



Mainsheet

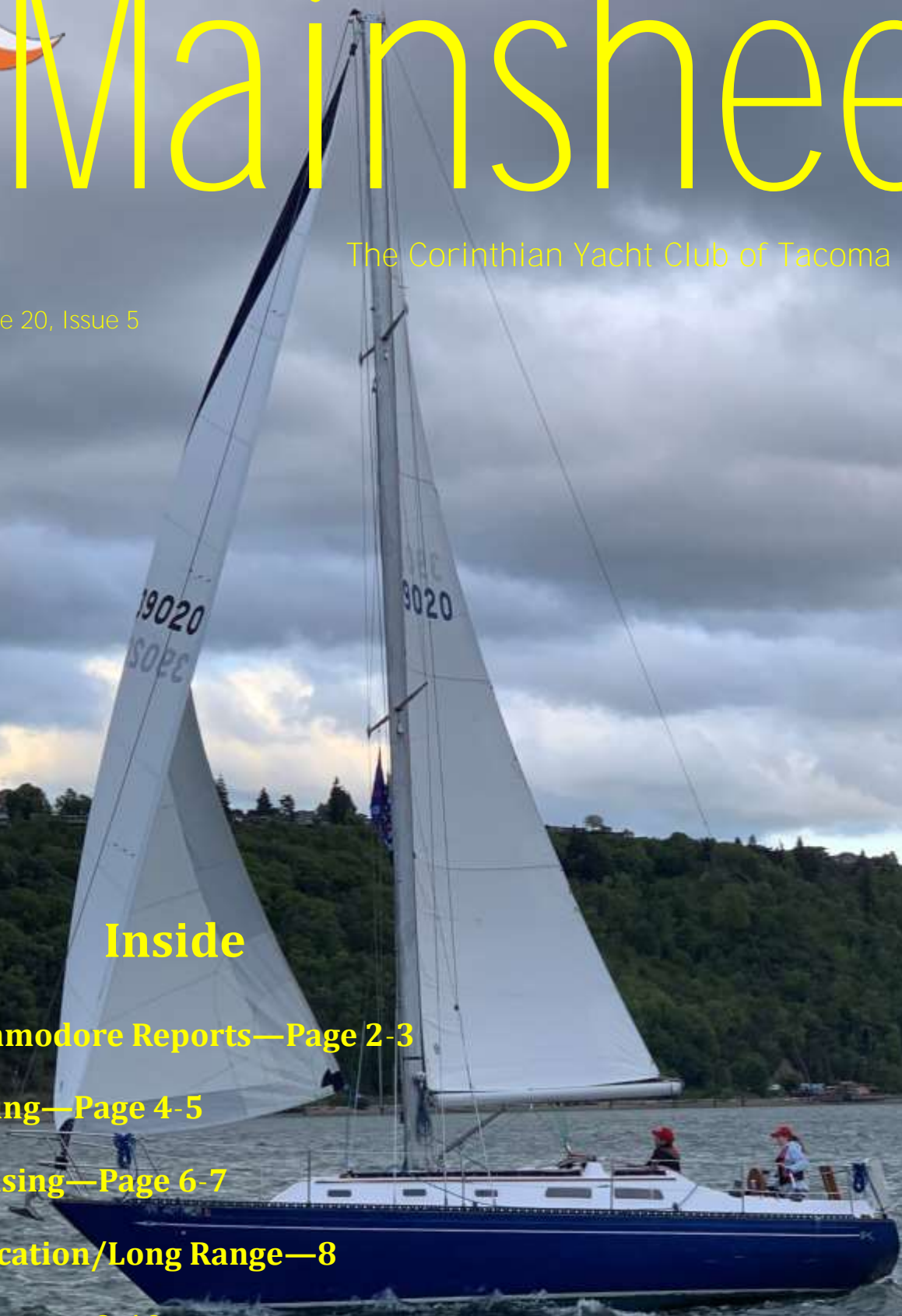
The Corinthian Yacht Club of Tacoma Newsletter

Volume 20, Issue 5

May 2020

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Commodore

When the COVID-19 Pandemic began, I don't think any of us knew what to expect or how long it would last. I am incredibly proud of the Board for stepping up to meet the challenges we are facing regarding the planned cruises, racing, and the general business functions of CYCT.

I am optimistic that we will have a summer of modified races and cruises. We will just need to be flexible and deal with the guidelines applying them as it relates to yacht club on the water activities.

I would like to thank Greg Greene for volunteering to head-up the Long Range Planning Committee. He will be doing double duty as Cruise Chair too. He is very enthusiastic and has quite a few club members interested in sharing ideas for the future of CYCT. It's important as a club to want to grow and look forward to a bright and prosperous future.

As you know, we on the Board and Committees are volunteers. The Club has many vacancies. Right now we do not have a Secretary, PHRF Director, PHRF Handicapper, Publicity or Webmaster. Come January 2021, the list will grow to include Rear Commodore, Membership, Mainsheet, and Treasurer. These are all important positions. If you would like to fill one we can sure use your help. Contact me via email, a_p_morales@msn.com. Keep practicing social distancing and wash those hands often.

Fair winds,
Angie Morales
Commodore
S/V La Gitana



Vice Commodore

What have you been up to during the Stay Home, Stay Healthy order? I have been watching a lot of sailing training videos, and have also started hosting webinars for my crew.

One important requirement I have been trying to work on with my crew was to attend a safety training with me at the boat. A safety training on a specific boat was something I first observed when I raced from Florida to Mexico. It really struck me as an incredibly valuable tool for understanding a boat I wasn't familiar with. Since most of my crew is stuck at home and Wednesdays should have been reserved for racing, I have started a webinar conversation with them. I took the Go-Pro down to the boat and went through my safety spiel! I also took the time to walk them through all of the systems on the boat that they should know how to operate.

A safety briefing is highly important, as it helps your crew understand many different facets of your individual boat - where thru hulls are located, where to find flares, the first aid kit, and other items that might be tucked away and not very easy to locate. What happens if we start taking on water, where should they look first? Since my boat is trailered, it was really easy to show where our thru-hulls are located by looking under the boat, and then showing the associated location within the boat - usually within compartments. I have also mapped out all of the potential areas of water infiltration on a diagram on the boat, so should we start listing or noticing water, my crew should know where to start looking.



(Continued on page 3)

2019 CYCT Officers & Board Members

FLAG OFFICERS

Commodore: Angie Morales
Vice Commodore: Jeremy Bush
Rear Commodore: Michael Stanford

BOARD POSITIONS

Secretary (Pro Tem): Michelle Miles
Treasurer: Bill Jenks
Membership Chair: Adrian DeLuna
Fleet Captain-Cruising: Greg Greene
Fleet Captain-Racing: Melissa Davies
Past Commodore: Janice VanRavenswaay
Crew Coordinator: Eve Engnoth
Floating Asset Chair: Kelly Bethards

STANDING COMMITTEES

Club Merchandise: Brock Van-Ravenswaay & Debbie Kimball
Mainsheet Editor: John Coyne
Sunshine: Deb McAdams
Web Site: Becky Hamm
Publicity: Vacant
Trophies: Steve Wagner
Education: Ed Pinkham
Social: Jennifer Ihlen & Debbie Kimball
Historian: Matt Thomas
Long Range Planning: Greg Greene

REPRESENTATIVES

PHRF Handicapper: Chuck Queen
PHRF Director: Eric Nelson
PIYA Rep: Eric Nelson

MAINSHEET

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Tacoma, WA 98422
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Rear Commodore

Hello everyone from my own deck here in Bonney Lake. I hope you all are self distancing, and staying healthy. We all know we can do this, not that we want to, but we must. Stay Strong wherever you might be. Hopefully the sailing for cruising, and sailing for racing will begin soon. Lots of exciting times are ahead of us once the "season" begins! But, don't we sailors race year round. So the "season" is January 1st thru December 31st, then repeat.



The club house is getting spruced up to host the summer general meetings. (June, July, and August.) This of course is based on whether or not we are still quarantined. Long awaited yes, but it will also be a joy to see all of you enjoying your very own yacht club. This summer we will have the club's gas BBQ as always for you to cook your own choice of meat. Would you like to have use of charcoal grill as well? It would be available for the summer meetings, just an added perk. You can let me know what your idea is and we can go from there.

I think it time to get the fire pit going, together we can do this and socialize and still have as much fun as possible. Remember the fire pit is for wood and paper products ONLY. I will install a cover over the fire pit to help keep the loose wood and paper on the inside, and the plastic and metals out. So that we can all do our part.

So let's stay safe out there, and get your boats ready for the up and coming sail boat races this year. Because you know it is coming, just a matter of when

Michael Stanford
Rear Commodore
S/V Lycian



Vice Commodore (continued)

Other helpful things to go through included a brief walkthrough of other systems not all crew would see - hidden roller furler on my boat; all lines and where they are located; what safety features we use (LifeSling); which cleats are meant to take a load, and which are just for line management; power systems; fire extinguisher locations; how the head works (mine is not your typical head and definitely needs directions); etc. We also watched quite a few man overboard videos and different techniques for retrieval.

We may not be able to sail, but that doesn't mean we can't learn! Take this down time to go over the lesser known parts of your boat with your crew in whatever way works for you. I hope you all continue to learn and grow with your crew, and with the club. While we may be unable to have meetings and speakers, try and keep an eye on the Facebook page. I have been posting webinars by sailmakers, and anything I find interesting to keep us engaged.

Remember, this club has many benefits - we support racing in the Tacoma area, cruises, reciprocal moorage, learning and socializing with other sailors, and it appears that our dinghy program is trying to make a resurgence. Who is down for some dinghy racing on Friday nights?!

Lastly, I know these are trying times, but we rely on our members to help this club run. If you see something you don't like, let us know and help us get the club headed in a direction you want. Do you want to make a difference, volunteer! Join our Long-range planning committee! Help out with the website, recruit new members, help find great speakers, but at a minimum, be involved.

Jeremy Bush
Vice Commodore
R/V Goes to Eleven

HOME BOAT REPAIR RULE #1:
MURPHY'S LAW always WINS

FREE
2015 Waggoner
Cruising
Guide!

**Leak proof seals—will.
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Instead, let Gold Star Marine
repair your boat. We'll even
throw in a FREE copy of the
2015 Waggoner Cruising Guide.

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Gardyloo Consulting LLC

Eric Nelson - Manager
253-380-3947 gardyconsult@gmail.com

Residential and Commercial New and Renovation Work
Construction Management and Estimating, Constructability Reviews,
Site Planning, Work Scope Development
Erosion and Sediment Control Design, Review, and Monitoring



Racing

Still waiting to hear from the USCG with the new federal and state guidelines, so we are going to go week to week on Windseekers. There will be no racing May 6th, and fingers crossed for May 13th. I plan to spend this time with boating being opened up to prep for the rest of the season and knock some of the cobwebs off. Big Thank you to Vice Commodore Jeremy Bush for posting all the opportunities to participate and watch webinars/videos to beef up racing/sailing skills and learn new things. There are so many of them, and most of them have been free. I think its a great way to utilize this time.



While there have been a lot of races cancelled this year, not all of them have been yet. I continue to have hope that we will be out racing soon, in the meantime - you know the saying - if two sailboats see each other on the water its a race. See you out on the water.

Cheers,
Melissa

Miss Mayhem! - San Juan 24 #422
(206) 280-0987

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Corinthian Yacht Club of Tacoma 2020 Race Calendar— PRELIMINARY

<u>Date</u>	<u>Race</u>
1/25/2020	Harbor Series #1
2/8/2020	Harbor Series #2
2/22/2020	Harbor Series #3
4/4/2020	Spring Single / Double Handed Race
4/4/2020	CYCT Race Seminar—Early Evening
4/15/2020	Spring Series #1
4/22/2020	Spring Series #2
4/29/2020	Spring Series #3
5/6/2020	Spring Series #4
5/13/2020	Spring Series #5
5/20/2020	Late Spring Series #1
5/27/2020	Late Spring Series #2
6/3/2020	Late Spring Series #3
6/10/2020	Late Spring Series #4
6/13/2020	Three Hour Tour #1
6/17/2020	Late Spring Series #5
6/24/2020	Summer Series #1
7/1/2020	Summer Series #2
7/8/2020	Summer Series #3
7/15/2020	Summer Series #4
7/22/2020	Summer Series #5
7/25/2020	Three Hour Tour #2
7/29/2020	Late Summer Series #1
8/5/2020	Late Summer Series #2
8/12/2020	Late Summer Series #3
8/15/2020	Three Hour Tour #3
8/19/2020	Late Summer Series #4
8/22/2020	Vashon Challenge
8/26/2020	Late Summer Series #5
8/29/2020	CYCT Awards Race
9/12/2020	Point Series #1
9/19/2020	Pink Boat Regatta - Tacoma
9/26/2020	Point Series #2
10/10/2020	Memorial Single Hand
10/24/2020	Point Series #3
11/7/2020	Point Series #4



Cruising

Joe: "I still have a problem. I have a brain cloud."

Patricia: "A brain cloud... what is a brain cloud?"

Joe: "It's - well, maybe I should get a second opinion."

Patricia: "You didn't get a second opinion on something called a brain cloud? I mean what are you, a hypochondriac?"

Joe vs. the Volcano



Well, here we are, at least, a month and half later (depending on when you started counting, and it seems that when it comes to second opinions about the COVID-19, that everyone has a second opinion; myself included, but I'll spare you mine. But, I will tell you this, Joe vs. the Volcano movie still cracks me up, and lately I have been feeling a lot like Joe Banks. I am ready to bust out of my home office and hit the sound with an honest to God adventure. How about you all?

But slow down there Joe, we still got this 'brain cloud' to deal with. When it comes to cruising, not much has changed on the schedule from last month. All May events are still cancelled. The June Gig Harbor Cruise is up in the air still. Word has it that the Gig Harbor Maritime Festival has been cancelled, but that doesn't mean we still can't go there and drop a hook or two. So, stay tuned to Facebook and the CYCT website and we will keep updates as we get them.

"Joe, nobody knows anything. We'll take this leap and we'll see. We'll jump and we'll see. That's life!" - Patricia Graynamore

Keep calm and sail on,

Remember, Check Facebook and CYCT.com for updates.

Keep calm and sail on,

Greg Greene
Cruising Fleet Captain
S/V Whisper
cruising@cyct.com

Send us your Cruising Pics... we want to see you out and about!

Mainsheet@cyct.com

CYCT 2020 Cruising Schedule

Dates	Theme	Location	Host(s)
April 18-19	Daffodil Marine Festival	Tacoma Yacht Club	Rich & Angie Morales (Flagship: SV La Gitana)
April 18	Daffodil Day Sail	The Foss Waterway Seaport Dock	No Host - Watch the Parade and then go sailing
May 2-3	Opening Day "Rock Around the Deck"	Seattle Yacht Club	Ken & Karen Walker (MV Tehilla) Co-Hosts: Greg Greene, Eve Engnoth, Rebekah Foelker
May 23-25	Memorial Day	Penrose Point	Clay & Shari Anderson (SV Namaste)
Cancelled			
May 29-31	FYC/CYCT Sail Rally	Wollochet Bay	Co-hosted with Tacoma Yacht Club Jeremy Bush (SV Goes to Eleven)
Cancelled			
June 5-7 Stay Tuned	Gig Harbor Raft-up	Gig Harbor	Brock & Janice VanRavenswaay (SV Tatoosh), & Tim Garchow (SV Odin)
June 27	CYCT Day Sail	The Foss Waterway Seaport Dock	No host / BYOB
July 4-5	Fourth of July	Quartermaster 7/4	No host / BYOB
July 18	CYCT Day Sail	The Foss Waterway Seaport Dock	No host / BYOB
August 7-8	Hillbilly Barbeque	Longbranch	Ed & Sue Pinkham (SV Jeopardy)
August 22	CYCT Day Sail	The Foss Waterway Seaport Dock	No host / BYOB
Sep 5 - 7	Labor Day Weekend		Tom & Jennifer Tenney
Sep-12	CYCT Day Sail	The Foss Waterway Seaport Dock	No host / BYOB
Sep-12	Pink Boat Regatta SEA	Elliott Bay Marina	
Sep-19	Pink Boat Regatta TAC	Tacoma	
Oct-03	CYCT Day Sail	The Foss Waterway Seaport Dock	No host / BYOB
October 3	CYCT Day Sail	Foss Waterway Sea- port Dock	
November 20-22	LeMans Race / Clam Chowder Cook-off	Arabella's Landing Gig Harbor	Gary & Joy Ballentine (SV Raven)



Long Range Planning



Education!

In case you haven't been paying attention to current events, we just had our first 2020 Long Range Planning Committee!

Many thanks to all those who attended: Commodore Angie Morales, Vice Commodore Jeremy Bush, Rear Commodore Michael Stanford, Past Commodores: Don Kimball & Gary Ballentine, Don and Debbie McAdams, Kelly Bethards, Chuck Queen, Eve Engnoth, Rebekah Foelker, David Gallimore, and Greg Greene.

We met on-line and this discussion was lively and very positive. The meeting agenda included:

- The purpose and mission of the LRPC
- Dinghy Dock - How can we right the ship?
- Where is the best place to have future meetings?
- Tye Marina - Should we stay or should we go?
 - What are our other location choices for consideration? If we stay, how can we improve the current location?

Our next meeting will be held on-line on Monday, May 4th at 7 pm. If you have any interest in joining this committee, please contact me via email.

Greg Greene

Long Range Planning Committee Chair
greggreene.lcm@gmail.com

I sure hope the restrictions on gatherings is lifted so we can all go sailing. It looks like maybe in May. I don't really have educational programs planned since we are not able to assemble in groups. I am trying to be patient and safe, but I admit I have gone sailing twice, and aboard Jeopardy once a week. I am not sure this essential travel but it sure helps my mental health. Some things to think about when we get back to our boats.

1. If yours is like mine, it hasn't left the dock for a few months. So don't think everything is great and your boat is ready to go. Check your boat again and make sure everything works.
2. Your engine hasn't been run for a while. Check the fluids and change the oil. When you start your engine watch for cooling water in the exhaust. Maybe it's time to replace the impeller. Do you have a spare on board.
3. Clean up and get rid of the old food and gear you don't need. Check over your rigging - running and standing. Lubricate your blocks and cam cleats Do your winches need servicing? I always have some project I did not finish before the cold weather. I try to remember what it was, and get it done.
4. Check your PFD's and safety gear and make sure are they are working. PFD's should be tested annually. I have replaced my flares with a strobe that sends a visual SOS. How neat is that and is USCG approved?

Each month I will try to have some interesting tidbit dealing with safety and educational issues.

Ed Pinkham
Education
S/V Jeopardy



Meeting Minutes

Special Board Meeting: April 13, 2020, 7pm

Zoom Virtual Meeting

Minutes submitted by Janice VanRavenswaay

Members Present: Jeremy Bush, Bill Jenks, Greg Greene, Christine Nelson, Dan Walker, Don Kimball, Angie Morales, Chuck Queen, Eric Nelson, Don McAdams, Michael Stanford, Adrian DeLuna, Deb McAdams, Janice VanRavenswaay

Meeting called to order at 7:06 by Angie Morales

Housekeeping: Invoices were emailed April 1. To date: 21 active members have paid and 4 crew members (total income \$5510)

Missing application and payment from Terri Benz.

Missing payment from Pat Robinson

Gary Blackmore (crew) double paid last year, instead of refund he is covered for 2020

Concern for COVID-19 lockdown and impact on membership

Membership: There has been problems with tracking overall membership payments. Some problems come from lack of specific directions between treasurer and membership. The expectations between the two have shifted from 2017 and never was clarified. In addition, Paypal was added to our payment systems, which has been improved.

Adrian and Bill to continue to update lists and define their roles in regard to membership.

Discussion around moving membership dues back to January, as they were several years ago. It will require a vote by the general membership. Tabled for the moment.

We need to go back and call members who haven't sent in payment. Possible May/June board meeting agenda/activity?

Budget: Budget proposal from March 5, 2020 shared with present members. Adjustments needed to be made.

with COVID-19 lockdown, many cruises and events have been cancelled, saving money in expenses, however, all permits have been pulled for racing through May 4, which will cause a loss in income.

dinghy dock not included in proposed budget. Through discussion, it was decided to continue to pay for the dock from January through September. See notes regarding specifics below.

some line items have been removed from budget for 2020, to include cruises from Feb-May, Daffodil and Opening Day. Adjustments are in progress to lower costs for Commodore's Ball 2021 and Christmas Party 2020.

Projected income has been lowered for racing from \$6100 to \$5000 due to lack of racing at the moment. (We have collected \$3200 to date with racing fees, with 9 members who have paid for entire racing season.)

Racing: With permits pulled from USCG through April, we are unsure of when/if Windseekers racing will take place.

Could we extend our windseekers season, either by adding a few races into September, or adding Friday night? Don Kimball has volunteered to contact USCG to see if we can change the dates on existing permits as it takes 30-90 days to get the approved.

Dinghy Dock: The dinghy dock has cost the club \$3800 a year to keep afloat in Tyee. Currently, some members use it for small boat/kayak storage. We need to decide if this is a viable asset to continue to pay for.

Greg Greene and Chuck Queen has proposed we charge members for storage of the dock. Proposed costs would be \$35 a month for small boats, and \$15 a month for Kayaks. This will need to be approved by the board -just estimates only at this stage.

Chuck Queen to spearhead who currently is on the dock, and how much space is available for small boats and kayaks.

We will need to come up with a system for charging these members (we will need to make this clear to the general membership before charging)

Advertising to members: some members do not know this dock even exists.

Long Range Planning: Greg Greene has volunteered to start up a LRP committee. A call for volunteers was put out on facebook and the Mainsheet.

Current volunteers include: Greg Greene, Angie Morales, Dan Walker, Gary Ballentine, Chuck Queen, Brian White, Don McAdams, Don Kimball and Michael Stanford

Items on the agenda for the committee include:

1. Meeting Location: looking into a new space to meet for our general meetings. This may attract younger members with a "newer" space.
2. Tyee: Is Tyee the marina we want to continue to be at? How can we improve our space there? Or, is there another marina we should call home?
3. Dinghy Dock: Use of Dinghy Dock and starting up a possible Lido one design fleet

Their first committee meeting will take place April 20 at 7pm via Zoom. Please reach out to Greg Greene for an invitation if you would like to participate

Meeting adjourned: 8:55pm



Members Abroad

Keep track of our non-resident members as they live the life we only dream of!

Dennis and Becky Flannigan

S/V Kokomo



After 10 years of dreaming we are off. Follow along as we move about the globe fixing our boat in different cultures and exotic places.

<http://www.kokomosailing.com/>

Chris and Janet Wenderoth

S/V Respite



<http://www.sailblogs.com/member/respite/>

May 2020

SUN	MON	TUE	WED	THU	FRI	SAT
	ZOOM MEETING!				1	2
3	4	5	6	7	8	9
10	11 General Meeting (Check Facebook)	12	13 Spring #5 (check Facebook)	14	15	16
17	18	19	20 Late Spring #1 (check Facebook)	21	22	23
24	25 Board Meeting (Check Facebook)	26	27 Late Spring #2 (check Facebook)	28	29	30
31	ZOOM MEETING!					

June 2020

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3 Late Spring #3 (check Facebook)	4	5 Gig Harbor Raft-Up (check Facebook)	6 Gig Harbor Raft-Up (check Facebook)
7 Gig Harbor Raft-Up (check Facebook)	8 General Meeting (Check Facebook)	9	10 Late Spring #4 (check Facebook)	11	12	13 3 Hr. Tour #1 (check Facebook)
14	15	16	17 Late Spring #5 (check Facebook)	18	19	20
21	22	23	24 Summer #1 (check Facebook)	25	26	27 CYCT Day Sail (check Facebook)
28	29 Board Meeting	30				

Sunshine



We have returned from a wonderful two months in Mexico a little early due to all the travel issues with COVID-19. We are well and I hope you and yours are also.

Thank you to Jen Tenney for covering me while I was gone.

This past month I haven't heard of anyone in need of a card, but if you know of someone with good news to celebrate or not so good who needs some sunshine, reach out to me by email, text or a call.

Debbie McAdams
Sunshine Chair
S/V Red Splash
(253) 640-7429

Happy Birthday to our CYCT

Members

Bruce Blunt	May 27
Gene Brown	May 11
Neil Delisanti	May 26
Jen Ihlen	May 4
Jay Pyles	May 3
Ken Whitney	May 24



On The Cover:

**Daddy Daughter
Social Distancing**

By

**Janice Van-
Ravenswaay**

Saw it on Facebook



Jeremy Bush shared an event

Admin · Yesterday at 1:47 PM

⋮

TUE, MAY 5

Unlocking Proper Roller Reefing

Ullman Sails San Diego · San Diego, CA

★ Interested

👤👤👤 Sailor, Jeremy and 2 friends were interested

Seen by 32

👍 Like
💬 Comment

Write a comment...

😊
📎
📧
👤

Jeremy Bush shared an event

Admin · April 27 at 11:45 AM

⋮

TUE, APR 28

Unlocking Cruising to Mexico

Ullman Sails San Diego · San Diego, CA

★ Interested

👤👤 Terri and Jeremy were interested

Seen by 41

👍 Like
💬 Comment



Basic Rules

- You must be a CYCT member or sponsored by a CYCT member to post an item.
- Each month the CYCT posting member must submit their items for sale before the 25th of the month (send your post to jmainsheet@cyct.com).
- **Items must be submitted each month or they will not be reposted.**
- You are responsible to sell your item so you must include your contact information (items without contact information will not be posted).



15 Meter Spinnaker Sock, LeeSails

Unused. \$60. contact Don Kimball
(206) 793-7414 (Call or Text)

Montague Folding Bicycles. Like new condition, they fit under one of our outside seating storage lockers perfectly on our Beneteau 473. I can not find a spot for them that is easily assessable on the new boat, so they gotta go.

These are in like new condition and at \$400 for both they are less than one third the cost of new.

Call Dan Walker at 253-255-2567 for more information.





SHOVING OFF

The Heat is On

Can you stay warm? That is, maybe, the number one question that we get asked about living on a boat. “Can you stay warm?” And the short answer is “yes”. It can be a challenge. We layer clothes. We choose which area to heat at what time. But in general, yes.

La Sirena came with three air conditioning units, two of which work like a heat pump in that, they also heat. It's a pretty good heat. Output at the register is around 115F. Trouble is, in the nature of a boat, in may be 78 degrees at the ceiling and 58 degrees on the floor. The second problem, (I know I've written about this before, but in nine years of writing articles, one forgets things), the second problem is that the heat takes LOTS of power. It has to have shore power or the generator running and only one unit at a time can be used. I might be able to add a space heater if it is on low.

And that is a problem! The long-term plan does not have us tied to a dock. And it gets cold out there – even in the summer. We get by with little and big buddies – those handy, catalytic propane heaters that burn extremely clean and have nice, safe, tip over shut off. They also create a lot of moisture (that's chemistry there!) Fortunately, we use special one-pound bottles that I fill from a 20 lb. bottle, but it is a hassle.

I used to wonder why La Sirena didn't come with a better heat source until I stopped to realize, She was born and raised in the tropics! Heat was not a concern. Still, the previous owners summered her in Alaska. What did they do? I don't really know but they did use the generator daily. Whatever the reason for the previous decisions, the lovely and gracious Mrs. St. John and I have been on a quest for more heat that doesn't require lots of power.

Our number one choice for heat would be hydronic. Use diesel to heat water which is circulated throughout the boat to registers and blown into the room. It heats the entire boat on DC current burning diesel fuel which is currently cheap and has a high BTU output. Trouble is, it is about \$14,000 for the hardware alone and a week or more labor if hired out. It's expensive!

There is forced air – much easier installation. I'd probably come in at \$3-4,000 for a good unit. Downside is, my boat is big and it will probably only heat the salon. Also, both the forced air and hydronic use a lot of current. And even if that current is DC, it adds up.

So, with this conundrum, the L and G and I looked for another option. Enter Dickinson. They've made wall and floor mounted heaters for many, many years. Some burn solid fuel (read fire wood and coal), some burn propane, and some burn diesel or other fuel oils. After much hemming and hawing, lots of reading and calculating cost verses BTU, Mrs. S and I sprung for a diesel fired, Dickinson Newport heater.

Installation of the heater took a lot of measuring and planning and two weeks working every evening to install. Parts were ordered from Fisheries Supply in Seattle. Once they arrived, we did more measuring and I held the heater in various positions while Mrs. S snapped photos so we could cogitate some more. This was followed by laying out the positioning with tape.

Now it was time for the real work to begin. The heater requires a fireproof backer. We started with heavy “hardibacker”, glued and screwed to the bulkhead. Mrs. S covered this with clay tiles from Mexico. I trimmed the tile arrangement with wood, Mrs. S grouted tile and I stained and varnished, and varnished, and varnished.

The scary part came when it was time to drill the tile. I'd bought a new tile bit and tested it on an ugly, spare tile. This went off without a hitch. Bolting the heater to the wall did have a hitch – I'd bought bolts that I thought I would have to cut off because they'd be too long. They weren't! They were too short. All in all I made four trips to McClendon's for an average \$5 purchase to get the right fasteners.

With the heater positioned it was time for the biggest commitment of all. Cutting a five inch hole in my cabin roof. I measured again. Poked a hole through from inside and checked the results outside. Happy with what I found, I marked out the hole and went through three jigsaw blades cutting out. It's two inches thick! Installing the cap was pretty straight-forward, although I did have to build up an area of the deck to prevent any leaking.

I was pretty happy with the location except for one thing, the heater sat about three inches too high. How to relocate and not have four holes in the tile to plug? After a night in bed spent worrying the situation over and over, I realized that I could move the brackets on the heater and leave them where they were on the tile. More fasteners from McClendon's, some backing plates fabbed at work and a new section of straight flue pipe and “Bob's your uncle.”

Now when I wasn't working on hanging the heater, there was a second major task – plumbing fuel. La Sirena has a 600 gallon capacity so carrying enough is no issue. There is also a fuel transfer pump and a manifold allowing me to move

SHOVING OFF

The Heat is On

(Continued)

and filter fuel from any of the four tanks to another. Using boxes of details, carefully planned, and then ordered from Amazon, the fuel supply goes like this:
Pump fuel with the transfer pump, from any tank I chose, through rubber fuel line, about 15 feet to a 2-1/2 gallon, gravity feed tank located in the back of the shop.
Fuel from the gravity tank runs 25 feet plus, though another rubber fuel line, under the floor, coming out in the forward berth.
Beneath the floor in the forward berth, the rubber fuel line is transitioned to copper, which comes out through the floor and into a shut off and filter located under the desk.
Finally, a copper line from the filter goes through the bulkhead and into the heater.
There is also a copper, overflow line from the heater going to a bottle under the floor, another overflow line out of the gravity tank into another bottle, and a 12 volt power line for the low amperage flue fan.
The entire process took two weeks and another full day to troubleshoot and fix leaks. The trouble shooting is an article in itself! Suffice it to say, it is a very simple product, once you get it sorted out! Total cost was around \$1400 for the stove and flue items, \$100 for plumbing and about \$150 for the backer.
Does it work? So far, it seems to. Of course, the days have been pushing 70 degrees so we haven't had a real test. Time will tell, but for now, The Heat is On!

Ken St. John
S/V La Sirena

