



FOOT, TACK & CLEW

East Coast Sailing Association

P.O. Box 372054 • Satellite Beach, FL 32937-0054

<http://www.ecsasail.com>

BOAT/US Coop Number GA81299B

November 2018



THE OFFICIAL LOG OF THE EAST COAST SAILING ASSOCIATION

Board of Governors

Flag Officers

COMMODORE

Pat Fletcher 321 - 537 - 7394

VICE COMMODORE

Diana Cox 585 - 356 - 3704

REAR COMMODORE

Lynda Geraci 321 - 773 - 1437

SECRETARY

Joe Cloidt 321 - 952 - 4154

TREASURER

Grover Gregory 321 - 305 - 6820

Elected Governors

Don Theriault 321 - 254 - 4624

John Geraci 321 - 773 - 1437

Steve Lambert 774 - 618 - 0078

Committees

ADVERTISING

Diana Cox 585 - 356 - 3704

PUBLICITY

Diana Cox 585 - 356 - 3704

HOSPITALITY

Sharon Hicks 321 - 537 - 1044

MEMBERSHIP

Jennifer Clendinen 321 - 632 - 2799

NEWSLETTER

Nancy Keane 612 - 481 - 6285

Carmen Camp 407 - 620 - 5811

PROGRAMS

Page Proffitt 321 - 806 - 0303

DIRECTORY

Bob Wiley 321 - 773 - 4613

WEBSITE

John Boyd 321 - 720 - 9813

CRUISING FLEET

Lynda Geraci 321 - 773 - 1437

Next General Membership Meeting
Wednesday, November 14, 2018 @ 7pm

***This Month's Presentation will
be announced via email blast***

Satellite Beach Civic Center, 565 Cassia Blvd
Latitude 28° 10.30' N, Longitude 80° 36.28' W

NOVEMBER Calendar of Local Sailing Events

4	MYC	Rum Race
17-18	ECSA	Rotary Park Cruise
18	MYC	Rum Race
25	MYC	Small Boat Sunday

DECEMBER Calendar of Local Sailing Events

1	MYC	Mermaid Regatta
2	MYC	Rum Race
9	MYC	Small Boat Sunday
15	ECSA	Boat Parade Cruise
16	MYC	Rum Race
30	MYC	Rum Race

Foot, Tack & Clew is the official newsletter of the East Coast Sailing Association and is mailed to the membership each month or available at <http://www.ecsasail.com>.

The opinions expressed herein are those of the authors and not necessarily those of the East Coast Sailing Association.



THOUGHTS FROM YOUR COMMODORE

Pat Fletcher

This year has just sailed right on by!!

We have had some good times! Starting the year out with a Marker 21 cruise, then Melbourne Harbor for St. Patrick's Day, Squid Lips for the air show, Memorial Cruise to the cape, Grills for the Summer Sailstice, Cocoa Village for the 4th, Captain Katanna's in August, Labor Day in Fort Pierce, and we just did Squid Lips for October!! With just a few events left to finish out the year. We have the Gam Nov 9-11; Joe Coleman is handling this event and I know he sure could use some extra help so please give him a call and come join in on the fun!!

Let's not forget Rotary Park, November 17 & 18, this is always a fun event so come by boat or car, just don't miss it! This year will be a pirate theme so play dress up if you would like. The Christmas boat parade will be on December 15. It's been a very long time since I've been to one of these, I'm really looking forward to it. And there you have it, 2018, in a nut shell!!

I have to tell you that before this year, we have been very absent from the sailing scene, our kids used to say our sailboat was just a lawn ornament, that's all changed this year, we dusted her off and got back on the water. We did all these events this year, made some new friends and hoping to do more in 2019!!

Maybe we need a 2019 challenge!!!! Let's start the year with the Banquet on January 5, 2019 (so buy your tickets early) This event will be held at the Tides. And then let's spend the rest of the year on the water. Remember the more active you are the healthier you are!!

*Commodore
Pat*



VIEW FROM THE VICE COMMODORE

Diana Cox

Here we are again,

This is the time of year when we try to remember to be thankful. Our first settlers came over on a boat to discover this wonderful country that we live in. It was fresh and beautiful with bountiful forests, beaches and rivers teeming with fish. When I am out on my boat, whether it be the sail boat or a kayak, I sometime think of what it was like back then. Instead of looking into the distance and seeing houses and cars it must have been wonderful to see trees and beaches.

I recently saw pictures of Merritt Island and the coastline prior to the housing boom that covered it. I cannot believe that I could see the ground beneath the water. In such a small amount of time we have destroyed the area. I am hopeful that our citizens are making progress to make changes and clean this area. I feel guilty that I have yet to get involved somehow. As you know, my schedule has been crazy but I am confident there is a way I can do something on my time schedule to help. So, in closing, I am thankful for where I live and the opportunity to have a sailboat to enjoy the river. Thanks to all those who are helping to improve our waterway.

Diana Cox
Vice Commodore





Secretary's Report

East Coast Sailing Association General Membership Meeting

October 10, 2018

Call to order: 7:05p.m. by Pat Fletcher, Commodore.

Introduction of the Board:

Commodore : Pat Fletcher
Vice Commodore: Diana Cox (NP)
Rear Commodore: Lynda Geraci (NP)
Secretary: Joe Cloldt
Treasurer: Grover Gregory (NP)
Governors at Large: John Geraci (2018) NP, Don Theriault (2019), Steven Lambert (2020)
Past Commodores: Nancy Knobbs (NP), Joe Coleman, Page Proffitt, John Geraci (NP), Al Pappas

Commodores Opening Remarks

Pat thanked everyone for coming and also welcomed all the committee members and past commodores. She asked that those planning to attend to please sign up for Rotary Park Cruise November 17 & 18 so we can figure out how much food we need to order. This also goes for the Miami Boat Show so we can figure out when to open up the trip to other clubs. She announced that Brian from the Banana River Sail & Power Squadron will talk about the Christmas Parade and John Boyd will give a presentation on a sail-training cruise he went on in the British Isles. Pat announced that in November, Sherry and Dave McCampbell will give a presentation on their worldwide cruising adventures. Don't miss this one! And don't forget January 5th is our annual banquet.

Introduction of New Members:

We have a few new members this month. Mick Hatch sails a Hunter 42, Relentless, and teaches sailing with US Sailing on the west coast. We also welcomed Gary Bergstrom and Bill Kostik who have been buddies since the 5th grade and sail on Gary's Island Packet 27.

Approve Minutes: Approved unanimously
Approve Treasurer Report: Approved unanimously

Introduction of Guests:

None

Any Old Business:

None

Any New Business:

Bruce talked about the upcoming Sebastian Inlet concert cruise and reminded members if coming by boat please donate at the donation box since you are not paying the park entrance fee. There will be a pot luck lunch Saturday at noon and pot luck breakfast Sunday morning.

Page Proffitt reminded us that the Vero Beach marine flea market was scheduled for the coming weekend. Also gave a quick rundown on the MYC fall regatta coming October 20 – 28. There are events all week so check out the MYC website for details. Page also passed out flyers and told us everyone is invited to join in on the fun.

Joe Coleman gave a pitch to members about joining the BOG and committees for 2019. He encouraged new members to join even though they feel like they are too new to the club but it always good to get some new perspectives. Joe also has sign up sheet on the table for helping out at the SSCA GAM, Nov 8th – 11th and talked about what the GAM was for our new members. The kitchen duty is serving coffee and doughnuts. The GAM gives us a free table and if you are working the table the main objective is to get new members and sell our store stuff. Sunday our table turns into a flea market table. Contact Joe if you have anything you would like to sell.

50/50 Drawing:

Karen Coleman hosted the drawing for \$25, the lucky winner was Bob Wiley who donated his winnings to the club.

Introduction of Guest Speaker:

Brian from BRSPS talked about the Christmas Boat Parade coming up in December. The parade will now run down through Mathers Bridge to the Eau Gallie Causeway past a committee boat to be judged for prizes!

John Boyd gave a presentation on his adventures aboard the Mahina Tiare III, a Hallberg-Rassy 46 sail-

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TREASURER'S REPORT

Grover Gregory

Income Statement	Report Month	Year to Date
	Sep '18	Jan '18 - Sep '18
Revenue		
50/50	\$72.97	\$222.97
Advertising	\$0.00	\$175.00
Banquet	\$0.00	\$927.19
Bus Trip	\$0.00	\$1,900.00
Donations	\$0.00	\$0.00
Member Dues	\$0.00	\$1,500.00
Merchandise	\$70.00	\$487.00
Miscellaneous	\$0.00	\$0.00
Total Revenue	\$142.97	\$5,212.16
Expenses		
Awards	\$0.00	\$0.00
Bank Svc	\$1.22	\$162.09
Banquet	\$0.00	\$2,829.27
Bus Trip	\$0.00	\$2,490.45
Cruising	\$0.00	\$190.46
Insurance	\$0.00	\$670.00
Meeting & Ofc Sup	\$0.00	\$653.88
Merchandise	\$0.00	\$0.00
Miscellaneous	\$0.00	\$181.25
Postage	\$0.00	\$122.11
Printing	\$0.00	\$725.98
Rent	\$0.00	\$378.00
Sales Tax	\$0.00	\$72.48
Sunshine	\$0.00	\$0.00
Total Expenses	\$1.22	\$8,475.97
Bank Balance		\$7,512.35
Bank Balance This Time Last Year		\$8,729.95

SECRETARY'S REPORT

Continued from page 3

training expedition around the British Isles. He even reported the sun came out once or twice.

Meeting Adjourned at 7:31p.m.

Respectfully Submitted,
Joe Cloidt
Secretary



Welcome New Member

*Mitch Hatch
Gary Bergstrom
Bill Kostik*



Hospitality



**Thank you to
Mary Ann O'Shea
for refreshments at the
October general membership
meeting**





ECSA News



Watt Was That?

Joe Cloldt



In my last article about saving energy, I talked about "Watts" and how much I saved when I switched to LED lights on my sailboat. Normally when we talk about electricity on the boat we use terms like volts, amps and amp-hours but since not everyone is tech savvy, I decided to use a term (watts) most folks are familiar with. Everyone knows a 100-watt light bulb is brighter and uses more electricity than a 60-watt bulb, even if they don't understand the science behind it. However, I did have someone at our last meeting ask me how to convert watts to amps so I thought that might be a good topic for this month's column.

Since we are discussing DC based systems, calculating watts, volts and amps is fairly simple. If you know two you can calculate the third by multiplying (x) or dividing (/). $\text{Watts} = \text{Voltage} \times \text{Amps}$, $\text{Voltage} = \text{Watts}/\text{Amps}$, $\text{Amps} = \text{Watts}/\text{Voltage}$. A quick example, a mast head anchor light is rated at 12 watts and knowing our batteries are 12V we can calculate how much current (amps) it draws. $12 \text{ watts}/12 \text{ volts} = 1 \text{ amp}$. A watt is just a common unit of measure for power and is the product of volts times amps. For us boaters, 12V is the usual voltage so that makes it easy to calculate watts and amps. For volts and amps, one way to look at them is to compare it to your house plumbing system. Volts would be like the water pressure and amps would be like how much water flows out of the spicket. And that brings us to what is an amp-hour (AH). It's a way of calculating how many amps a battery can deliver over a fixed amount of time or how many amps a device draws over time. For a battery, this is considered the capacity.

So, why is it important to know how many amps a piece of equipment uses? Knowing how much power all our electronics use helps us to determine our power budget and that can be used to figure out how big of a battery we need, it can also be used to determine how often the batteries need recharging. I'll use my boat as an example. I have two 6-volt Trojan T105 lead acid batteries set up in series to provide 12V and 225AH for the house bank with a separate battery for starting.

The data sheet for the T105 has a graph that estimates how many amps can be drawn for how long of a time. The T105 has a 225 AH capacity which means I can draw 225 amps for about 1 hour before the battery goes dead, this is unrealistic though unless you are doing arc welding. A more common scenario would be around 5 – 10 amps; refrigerator, radio, lights, etc. At a continuous 10 amps draw the graph shows the battery should last about 16.6 hours. Sounds pretty good but there are caveats; draining the battery all the way down can damage it and as the battery drains down it gets harder to get those amps out of it. The voltage starts to drop and most of your equipment will eventually stop working. A rule of thumb is to never drain your batteries down more than half way and the bottom line is you will never get all the advertised amps out of your batteries.

Using the 50% rule, my 225AH battery is more like an 110AH battery. Still sounds like a good amount of power. Now, let's figure out how many amps my system draws from the batteries every 24-hour day when at anchor. Let's start with the frig, it draws about 4.5 amps when running and let's say it runs about 30% of the time (7.2 hours out of 24 hr.) which gives us 32.4 AH ($4.5A \times 7.2 \text{ hours}$). Next is the radio, it draws about 1.5 amps so if it's on for 12 hours every day, told you I like my music, that's 18 AH. The power draw for the lights is minimal with the LED lights but figure about 3 AH including the anchor light. At this point my power draw off the batteries is 53.4 AH per day, about half of the adjusted battery capacity which gives me some margin. Just remember, every amp that comes out of the battery has to go back in during the charging cycle. When in full cruising mode I have 2 solar panels that provide 110 watts of power and in sunny weather they pretty much keep up with my power needs and I rarely have to run the engine just for charging. A quick test, how many amps do the panels produce?

So, at this point you may be asking how do I figure out how full my batteries are. Good question! The voltage of a battery varies depending on how charged up it is. The T105 battery data sheet shows that for a 100% charged battery the voltage is 12.73V, a 75% charge is about 12.43V and at 50% charge the voltage is 12.10V. If you have a hi-tech electrical system onboard is probably worth it to install a hi-tech

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Cruising News

Rotary Park Cruise November 18-19 Board of Governors

Mark your calendars and prepare to have a good time! The Rotary Park Cruise is always fun, with music, games and great company! This year we are having a Pirate theme event. We have the large pavilion reserved from 2p.m. – 9p.m.

Sail over and anchor off the beach or drive to the park, entrance at Suntree Boulevard and US-1. The gate will be open extra hours for this event.

ECSA will supply the main course. Bring your own beverage of choice and a side dish to share. **Dinner will be served at 5:30 p.m.**

Cruisers can gather in the park for a potluck breakfast on Sunday morning.



Boat Parade Party and Pot Luck

*Dave and Marcy Hutson
December 15, 1018*

Arrive at 1700 with your covered dish. We will begin the fine-dining pig-out at 1730. The boat parade begins on the north end of the Grand Canal at 1800. The parade should arrive at our latitude starting around 1830. See you then! MYC will bring a keg!

Come by boat – Bring your dink to our dock or to Simon’s dock. We are on the Grand Canal directly east of the cut-through between Tortoise Island and Samson’s Island. Simon’s dock is 2 houses north of us.

Come by car – We are at 458 Nautilus Dr. in South Waterway at the end of the cul-de-sac. You may park on the street, in our driveway, or in Simon’s driveway (457 Nautilus Dr.).

Everyone please bring a dish to share, your favorite beverage, and something to sit on. We will provide fine plastic dinnerware, cheap paper napkins, and equally cheap plastic cups. Dining at 1730 on the lawn overlooking the canal. Boat parade after dinner. Holiday sing-along after the parade. Bring your instruments and your best singing voice.

Questions? Contact Dave Hutson at 321-501-3722 or e-mail, hutson1945@gmail.com.

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power monitor that will count the amps for you. But if you have a simple system, a cheap voltmeter to

measure the battery voltage can give you a good idea on when it’s time to charge up. For you hi tech types this column probably all made sense, for you semi-tech types you may be saying “Oh, so that’s how that works!” and for you low tech types I know your eyes glazed over before you finished the first paragraph but that’s ok, it’s all good.

Don’t miss our next meeting:

Page Proffitt will be announcing via an email blast the guest speaker for this month’s presentation

On November 14th @ 7:30pm at the ECSA Membership Meeting at the Satellite Beach Civic Center.



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290 Marine Harbor Dr.
Merritt Island, FL 32952
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FAX(321)453-6342

Questions or comments? Get in touch with us at:
dkmackenzie@msn.com



MEMBER CLASSIFIED ADS

FOR SALE

8'6" Achilles inflatable dinghy with air floor and lifting rings. May not look pretty but has good personality. Asking \$350 OBO. Call Joe Coleman at 321 223 6871.

*Classified ads are **free** for ECSA members.
Send your information to:*

carmencamp@bellsouth.net



2018 ECSA Photography Contest

Get your photos together and submit them for the 2017 contest. There is no entry fee, but there is a chance for you to win a monetary prize. The rules are simple:

- You need to be an ECSA member.
- One of the boat(s) in the picture needs to be an ECSA boat.
- Fill out an entry blank and submit before the **Christmas Day deadline**.

Since so many of you have provided photos this year for posting on the club website, we know you have them. Share them with the rest of us and win \$\$\$ as a reward. Full details are available on the website:
<http://www.ecsasail.com/node/404>.

2018 PROPOSED ECSA Events Calendar

Date	Event [Contact]	Date	Event [Contact]
Nov 14	General Membership Meeting	Dec 12	General Membership Meeting—Potluck
Nov 17-18	Rotary Park - {BOG}	Dec 15	Boat Parade - {Hutson}**
Nov 24-25	Sebastian Cruise	Dec 22-23	Sebastian Cruise

** ECSA Sponsored Cruise

Check out <http://www.sail-race.com> for up-to-date racing information.



EAST COAST SAILING ASSOCIATION

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Satellite Beach FL 32937-0054

