



The Wake Astern

February 2016 **Monthly Newsletter** Vol. 77 No. 2



United States Power Squadrons®



Cdr Jackie Mattox, AP

COMMANDER



2016 Is another year for improving Tacoma Power Squadron (TPS): I know this is the February issue but it is January as I am writing this. We have some good things coming up this year and hope you will join us. February 6 is the Copperline Land Ren-We also have more dezvous. destinations planned for this year.

We haven't been to Jarrell's Cove before and we haven't been to Brownsville for a while. Hopefully you will be joining us on more of the rendezvous. It is a great time to socialize and get to know your fellow TPS members. In March, TPS is hosting the District 16 Spring Conference. April is Daffodil and Jon and Sharon Everett have volunteered to provide the flag ship for the parade. Ted & Margaret Reyhner have hosted us on their boat at Daffodil for two years and are now going to be travelling a lot more. Thank you Ted and Margaret.

SPRING CONFERENCE March 18-20 2016: TPS is hosting the District 16 Spring Conference. Our P/C Christine Rasmussen, SN will be sworn in as District Commander. We need some volunteers to help with the final preparations. We are also asking for donations to make raffle baskets to help with expenses and maybe add to our squadron funds. So sign up to attend and support Christine and TPS. The registration form is in this issue of The Wake Astern.

Land rendezvous will be February 6th, 2016. Mark your calendar to attend. This was a big success last year. Look for details in this copy of the Wake Astern.

NEW MEMBERS: We are working on building our squadron. If you know anyone who would like to join us, please let me know. When you see a new face at the meetings, please make them feel welcome so they know what a great group of people make up the Tacoma Power Squadron.

STILL TRYING TO FILL IMPORTANT POSITIONS:

Our nomination committee met to review your suggestions. We are still trying to fill the positions. Please think about what you could do to keep our squadron going. You could possibly share a position so that the time requirement would be less. These are some of the positions that still need to be filled:

Administrative Officer, Executive Officer, Secretary, Board members, Audit committee, Web Master, Property Officer, Coop charting, Boat Show Chairman, Rules Committee, Program chairman, Commencement Bay.

We had 52 members who earned a merit mark in 2015. Thank you so much for volunteering. However we really need to fill the elected positions.

Boating terms: Through-the-hull fitting - A through-hull fitting through which the rudderpost or the propeller shaft rotates, so constructed with pipe joints and greased rope to allow free movement yet keep seawater out. – OR – A leak.



Come for the Boating Education...Stay for the Friendssm

Call to Meeting

General Meeting February 23rd, 2016 (1830 - 2030) **Day Island Yacht Club University Place** ****

Executive Board Meeting February 9th, 2016 (1900-2100) The Copperline Apartments 5005 Main Street, Tacoma

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Tacoma Power Squadron





BRIDGE OFFICERS

Commander

Cdr Jackie Mattox, AP (253) 732-2264

Executive Officer

Lt/C Lance Williamson, P (253) 312-1371

Administrative Officer

Vacant

Educational Officers P/D/C Otto Rasmussen, SN, CN (253) 537-3838 P/Lt/C Sandy Carroll, SN

(360) 683-7577

Secretary

P/C Larry Warren, AP (360) 897-8692

Treasurer

Lt/C Jon Everett, AP (253) 661-2857

EXECUTIVE BOARD

Lt Constance Thompson, AP Lt Kay Hafterson, P Lt Richard Mattox, AP Lt Jim Jackson Lt Karen Jackson Vacant

BOATING ACTIVITIES CHAIRMAN

Lt Becky Arrington, S 253-564-4011 Home 253-381-6226 Cell beckyarrington@cbbain.com

Co-Chm Lt Cindy Warren, AP 360-897-8692 Home l.m.warren-1@hotmail.com

The Wake Astern

Editor: Lt Richard Mattox, AP (253) 581-1732 ricque0602@comcast.net

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P/C Tim Craig, P, Stores Linda Craig, S, Clothing (253) 536-1222 tlc861@comcast.net

TPS WEBSITE

www.tacomapowerandsailsquadron.org

D/16 WEBSITE

www.uspsd16.org

EXECUTIVE DEPARTMENT

he past few months have been slow boating months for the Williamson household. Too little time. Lousy weather. Unfavorable tides. You know the drill. However, just because it is slow boating weather does not mean that boating stops. We have been using that time to do some maintenance and upkeep on *Prequel*. We used the new GoPro to check out the status of the zincs and found it is time for them to be changed. The dinghy was feeling a little



Lt/C Lance Williamson, P Executive Officer

"deflated" so we pumped it up a bit. Tools and spare parts are now (semi) organized in new bags. The boat is gradually getting ready to head back out on the water!

On the Power Squadron front the process of filling next year's bridge is moving along slowly. We desperately need someone for Executive Officer, Administrative Officer and Secretary. I would be more than glad to speak with any of you about one or all of those positions. Please consider serving in one of the position on the bridge.

The Seattle Boat Show is just around the corner. Get your shopping list ready.

The Tacoma Yacht Club's Daffodil Festival and boat parade will be held on April 15-17, 2016. Jon and Sharon Everett will provide their boat for our entry in the parade. The boat will be beautifully decorated by talented TPS members and friends. Now is your opportunity to have your boat look her very best! If interested, contact Commander Jackie or me.

The Tacoma Power Squadron will be hosting the District 16 spring conference and Change of Watch on March 18-20, 2016. Our own Christine Rasmussen will be sworn in as Commander of District 16! Way to go Christine!! Hosting a District conference is no small feat. Most all of us will be needed to pitch in to pull it off. There will be opportunities to sign-up to help out at January and February general meetings. The host squadron provides some "gift baskets" that are to be raffled off. Items for each basket are to be donated by the squadron members. The themes for the gift baskets are: a chocolate basket, a crabbing basket, a gardening basket and an activities basket (would contain games, munchies, movie tickets, etc). Please consider contributing something to the one or more of the gift baskets. Donated items can be brought to the general meetings or the land rendezvous at Copperline on February 6th.

That's all for now folks. See you on the water!

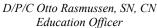




Closing date for articles is the twelfth (12th) day of each month. Please direct all articles to the Editor. E-mail to: ricque0602@comcast.net, Mail to: 5005 Main Street, Apt # 714, 98407. Telephone: (253) 581-1732. Please submit member address and other data changes to the Squadron Secretary.

United States Power Squadrons®









P/Lt/C Sandy Carroll, SN Education Officer

Happy New Year to all. Hope everyone had a great holiday season.

We are still awaiting the results of the exams taken by our members in December. After talking with USPS Headquarters in early January, I expect results by mid January. Hopefully we can announce the good news at the January 26th General Meeting. Many Squadrons wind up courses just prior to the holidays with exams being sent in. This causes a backlog in their grading efforts, which Headquarters must deal with. It's the holiday season for those folks as well.

At this point Lt Brenda Willamson, P has an ABC class set up at Point Defiance boat house facility beginning on Wednesday May 4th and running for 5 weeks including the exam.

We have some members who expressed interest in both Piloting and Advanced Piloting. If you have an interest in either course, please contact Lt/C Sandra Carroll, SN (1-360-683-7577) or Lt/C Otto Rasmussen, SN-CN (253-537-3838) . We need a few more students in order to put a class together.

I will be going to the U.S. Power Squadron Annual Meeting in Orlando Fl in mid February. I will bring back the latest news in regard to educational subjects. There is going to be a presentation on a new Operations Training Course which they refer to as "O T in 3."

Since this is an area I have been instructing, I am looking forward to what they have put together. I'll keep you posted.

For all our members, if you have a subject or class that you would like to see put on, please give Sandra Carroll or Otto Rasmussen a call or email. We are keeping tabs on your requests so we can respond to your needs. We plan on being at the meeting February 26th. See us there, give us the word.

Cheers, Otto & Sandi

email- Otto- otto@rasmussen.mailhost.org Email- Sandi- mitch-sandi@worldnet.att.net







Tacoma Power Squadron





Environmental Report

Earthquakes

Here in the Pacific Northwest we seem to get more than our fair share of earthquakes, most of which we never feel or know that they ever happened. However, in only one month we were inundated with thousands of earthquakes of many different magnitudes.

The United States Geological Survey reported that in one month of quakes, from 12-1-2015 thru 01-01-2016 in Washington state, we had 7572 earthquakes of many different magnitudes. Most of which we never felt or knew that they even happened. But every once and awhile there is a catch.

Earthquakes Overview

Earthquakes have inspired fear and awe since beings on Earth possessed the capacity to feel these emotions. Earlier mystical explanations for earthquakes have been replaced in our rational era by natural mechanistic explanations informed by observational science.

Stresses in the rock that make the Earth are usually in a state of equilibrium--all the forces acting on a chunk of rock are balanced by opposing forces. The overall stress levels can increase slowly as the rock deforms slowly, but nothing dramatic happens, nothing accelerates. Occasionally that equilibrium is disturbed--usually because the strength of a weak spot in the rock (a "fault") is exceeded, or because someone sets off a big explosion underground.

During the temporary loss of equilibrium, the rock on either side of the fault, or around the explosion-generated cavity, accelerates until it relieves the pent-up elastic stresses, then decelerates and stops moving and equilibrium is re-established. The acceleration and deceleration of the rock, and perhaps the grinding of the rock along the fault -- all driven by the collapse of elastic strain -- generates seismic waves that radiate outward, sharing a fraction of the energy released by the rupture with the rest of the world.

The rest is just the working out of details. But oh, what fascinating details!

In this area of our web site you can explore:

- how plate tectonics works
- learn about earthquake waves
- how earthquakes are located
- how earthquakes and their impacts are measured (Magnitude and Intensity)
- and find other excellent resources to learn about and prepare for earthquakes

Earthquake Hazards Overview

Earthquake hazards include any physical phenomenon associated with an earthquake that may produce adverse effects on human activities. While they are often used as synonyms, it is useful to distinguish between "hazards" and "risk". Hazards are the natural phenomena that might impact a region, regardless of whether there is anyone around to experience them or not. Risk refers to what we stand to lose when the hazard occurs; it is what we have (Continued on Page 6)

(Environmental Rpt Continued from Page 5)

built that's threatened. Risk can be usually be measured in dollars or fatalities, Hazard is generally measured in more physical units: energy, shaking strength, depth of water inundation, etc.

Primary earthquake hazards are:

- ground shaking
- landslides
- <u>liquefaction</u>
- surface rupture

Secondary earthquake hazards are those that are caused by the primary hazards, and may often be more catastrophic:

- tsunami
- seiche
- <u>flooding</u>
- fire

Before an earthquake occurs...

- Fasten shelves securely to walls, and place heavy objects on lower shelves.
- Store breakable items in low, closed cabinets.
- Hang items such as pictures and mirrors away from beds and anywhere people sit.
- Brace hanging light fixtures.
- Repair known defective electrical wiring and gas connections.
- Strap your water heater to stude in the wall and bolt it to the floor.
- Repair any large existing cracks in walls or foundations.
- Store poisons such as pesticides and herbicides, as well as flammable liquids, on bottoms shelves of latched cabinets.
- Identify safe places in each room (under sturdy furniture, against inside walls, away from glass).
- Locate safe places outdoors (away from buildings, trees, electrical lines, and bridges).
- Teach family members how to turn off gas, electricity, and water.
- Teach children how to dial 911 in an emergency.
- Have disaster supplies on hand (flashlight and extra batteries, battery operated radio, fist aid kit with manual, emergency food and drinking water, non electric can opener, cash, sturdy shoes).
- Develop an emergency communications plan in case family members are separated.

During an earthquake (indoors)...

- Take cover beneath a sturdy piece of furniture or against an indoor wall away from glass that might break.
- Stay inside! The most dangerous thing you can do during an earthquake is to try to leave.

(Continued on Page 7)

Tacoma Power Squadron



(Environal Rpt Continued from Page 6)

During an earthquake (outdoors)...

• Move into the open, away from buildings, street lights, and overhead utility wires. Stay there until the shaking stops.

During an earthquake (in a moving vehicle)...

- Try to find a clear area away from buildings, trees, overpasses, and overhead wires.
- Stop quickly and stay in the vehicle.
- Once the shaking has stopped, proceed with caution. Bridges and ramps may have been damaged during the shaking.

Dealing with pets...

- The behavior of pets may change after an earthquake, and they may become aggressive or defensive.
- Leash dogs or keep them in a fenced area.
- Pets may not be allowed in emergency shelters, so prepare an emergency supply that includes a several day supply of dry pet food and a large water container.

After the earthquake...

- Be prepared for aftershocks. They may cause additional damage for hours to months after the main shock.
- Help injured or trapped persons within the limits of your abilities.
- Listen to a battery operated radio or television for emergency information.
- Check on the elderly and disabled, or children who may need special help.
- Stay out of damaged buildings!
- Use the telephone only for emergency calls.
- Clean up spilled materials.
- Open cabinet and closet doors cautiously.
- Inspect chimneys for damage, and be extremely careful when lighting fires in fireplaces. Chimney damage may lead to fires.
- Check utilities for damage. If you smell gas, turn off the gas and do not use electrical devices (including telephones). Stay away from broken electrical wires, and turn off the main fuse box or circuit breaker. If water pipes are damaged, do not use the toilet and avoid tap water for drinking. Use your emergency supply, and melt ice cubes for additional water.

Be safe, develop a plan for your family and prepare.

P/C Larry Warren, AP Environmental Officer

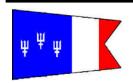


References from the United States Geological survey.





United States Power Squadrons®







P/C Phyllis J. Hayes, SN Programs Chairman

JANUARY 26, **2016**—Tarin Todd, Bay Patrol Director for Citizens for a Healthy Bay will be with us to share the 'DERELICT VESSEL PREVENTION PROGRAM'. This involves "vessels of concern" and abandoned vessels that pose a serious threat to the health of our waters.

FEBRUARY 23, 2016—Shannon Shea, Ex. Director of the TACOMA COMMUNITY BOAT BUILDERS who gives troubled youths one-on-one mentors. These troubled youths learn skills for life and boating. Shannon, knows the power of one-on-one mentoring and the importance of structure in a young person's life.

Dealing With Spam From Senior Boaters of America

Do not validate them; ignore their emails. USPS members continue to receive unsolicited and unwanted email communications from Senior Boaters of America. USPS does not endorse or support this group. If you receive an unwanted email from this group, do not respond to it. Members who have done so have received rude, harassing and threatening responses. Use your spam filter for trash like this. Do not engage them. Responding provides the sender with proof that yours is a valid email address available for further communications. Your response also provides the group with a form of validity. Ignore them the same way you would a solicitation from a Nigerian prince.

Copperline Apartments Land Rendezvous February 6th, 2016 Lt. Cindy Warren, AP

The Copperline Land Rendezvous will be happening on February 6th, 2016. The party room at Copperline Apartments is reserved from 1330 until 2100 with a great full kitchen. Richard has a multi-plug strip also. If you come early and the weather permits, take a stroll along the water walk esplanade. Visit the Asarco Copper Smelter Museum, Two Town Café, Dulce Si Italian Bakery and Café, or take in a movie at the Century Point Theater with a choice of 9 screens all located at Copperline. There will be ping pong, pool (billiards), table games, and socializing. We'll start out with appetizers until our meal at 1800. The theme for our dinner will be soups, stews, and chilies, along with salads, bread, and desserts. The Squadron will provide bowls, plates, utensils, cups, and coffee. Please decide what you would like to bring and email or call Cindy Warren.

When you arrive, please call Jackie's cell phone 253-732-2264 so we can let you in.

If you are planning to attend, please call or e-mail Cindy & Larry Warren, 360-897-8692 or Jackie & Richard Mattox, 253-581-1732 c.m.warren-7@hotmail.com or jrgeezers@comcast.net

Arabella's Rendezvous

The Tacoma Power Squadron's rendezvous at Arabella's Landing Marina, in Gig Harbor, will be held on February 19-21. We have slips for ten boats reserved. On Friday evening people are invited to go out to dinner at the Mexican restaurant across the street from the Arabella's (you buy your own dinner and drinks!). Saturday night we will have a potluck dinner at Arabella's net shed. Lance and Brenda Williamson will be the hosts for the Arabella's rendezvous. Call the marina to make your reservation (253-851-1793) and email Lance (williamson.lance@gmail.com). We will have a lot of fun at the Arabella's rendezvous so make plans now to be a part of the festivities!

Tacoma, WA 98421

253-383-0146-Ext.6

Tacoma Power Squadron



REGISTRATION FORM DISTRICT 16 SPRING COUNCIL, CONFERENCE

MARCH 18TH – 20TH 2016 LA QUINTA INN & SUITES TACOMA, WASHINGTON

Name:		Phone:		
Address:	Spous	se/ Guest Name:		
City/State/Zip:		Squadron:		
E-mail address:				
Will you be attending the District co				
Please Note: This is activity registra	tion form. There is no cha	rge for attending confe	rence meetings.	
Early Bird prices apply for reservation	ons Postmarked no later	than March 1st 2016		
Regular hotel prices apply to reserva	tions postmarked after M	arch 1st 2016 (space ava	ailable)	
Activity	Early Bird	After 03/01/16	No. People	Total
Registration: Friday 1600 – 1830				
Friday Reception: 1700 – 1900				
'No host bar' & Dinner Reception	\$ 15.00	\$16.25		\$
Baked Potato Bar – Your choice				Tomatoes, Green
onion, Bacon bits, Butter & Son	ur cream. Served with a fr	esh Garden salad and a	ssorted dressings.	
Saturday Breakfast: 0700 – 0900				
Morning Starter Buffet:	\$ 18.50	Ψ17.00		\$
Assorted breakfast pastries and			d Homestyle potat	oes.
Saturday Lunch: 1200 – 1330		\$19.50		. 1
Your choice of - Chicken Caes				
Or – Ports of call Deli Sandwig				
Tomato on a soft hoagie roll, s		s34.00	Den Sandwic	h\$
Saturday Evening Banquet: 1800 - Your choice of – 'Alder Smok		· ·	wad with roacted r	ed notatoes Or
'Prime Rib of Beef' – Hand co				eu potatoes. Of
Both dinners entrees are serve				w/ strawherry
glaze. Freshly brewed coffee,			Salmon Be	
Dietary Restrictions?			Jannon De	Ψ
Total				\$
				========
Make reservations directly with La				
Ask for "United States Power Squa				
For Hotel Reservations La Quinta Inn & Suites		Payment and Conferer Make checks payable to		Conforma
1425 East 27 th Street		nail form and check to:		o Comerciale
1423 East 2/" Succi	l	man form and check to:		

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Cdr. Jackie Mattox, AP

5005 Main Street Apt. # 714 Tacoma, WA 98407-3164

February 2016



-Tacoma Power Squadron 2016 Rendezvous Schedule

February 6

Copperline Apartments
Rendezvous Cruise In

Cindy & Larry Warren 360-897-8692

February 19-21

Arabellas
10) boats
253-851-1793

Reservation cutoff FEB 11, 2016
Hosts: Lance & Brenda Williamson
Lance:253-312-1371
williamson.lance@gmail.com

March 4-6

Dock Street

8) boats

253-272-4352

Call Marina to make your Reservation
Need Hosts

April 15-17 Daffodil @ Tacoma Yacht Club

April 22-24 Des Moines

8) boats \$5 Reservation fee to Hosts

206-824-5700 Need Hosts

May 20-22 Brownsville

10) boats Gazebo reserved for 20th & 21st (\$50)

360-692-5498 Need Hosts

June 24-26 Poulsbo Becky Arrington 253-381-6226

District 16 Rendezvous See Wake Astern for sign up form

July 8-10 Jarell's Cove

No Reservations Need Hosts

August 12-14 Bell Harbor Call Marina to make yourReservation

10) boats \$5 Reservation fee to Hosts

206-787-3952 Need Hosts

September 2-5 Port Orchard Black Berry Festival at Bremerton

12) boats \$5 Reservation fee to Hosts

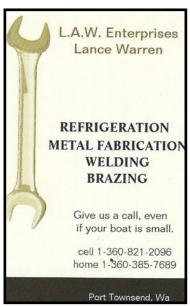
Need Hosts

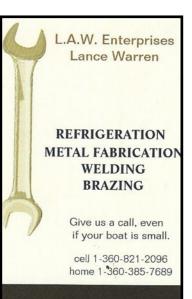
October 14-16 Longbranch

Adopt a Marina Need Hosts

Any Marina with a phone # means you must call the marina and the host or fleet captain to reserve for the weekend. Please call host if attending a rendezvous for planning purposes. Please consider hosting a rendezvous or helping to host.

Cindy Warren 360-897-8692 c.m.warren-7@hotmail.com







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	F	ebru	lary	120	16	SOMA POME
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	Copperline Apt Land Rendv
7 Super Bowl Sunday	8	9 1900 - 2100 Ex. Bd Mtg *	10	11	Deadline Wake Astern	13
14	15	16	17	18	Arabellas I	20 Rendezvous
Arabellas Rendezvous	22	23 1830 - 2030 Gen Mgt at DIYC	24	25	26	27
28	29				Copperline Aps 5005 Main S coma, WA 984	

March 2016						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
					Dock Stree	et Rendezvous
6	7	8	9	10	11	12
Dock Street Rendezvous		1900-2100 Ex. Bd Mtg *				Deadline Wake Astern
13	14	15	16	17	18	19
						ference/Council/ e of Watch
Dist 16 Conference	21	22 1830 - 2030 Gen. Mtg At DIYC	23	24	25	26
27	28	29	30	31 * C	Copperline Ap 5005 Main S coma, WA 98	artments treet 407-3164

TACOMA POWER SQUADRON P.O. BOX 45121 TACOMA WA 98448-0121

ADDRESS SERVICE REQUESTED





