



THE BITTER END

Skagit Bay Sail and Power Squadron
February 2019

Come for the Boating Education...Stay for the friends SM

Web Page: www.skagitsquadron.org

Email: ssboatschool@hotmail.com

Facebook: www.facebook.com/groups/SBSPS/



CALENDAR

- 14 Feb– Regular Meeting, Farmhouse
- 16 Feb– ABC Class Starts, Anacortes Marina
- 20-24 Feb– Annual Meeting, Orlando Fla, Rosen Center
- 07 Mar– Executive Board Meeting, Location TBA



Be careful out there. This unexpected snow / cold is likely to spend more time than anticipated. Hope you are all toasty and the boats are winterized. Maybe we should all go to the Annual Meeting in Orlando??



Commanders Message Cdr. John Bellinger, SN

It seems winter has really arrived here in the beautiful Northwest. We have members who are off to Arizona and other places much warmer. The snow has disrupted our planned ABC class in Anacortes which we had to postpone until February 16th. We also have a new member in the ranks of the retired. Mark Richey has "pulled the plug" from Boeing and can now sit back and enjoy retirement.

We have a lot of things going on in the Squadron this spring. Our education team has the ABC class ready to go with thirteen people signed up. They also are planning a "Radar for Boaters" class starting on March 23 in Anacortes.

The USPS Spring Conference will be held in Bellevue on March 8, 9 and you are all invited to attend.

Donna has been busy planning our boating safety meeting on June 30th at the Seafarers Park in Anacortes. We hope to share our boating safety message with the public and have a great Squadron party on that day.

I hope to see you all at the meeting on February 14th at the Farmhouse restaurant. We are going to have a presentation by Bill Lundstrom about the role of boaters in the Skagit County Search and Rescue group. I hope you will all try to attend and support the Squadron. It is a great time to visit with other members and share your knowledge with us. I hope to see you there.



Education Department Lt/C Debbie Richey, AP

I hope you all are surviving the winter wonderland out there! Did you make sure the heat was on in your boats? You don't want to deal with unexpected leaks when it thaws out. Our February ABC class was to start on Saturday, February 9, but was delayed a week due to the weather. We are going to teach the new Radar Course in March. It has gotten rave reviews from other squadrons that have taught it. Contact Bob Miller (BobMillerWA@hotmail.com) to sign up!

For a little fun, Mark and I created this hot drink when we would it would get cold out on boat:

- 1 cup of strong, hot, coffee
- ½ packet of instant hot cocoa
- 1 ounce of rum
- 1 ounce of Kahlua
- Whipped cream

Guaranteed to warm you up! But drink it only when you are safely moored.

Bridge Officers

Commander
P/D/C Mark Richey, SN

Exec Officer
Kelly Libby, S

Ed Officer
Robert Miller, JN

Admin Officer
Carolyn Caporgno, S

Secretary
Wayne Williams

Treasurer
Jack Dyer, P

Executive Committee

John Bellinger, SN
Marlene Bellinger, AP
Sandy Johnson, P
Paul Rosetter, AP

Commander Department

Chaplain
P/D/C Ruth Peterson, SN

Flag Lieutenant
Steve Drummond

Merit Marks
Debbie Richey, AP

Exec Department

Co-Op Charting
P/D/C Mark Richey, SN

Liaison
Debbie Richey, AP

Marketing
Donna Mason, AP

Public Relations
Kelly Libby, S

Radio Technical
George Brooks, SN

Safety Committee
Don Coleman
Bill Stewart, JN

Vessel Exams
(Vacant)

Educational Department

Asst Ed Officer
Debbie Richey, AP

Local Board Public Boating
George Johnson, SN

Local Board Adv Grades
George Brooks, SN

Local Board Elective
Courses
John Bellinger, SN

Administrative Department

Boating Activities
Donna Mason, AP

Greetings
Sandy Johnson, P

Membership
Shani Taha, S

Operations Training
Debbie Richey, AP

Programs
Carolyn Caporgno, S

Property Officer
George Johnson, SN

Supply Officer
Glen Caporgno

Secretary Department

Editor
P/D/C Mark Richey, SN

Historian
George Johnson, SN

Scrapbooker
Carolyn Caporgno, S

Roster
Robert Miller, JN

Webmaster
Kari Randall-Secrest, N

Auditing Committee

1 yr (vacant)
2 yr Marlene Bellinger, AP
3 yr Jeannie Drummond

Nominating Committee

1 yr Donna Mason, AP
2 yr George Johnson, SN
3 yr John Bellinger, SN

Rules Committee

1 yr John Bellinger, SN
2 yr Donna Mason, AP
3 yr (vacant)

The Squadron Nominating Committee respectfully submits these for your consideration at the March Meeting. Only the Officers and 3 yr committee members and chairs need the vote of the members.

Skagit Bay Sail and Power Squadron

2019 Activities Schedule (Tentative 1/12/19)

Date	Destination	Host	Theme
Mar 16	Friday Harbor Ferry Day Trip	Paul & Donna	St. Patrick's
Apr 6	Langley Day Trip, Prima Bistro	Paul & Donna	Good food!
Apr 19-21	Mt. Vernon Tulip Festival Booth	Paul & Donna	Celebrate Spring
May 3-5	Sidney, B.C. Canada Weekend	Bob & Jean Miller	O Canada!
June 21-23	D16 Rendezvous, Poulsbo	D16 Commander	
June 30	Safe Boating Day and Members Picnic, Anacortes	Paul & Donna	Public Service
July 13	Coronet Bay Crab Cookout	Kari & Deanna Randall-Secret	Successful crab pots!
July 20	Shipwreck Day, Anacortes	George & Sandy Johnson	Squadron fundraiser
Aug 23-25	Mariners vs. Toronto (24 th) & Bell Harbor Marina, Seattle	Kari & Deanna Randall-Secret and Mark and Debbie Richey	Go Mariners!
Sept. 14	Diablo Lake and Lunch Cruise	Paul & Donna	Scenic and Educational
Sept. 28	Coronet Bay Shelter, Deception Pass State Park	Incoming Cdr	SBSPS Anniversary Cookout
Oct 11-13	Portland, OR Train Weekend	Paul & Donna	Food, books and adventures!
Nov 27-Dec 1	Ft. Casey RV, Coupeville & Pt. Townsend Day trips	TBD	Thanksgiving Weekend
December 7	LaConner Lighted Boat Parade & Holiday Party	Paul & Donna	Holidays celebration

Squadron Activities 2019

By P/C Donna Mason, AP

Hope you all enjoyed the Big Seattle Boat Show! Did anyone buy a new boat?

At our January Members meeting we planned a full year of activities for squadron members. Hope you'll join us! The reason why the printed schedule says "tentative" is because the Tulip Festival, Shipwreck Day, and Diablo Lake cruise cannot be confirmed at this time. Everything else is a "GO"!

March 16 Anacortes to Friday Harbor Ferry Day Trip, rain or shine, hosted by Paul Rosetter and Donna Mason
Most of us will walk on the ferry, which is on its Winter 2019 schedule until March 30. The ferry leaves Anacortes at 9:25 a.m. arrives in Friday Harbor at 11:30 a.m. We'll explore on our own around this interesting town and meet at 3:30 p.m. at the Cask & Schooner Public House at 1 Front Street, which is within walking distance to the ferry. We'll start with happy hour drinks easing into "Lunner" (lunch/dinner) at 4 p.m. so we can make the 5:25 p.m. ferry back to Anacortes which will arrive at 7 p.m. Check out the menu at: places.singleplatform.com. Email donnajmason@gmail.com if you're interested in going. We need a head count by March 9.

April 6 Langley Day Trip, hosted by Paul and Donna

Still a little early to be out in your boat? Join us for a driving trip to the picturesque village of Langley on Whidbey Island. Carpooling encouraged. We'll poke around town on our own: look down at the marina to see boats coming in to dock in tight space, visit the local shops, antique shops, resale shops, and meet us at Noon upstairs at Prima Bistro for a gourmet lunch from the "best hamburgers in the world" to French fare. See their menu at <http://primabistro.com>. After lunch, you'll want to walk around town a bit. RSVP to donnajmason@gmail.com if you'd like to attend.

April 19-21 Mt. Vernon Tulip Festival Booth

In February we'll find out if we have space this year. Stay tuned... Over 5,000 people attended last year.

May 3-5 Sidney, B. C. Canada Weekend, hosted by Bob and Jean Miller. More information later.

June 21-23 District 16 Rendezvous, Poulsbo, information will be announced by D16. Check their website: <https://www.uspsd16.org>. If you plan to go by boat, make your slip reservation asap.

June 30, Sunday, Boating Safety Day Festival and June Members Meeting/Picnic, Anacortes

This replaces our June monthly meeting usually held the second Thursday of the month. Our squadron has rented the Seafarers' Memorial Park Building off Commercial Avenue for the entire day. First, beginning late morning, we'll have a Safety Day Festival, open to the public for people of all ages: tables with information, people to answer questions, demonstrations (of proper fitting life vest, for example), coloring books for kids, i.e. items of interest to all types of boaters and water craft users. We'll be inside a sheltered building next to the water near Cap Sante Marina. This is an opportunity to educate about boating safety, introduce our organization to the public, and entice people to take classes, come to our meetings, and become members. We hope many squadron members will take part. Then about 4 p.m., we will close down to the general public and convert our space for our June meeting and potluck picnic for Squadron members and spouses/partners/children. It will be a fun, rewarding day. Hope you'll join us. If you are unable to participate in the Festival, you still can join us for the potluck picnic meeting. Email donnajmason@gmail.com to participate.

July 13, Coronet Bay Crab Cookout, at Deception State Park, by car or boat, hosted by Kari and Deanna Randall-Secret who will announce details later. We have the shelter reserved for the day, so this will be rain or shine. This is not a State Parks free day, so you'll need a parking permit.

July 20, Shipwreck Day in Anacortes? I understand that squadron participation will be voted on at the February meeting.

August 23-25, Seattle Mariners vs. Toronto & Bell Harbor Marina Rendezvous, by car or boat, hosted by Kari and Deanna Randall-Secret and Mark and Debbie Richey.

Game time is 6:10 p.m. on Saturday, August 24, but come early and join in other festivities, TBA.

September 14 Diablo Lake and Lunch Cruise, hosted by Paul and Donna

Seattle City Light knows we're interested, but it is too early to be able to reserve. This scenic and educational cruise, on the Alice Ross IV, has been on the wish list for several members; we hope to make it happen this year. Last year's rates were \$42 adult, \$40 Senior (62+), Youth 3-12 \$21. The cruise includes an organic, locally-sourced lunch at the North Cascades Environmental Learning Center on Diablo Lake. These tours fill up quickly. If you're interested, email donnajmason@gmail.com. We would drive on our own to the departure point; carpooling encouraged.

September 28, Coronet Bay, Deception State Park, Squadron Anniversary Cookout, by car or boat, hosted by our incoming commander. We have the shelter reserved for the day, so this is another rain or shine event. It is a free State Parks day, so no parking permit required.

October 11-13 (or 14?), Portland, Oregon Train Trip and Weekend in the City, hosted by Paul and Donna. Pencil in the date on your calendar. We'll take Amtrak from Mt. Vernon station to Portland, OR's Union Station. We'll roll our luggage to our hotel a few blocks away (people can choose their own hotel; we recommend the downtown area, especially the beautiful, historic Benson). Portland has so much to offer (in addition to the Saturday Market and Powell's Books!). We'll explore by walking and using street cars, and we'll enjoy yummy food. Depending on people's wishes, we'll return Sunday or Monday on Amtrak to Mt. Vernon.

November 27 – December 1 Thanksgiving at Fort Casey RV, Coupeville and Port Townsend Day trips. Stay tuned for how this Thanksgiving weekend with RVers or car day trippers falls into place.

December 7 LaConner Lighted Boat Parade and Squadron Holiday Party Dinner, hosted by Paul and Donna

In December we celebrate instead of having a monthly meeting. The LaConner Pub has reserved space for our squadron party once again. (Is it the chocolate cake we share with them, or because we have so much fun?) The Snohomish Yacht Club has scheduled its lighted boat parade that evening. Last December's was the best one yet. Join us this year for a good time.

**Skagit Bay Sail and Power Squadron
United States Power Squadron
General Meeting Minutes – Jan. 10, 2019**

Attendance

George Brooks	Jeanne Brooks	George Johnson
Sandy Johnson	Marlene Bellinger	Steve Drummond
Carolyn Caporgno	Don Coleman	Jack Dyer
Glen Caporgno	Jeanne Drummond	Stephen Drummond
Paul Rosetter	Ruth Peterson	Donna Mason
Shani Taha	Bob Miller	Debbie Richey
John Bellinger		Guest: Jim Scott

*quorum present

Meeting called to order at 1830, location Farmhouse Restaurant
Flag salute lead by Steve Drummond
Invocation by Ruth Peterson

Executive Officer's Report – John Bellinger for Kelly Libby

- Boat Show - John announced the Seattle Boat Show is Jan 25- Feb 2, George Brooks reminded folks the Seattle viaduct will create traffic issue, Bob Miller suggested Amtrak might be the best option for folks.
 - Donna Mason announced for those interested in boat show booth duty, you must sign up on D16 web-site for a specific date/time. She also stated the boat simulator will be present at USPS booth.
- Marketing – Donna Mason
 - Rack cards – Donna is working on rack cards since each squadron is supposed to have squadron literature present at the boat show booth. Donna sent some business cards to Barbara Erickson just in case our new rack cards aren't ready. Donna presented a sample and requested comments for the final rack card draft version from members. The printing expense was already approved by Ex Com and final input/approval was sought from members. Donna tailored the cards to Skagit Bay.
 - Donna announced D16 is printing business cards for each squadron to offer 10% off on a course given out at the boat show. Kelly Libby will be the contact for these. D16 will reimburse SBSPS for the discount.
 - Donna is waiting to hear whether or not we will get a booth at the Tulip Festival. We must commit to 3 days. Apr 19-21. Will need help with booth duty, setup and take down, with dinner out to follow.
 - Boating Safety Day in Anacortes is June 30. Donna has reserved the Seafarer's Memorial building for the whole day. She would like to start an ad-hoc committee to plan what we'll do that day. Donna is working to get a kids program, and maybe a Washington State person to be there.
 - The re-waterproofing efforts on our booth canvas/tent continues.
 - The District 16 Marketing Challenge is still open and ongoing. We need one more new person signed up.

Education Officer - Debbie Richey

- Debbie announced the ABC class starts next month, Feb 9, 16, 13. We have 7 students signed up. In March we may do the Radar Seminar and in April, possibly offer a Boat Handling (formerly Seamanship) course.
- Assistant Ed. Officer - Bob Miller
 - Bob has purchased and configured another teaching computer and projector. These computers are in the storage unit. Sign out sheets are there, so fill out the sheet if you use one.
 - Bob announced we now have a surplus projector and we will be offering it up to be purchase by any squadron member. Send Bob your offer if interested.

- Bob has been preparing a new squadron calendar document. It will be finished tonight after event scheduling.

Administrative Officer - Carolyn Caporgno

- Tonight's Program-Activities Planning
- Carolyn announced the February program will be Bill Lundstrom, squadron member and member of the Skagit Search & Rescue team. He'll be talking about how the squadron might be able to assist with marine rescue work. March program will be Sara Young, Port of Skagit, and she'll talk about the dredging of Swinomish Channel.
- No program in April since it will be Change of Watch.

Secretary - Kari Randall-Secret

- Scrapbook – Carolyn Caporgno
 - Carolyn asked to keep your photos coming and will be sending an email as she's looking for photos of specific past events. Donna has provided lots of photos so scrapbook will be upgraded hopefully for Feb meeting.
- Webmaster – Kari Randall-Secret
 - Our website has undergone some significant upgrades and modifications. We have a new white background, which is more suitable for printing. The Education page has been updated per Debbie and Bob's design and there is a new "Documents" link which takes you to our squadron's Google drive account where each bridge department has designated drive space. Kari has begun posting some Secretary's records there and will provide the login to Ex. Com. in the next week or so for review. Check out the website at: www.skagitsquadron.org

Treasurer – John Bellinger for Bob Miller

- Balance: \$6,500 (after expenses for new computer purchase)
- Bob announced we've received our Education Fund Honor Roll certificate. Bob will send it to the Secretary.

Commander - John Bellinger

- John announced the District 16 Spring Conference is March 8-9 in Bellevue. See the Bitter End newsletter for details.
- Nominating Committee – Donna Mason and George Johnson
- Donna announced the Bridge for next year is already filled.
 - We still need a safety committee member, one will be fine.
 - We still desperately need a Vessel Safety Checker! We have none at this point. Contact Donna or George if interested.
 - We also need to fill the Audit Committee which is a commitment to one meeting next year in March to audit the books. Contact Donna or George if interested.
 - Nominating Committee will make sure nominations are posted in the February Bitter End.
 - Bob reminded everyone we need to file the OD-2 w/nominations by the end of the month.
- Membership Chairman – Shani Taha
 - Shani announced Skagit Bay is number 3 in the District in membership retention. We've held our numbers steady, while many other squadrons have lost members.
 - If you know of a potential member, give Shani their contact information and she can get in touch with them.

Old Business

- Shipwreck Days discussion - Should we continue with it? George Johnson stated we'll need to decide by the next meeting. If we let it lapse, we'll lose our great location. Much discussion ensued regarding how it is not just a fundraiser but also a great marketing opportunity. George is willing to continue doing it and we have good squadron support to help. This discussion was tabled for now.

New Business

- Congratulations to Ruth Peterson who has recently acquired her General HAM License. Way to go, Ruth!
- Donna proposed a new menu at the Farmhouse. No objections, so we'll use it next meeting.

Activities and event planning for 2019 was completed. (See attached PDF document)

Meeting adjourned at 2035

Still believe that the current location of the magnetic north pole is somewhere above Hudson Bay in Canada? Contrary to what the older USPS courses show, the current magnetic pole has crossed the international date line and has moved into Siberia. This abstract from LiveScience.com explains that the Magnetic North Pole is moving rapidly.

"News of the magnetic north's meanderings isn't exactly new. Researchers figured out in the 1800s that magnetic north tended to drift. Then, in the mid-1990s, it began moving faster, from just over 9 miles (15 kilometers) a year to about 34 miles (55 km) annually, Nature reported. In 2018, magnetic north skipped over the International Date Line and entered the Eastern Hemisphere."

The full report can be read on <https://www.livescience.com/64486-earth-magnetic-pole-moving.html>

Now, what is the difference between the magnetic north pole and the geomagnetic north pole? The former is the actual place a magnetic compass will point and is sometimes called the magnetic dip pole, where a compass will point down. The latter is a theoretical location where a magnetic dipole would show. The geomagnetic north and south poles are antipodal points, meaning that that a line between them would bisect the center of the earth. In the real world, the magnetic north and south poles are not antipodal. Read more in https://en.wikipedia.org/wiki/Geomagnetic_pole

The geomagnetic north pole is above Baffin Bay, near Greenland, <https://www.google.com/maps/place/80%C2%B018'36.0%22N+72%C2%B037'12.0%22W/@74.1357844,-115.5862245,3z/data=!4m5!3m4!1s0x0:0x0!8m2!3d80.31!4d-72.62>

The magnetic or dip north pole is located in the Artic Ocean way above Greenland, past the Prime Meridian and is heading toward Siberia, <https://www.quora.com/Where-is-the-Earths-magnetic-North-Pole-right-now>.

A Custom Nautical Wedding Gift
By P/C Donna Mason, AP

This wedding gift required a different type of nautical charting. The groom-to-be proposed while the couple was on a Washington State Ferry to Orcas Island. Lucky for me, they happened to take a cellphone selfie, so I was able to get the GPS coordinates of the event. I created a design and charted it on 12/inch graph paper, then used algebra to determine the correct size of the 14/inch needlepoint canvas. Yes, one can use algebra these days!

More math: it took 2 ½ busy months to do the 66,885 stitches, in Washington State Ferry colors, to complete the pillow front measuring 23" x 15". A local upholsterer completed the job. A pocket in the green velvet back holds a photo of the couple taken when I learned of the engagement as well as a Google screen shot of the exact location of the proposal along the ferry route. It was a nautical way to document this romantic occasion. The bride-to-be is a member of another USPS® squadron.



By the way, the GPS coordinates plugged into the screen shot verified that the ferry captain was exactly on course.

.BLUE WATER WOMEN

At Village Books, 1200 11th St., Fairhaven section of Bellingham, Gina de Vere will talk about her book Blue Water Women: Making the Leap from Landlubber to Life at Sea. She has been sailing the world for the past 5 years, and worked as a university lecturer. The book features advice on life at sea from 40 sailing women.

--
Donna Mason

Ship's Store

Get ahead of the boating season by picking up a burgee for your boat at our next dinner meeting. Squadron burgees are \$25 (tax included).

Still have a few classic shirts at \$10/each.

2019 Cruzin' Squadron shirts will be available to order this month. You can order direct from Glen Caporgno if you want to pay by check or cash. Otherwise, you can order online using a credit card. Watch for details coming soon.

Thank you.

Glen





District 16 Spring Conference

Friday, March 8th and
Saturday, March 9th 2019

Bellevue Hilton

PRE-CONFERENCE EVENTS

Boehm's Candy Factory tour in Issaquah. Transportation leaves hotel at 1230.

Continue afternoon tour with a trip to view beautiful Snoqualmie Falls.

Cost \$30 (includes admission to Boehm's and transportation)

OR

"Walk on the Wild Side" guided tour led by Susan Tarpley, Everett's own naturalist.

Tour group will carpool to Mercer Slough and begin an interpretative walk of approximately 1.5 hour.

Walk is rated as EASY. Dress for outdoors, wear hiking boots / shoes. Bring your binoculars, water, field guides and explorers inquisitiveness. Will cancel if high winds and very cold temps occur.

Meet in lobby 1215

Cost - One Smile

Group size limited to 15

OR

Shop 'til you drop. Visit Bellevue Square and the Shops at the Bravern. Transportation provided by hotel shuttle.

FRIDAY EVENING

Get ready to party! Wear your comfy clothes to a D16 picnic with adult beverages at a no host bar and entertainment led by Seattle's AO Robert Dahlin.

Join in for an Old Fashioned Cake Walk made new... D16 Wine Walk

Cost \$10 (guaranteed to win a great bottle of wine)

Caution! Laughing and having fun is required.

Sign up for Per-conference Events on PayPal
at www.everettsailandpowersquadron.com

See You There!





District 16 Spring Conference

Friday, March 8th - Saturday, March 9th 2019

Bellevue Hilton, 300 112th Ave SE, Bellevue WA 98004

Full Name: _____ Guest/Spouse Name: _____

Address: _____ Phone: _____

City/State/Zip: _____ Squadron: _____

Email address for registration/payment confirmation: _____

Attending Conference without meals? _____ Is this your first time attending a District Conference _____

	Before 15 Feb.	After 15 Feb.	No. People	Total
Friday Evening 1800 - 2100 (No Host Bar) Hot dogs, Hamburgers, Condiments, Potato salad, House green salad, Dessert	\$30.00	\$33.00	_____	_____
Saturday (Breakfast on Your Own)				
Saturday Lunch 1200 - 1300 Soup du jour, Season greens with bacon bits, Mushrooms, Shredded cheddar cheese, Cucumbers, Tomatoes, Hard boiled egg, Diced turkey, Diced chicken, Rolls & Dessert	\$28.00	\$30.00	_____	_____
Saturday Evening Banquet 1800 - 2130 (No Host Bar) All dinners include Herbed roasted potatoes, Season Vegetable, Rolls, Tiramisu, Coffee/Tea				
Salmon, Soy ginger glaze	\$42.00	\$45.00	_____	_____
Pork loin, Dijon mustard sauce	\$42.00	\$45.00	_____	_____
			Number of People _____	Total \$ _____

Do you have any food allergies? _____

Hotel Reservations for Bellevue Hilton 300 112th Ave. SE, Bellevue, WA 98004 ~ 1-800-643-7907

Must be made by 6th February 2019 to guarantee a room. Use Group Code: D16 CI for the conference rate.

Room rate is \$119.00 per night plus 14.4% tax. After 6th February, rooms are reserved as space available.

The Bellevue Hilton is Pet-friendly

Make all checks payable to Everett Sail and Power Squadron (ESPS) Mail registration to Susan Tarpley,
13423 51st Ave. West Edmonds, WA 98026

You may also pay for meals by PayPal at www.everettsailandpowersquadron.com

(Go to website menu for registration form)

United States
Power Squadrons®

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Skagit Bay Sail
and Power
Squadron



Radar for Boaters

Anacortes Marina, 2415 T Ave, Anacortes
upstairs classroom

Saturdays, March 23, 30, April 13, 2019
9:00 am to 1:00 p.m.

Welcome to Radar for Boaters. Developed by Canadian Power and Sail Squadrons, this course is up to date for radar technologies available now and into the near future. The course covers the different types of radar equipment, their capabilities and limitations, as well as their features and how they apply to students' needs. It covers what you need to know about radar, from how and where to mount the antenna to how to interpret the displays, so you can use your radar for collision avoidance and for navigational purposes.

What's Included? For both sail and power boats, *Radar for Boaters* covers a wide range of topics:

- How radar works – basic concepts,
- What you see on the screen,
- How to control and manage settings,
- Fine tuning of detailed settings,
- Connecting to other nav devices,
- Using radar for blind navigation,
- Review of error conditions and heavy weather,
- Review of Colregs as they apply to radar use.

The course materials include the 240-page *The Radar Book, 2nd Edition* and a 2018 Supplement on the latest technology. It is written by the well-known local author of nautical guides, Kevin Monahan. The course is completed by attending the three four-hour sessions, including a final exam. A Certificate of Completion will be awarded to those who complete.

\$150 for individuals or \$190 for two sharing course materials
(\$80/100 for USPS Members)

Contact Bob Miller at 360-588-9950 or

bobmillerwa@hotmail.com

Registration closes February 28, 2019

Class is limited to 15 students

The Pledge

I do solemnly pledge to: Abide by the bylaws of the United States Power Squadrons®; Promote high standards of navigation and seamanship; Maintain my boat and operate it legally; Render assistance whenever possible; and conduct myself in a manner that will add prestige, honor and respect to the United States Power Squadrons.®



~ General Meeting Information ~

Our General Meetings are held monthly on the 2nd Thursdays of each month (except July & August), at The Farmhouse Restaurant, corner of SR20 and La Conner-Whitney Road. Greetings and social time starts at 1800 with dinner at 1900. Meeting is normally held just before dinner. When a program is available it usually starts about 1930. The meeting is sometimes moved to another date or venue for special occasions, but that will be advertised in the newsletter or an email notice.

NEWSLETTER ARTICLES ALWAYS NEEDED

Articles are due no later than the week before the regular meeting at the Executive Board Meeting if it is held otherwise they are due no later than the Saturday before the regular meeting. Earlier is always better as it is hard to wait for last minute for everything. I try to send it out the Sunday before the meeting but would do it earlier if complete.

Please send them to the address at the top of the Bitter End. It is a clickable link and will open the address for you.

Thanks,

**P/D/C Mark Richey, SN
Your Editor**

Bridge Officers		
Commander	John R. Bellinger, SN	360-757-8091
Executive Officer	Kelly Libby, S	425-359-7078
Education Officer	Debbie Richey, AP	360-387-1260
Administrative Officer	Carolyn Caporgno	206-609-1182
Secretary	Kari Randall-Secrest, N	360 387-1194
Treasurer	Bob Miller, JN	360-588-9950
Executive Committee		
	Marlene Bellinger, AP	360 757-8091
	Paul Rosetter, AP	360 595-1083
	Sandy Johnson, P	360-588-8125
	Donna Mason, AP	360 595-1083
Commander Department		
Chaplain	Ruth Peterson, SN	360-293-1888
Flag Lt.	Steve Drummond	
Port Captain	Vacant	
Law Officer	Vacant	
Merit Marks	Debbie Richey, AP	360-387-1260
	Vacant	
	Vacant	
Executive Department		
Co-Op Charting	Mark Richey, SN	425-876-6274
Liaison	Debbie Richey, AP	360-387-1260
Public Relations	Kelly Libby, S	425-359-7078
Asst Public Relations	Vacant	
Radio Technical	George Brooks, SN	
Safety	George Brooks, SN	
	Bill Stewart	
Vessel Exams	Don Coleman	360 333-2962
Marketing	Donna Mason, AP	360 595-1083
Education Department		
Assistant Education Officer	Bob Miller, JN	360 588-9950
Local Board Public Boating	George Johnson, SN	360-588-8125
Local Board Advanced Grds	George Brooks, SN	360 466-3470
Local Board Elect Courses	John Bellinger, SN	360-757-8091
Administrative Department		
Boating Activities	Donna Mason, AP	360 595-1083
Rendezvous	Vacant	
Greeting	Craig Ford	360 333-5308
	Billie Ford	360 941-1956
Membership	Shani Taha	
Operations Training	Debbie Richey, AP	360-387-1260
Programs	Carolyn Caporgno	206-609-1182
Property Officer	George Johnson, SN	360-588-8125
Supply Officer	Glen Caporgno	209-484-2365
Secretary's Department		
Editor "Bitter End"	Mark Richey, SN	425-876-6274
Historian	George Johnson, SN	360-588-8125
Public Contact	Debbie Richey, AP	360-387-1260
Roster	Bob Miller, JN	360-588-9950
Scrapbook	Carolyn Caporgno	206-609-1182
Webmaster / IT	Kari Randall-Secrest, N	360-387-1194
Auditing Committee		
1 Yr. Chair	Vacant	
2 Yrs.	Jack Dyer	
3 Yrs.	Marlene Bellinger	
Nominating Committee		
1 Yr. Chair	George Johnson, SN	360-588-8125
2 Yrs.	Donna Mason, AP	360 595-1083
3 Yrs.	Vacant	
Rules Committee		
1 Yr. Chair	John Bellinger, SN	360-757-8091
2 Yrs.	Donna Mason, AP	
3 Yrs.	Vacant	

Please note the vacancies. You don't need an advanced grade. Every little bit helps. Pick something you think you can do and help out. If you don't know what a spot does, ask the chair.
If you don't show a phone number and want it to show, please let us know.