change every time a boat travels into different waters, there is no absolute value to the corrosion rates of metals so each boat must be looked at individually for the proper protection.

It's also important to know that according to the Agency for Toxic Substances and Disease Registry (ATSDR), heavy exposure to Zinc and/or Aluminum at high levels may be harmful to health and the environment so handle carefully. Zinc is now a regulated metal under boatyard permits. So if alternative anodes will work in your situation, please consider them. It may help your boatyard pass the required water sample tests. You can dispose of old zincs in the boatyard zinc barrel.

Finally, there is an unfortunate misconception that a sacrificial anode can be mounted anywhere, even hung over the side on a string, and it will still perform its appointed duty. That is dead wrong! For an anode to provide any protection, it must be in electrical contact with the metal being protected. When an anode is missing or largely wasted away, the metal component it was installed to protect begins to dissolve--guaranteed.

Material for this article was compiled from Boat US <http://www.boatus.com/boattech/casey/sacrificial-zincs.asp>, Harbor Island Supply <http://harboranodes.com/>, and US Department of Health and Human Services <http://www.atsdr.cdc.gov/>.

## Department of Fish & Wildlife Information

With various fish and shellfish openings beginning in May, you may want to consult the Department of Fish & Wildlife website for up-to-date information on fishing regulations, season openings, and much more ([wdfw.wa.gov](http://wdfw.wa.gov)).



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## Waterfront Festival May 30 - June 1

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Join us for the 27<sup>th</sup> Annual Waterfront Festival hosted by the Rotary Club! Proceeds from this event support programs, services, and charitable purposes in the South Snohomish & North King County areas. Gates will open at 3pm on Friday, May 30<sup>th</sup> and run through the weekend, closing at 7pm on Sunday, June 1<sup>st</sup>. For more information, please visit [edmondswaterfrontfestival.com](http://edmondswaterfrontfestival.com).

Please be advised that parking in the South lot will be greatly affected due to festival events. During the festival, parking in the North lots will be reserved for permit parking only. The public launch will be closed from Noon on Wednesday May 28<sup>th</sup> to Monday, June 2<sup>nd</sup> at 7am. You will be able to use the boatyard during the festival, but must schedule to have your boat in the yard prior to 3:30pm on Friday, May 30<sup>th</sup>. The travelift will not be operational Saturday, May 31<sup>st</sup> or Sunday, June 1<sup>st</sup>.

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## National Marina Day - June 14

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You're invited to National Marina Day on June 14<sup>th</sup> at the Port of Edmonds Public Plaza from 10am to 3pm. This event was launched to promote the marina industry and the boating lifestyle. Groups, vendors, and service providers will convey new, innovative, and environmentally sound information. There will be music and food. See you on the water!

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## Loan-A-Slip & Sublease

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Are you planning on being out of your slip for even a short period of a weekend, or even two weeks? If so, consider participating in the loan-a-slip program. During peak season, many visiting boats are looking for overnight moorage. Once the guest moorage areas fill up, Port staff looks for available slips on the other docks to accommodate guests. If you put your slip in the loan-a-slip program by calling Port operations before you leave the marina, we may utilize it to accommodate a visiting boat and credit your account for that daily use. It's a win for you and for the visiting boater who might not otherwise find available space.

If you are planning on being out of your slip for 1 to 6 months and want to offer your slip for sublease, let us know. You remain responsible for your monthly payment to the Port, and the sub lessee pays you an amount not to exceed the total amount billed to you by the Port. Some paperwork is necessary so the Port can confirm agreement between the two parties and up-to-date registration and insurance of the sub-lessee.

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## Sea Jazz

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Throughout the summer, award winning musicians from the Edmonds School District will be performing in the Public Plaza at the Port. Performances will be every Wednesday (5-7pm) and Sunday (1-3pm) from June 4<sup>th</sup> to September 17<sup>th</sup>.



There will also be special performances at the Waterfront Festival on May 31<sup>st</sup> and June 1<sup>st</sup> from 12 - 4pm and at National Marina Day on June 14<sup>th</sup> from 10am - 3pm.

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## Free Vessel Safety Checks

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US Coast Guard Auxiliary personnel will be available from 10am through 3pm on the second Saturday of each month, March through October, in front of the Marina Operations office. You can also call for an appointment - Jim Maddox at 206-979-1919 or Dave Church at 206-799-4169.

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## Tenant Rewards

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**Been a tenant in good standing for 12 months or longer?**

- Submit fuel receipts dated 1/14 or later to the Administration office and get a certificate for 1 free day in the boatyard for every 150 gallons of fuel purchased.

**Other promotions during 2014 include:**

- Bring-a-Buddy. Get one of your buddies to sign-up for moorage or dry storage at the Port. If they mention your name as a referral and both of you stay at the Port in good standing for 12 months, we will credit your account during the 13<sup>th</sup> month with \$200.00.
- The Port is now offering FREE WiFi.

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## Waitlist Renewal

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The Moorage office has sent out the Annual Waitlist Renewal forms to all waitlist applicants. The forms and the \$25.00 Waitlist Renewal fee must be returned to the Port by May 31<sup>st</sup> to maintain your position on the waitlist.

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## Hands Free Pumpout Adapter

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The Port of Edmonds is now offering free pumpout adapters (limited availability, while supplies last) to make pumping out cleaner and easier. These pumpout adapter kits were made available by Washington Sea Grant, and funded by the Clean Vessel Act. Please visit the Marina Operations office today to pick yours up!

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## Commission Updates

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### RECAP OF PAST MEETINGS

#### March 10, 2014

Approval of Revised Strategic & Master Plans  
Sea Jazz  
Public Launch Project

#### March 31, 2014

Request for Business Moorage - Jacobsen's Marine  
Approval of Revised Regulation 15: Parking  
Approval of Revised Regulation 18: Commercial Work  
Emergency Repairs of Broken Marina Waterlines and Pipes Work Acceptance

#### April 14, 2014

Annie Crawley - Dive Into Your Imagination  
Hart Crowser Lease Report  
Public Launch  
Website Redesign & Development Services Update  
Port of Edmonds Policy Number 3.55.40.05, Information, Technology, and Security  
Jacobsen's Lease/Permit

#### April 28, 2014

Sea Jazz Performances  
Artists in Action  
Quarterly Reports

### AGENDA FOR FUTURE MEETINGS

#### May 12, 2014

TBA

#### May 27, 2014

Meeting moved to Tuesday in observance of Memorial Day  
TBA

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## Operation Hours Effective June 1<sup>st</sup>

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Marina Operations  
Daily 7am - 7pm

Fuel Dock  
Daily 7am - 6:30pm

Travelift  
Monday - Saturday 9am - 5pm  
(last move 3:30pm)

Dry Storage  
Monday - Thursday 7am - 5pm  
(last move 4:45pm)  
Friday - Sunday 7am - 7pm  
(last move 6:45pm)