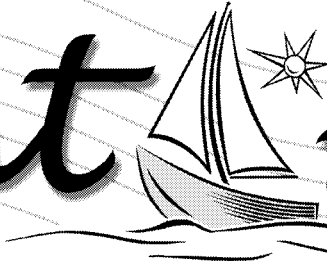


# Light Air



Monthly Newsletter of Lake Yosemite Sailing Association

November 2005

## My Boat

By Scott Foster

Over the last year I have been showcasing boats that sail on Lake Yosemite. I really enjoyed talking to owners and investigating the histories of our boats. In addition to the articles that were written I have also put together a spreadsheet based on the specifications that were gathered. The information and calculations for this spreadsheet were taken from several nautical books, online resources, and owners.

Basically what the spreadsheet shows is how waterline length, displacement, ballast, and sail area affect theoretical performance. The results can be used to categorize a boat, i.e. class it as a cruiser or a racer. I was not able to get information for all of our boats, and some specs will be different depending on sail selection and sizes used. The calculations are not all that straight forward as there are conversion factors between units and such. You can't, for instance, di-

rectly try to divide the sail area by the displacement to get the ratio. I have this in an excel spreadsheet, so if anyone is interested in a copy just email me. I also have listed a few other boat specs for comparison purposes. PHRF ratings were taken from a website source of unknown age and there are many factors that change these, so their accuracy is ques-

tionable. And lastly, I am still trying to get info on the Windrose 25, some data here was estimated, so the "racing class" category it seems to fit in might not be an accurate descriptor.

Have fun looking up your vessel and see how well the theoretic performance stacked up against your true performance on the race course this year. 8

### Sailboat Specification Calculator

Vessel	No. Cal.					Theoretic							
	PHRF Rating	LOA (feet)	LWL (Feet)	Beam (feet)	Draft (feet)	Disp. (lb)	Ballast (lb)	Sail Area (sqft)	Hull Speed Knots/MPH	Ballast/Disp Ratio (%)	SA/Disp Ratio %	Disp/LWL Ratio	
CM26	246	25.8	20.3	7.92	5.33	2400	540	247	6.0 / 6.9	22.5%	22.0	127.5	
CM30	270												
Merit 22	219	22.0	18.0	8.00	4.00	2000	600	233	5.7 / 6.5	30.0%	23.5	153.1	
Merit 25	168	24.4	20.5	8.00	4.00	2900	1050	286	6.1 / 7.0	36.2%	22.5	150.3	
Catalina 22	270	21.5	19.3	7.75	5.00	2290	550	205	5.9 / 6.8	24.0%	18.9	143.3	
Catalina 25 full keel	222	25.0	22.2	8.00	4.00	4550	1900	270	6.3 / 7.3	41.8%	15.7	185.7	
Santana 20	222	20.3	16.0	8.00	4.00	1350	550	185	5.4 / 6.2	40.7%	24.2	147.1	
Macgregor 25	222	24.9	23.0	7.92	5.67	2100	625	236	6.4 / 7.4	29.8%	23.0	77.1	
Macgregor 26C	222	25.8	23.5	7.92	6.25	2450	1200	236	6.5 / 7.5	49.0%	20.8	84.3	
Macgregor 26D	222	25.8	23.5	7.92	5.25	2850	1200	236	6.5 / 7.5	42.1%	18.8	98.0	
Macgregor 26X	222	25.8	23.0	7.80	5.50	3750	1400	281	6.4 / 7.4	37.3%	18.6	137.6	
Macgregor 26S	222	25.8	23.5	7.92	6.25	1650	1200	236	6.5 / 7.5	72.7%	27.0	56.8	
Macgregor 26M	222	25.8	23.0	7.80	5.50	2550	1450	281	6.4 / 7.4	56.9%	24.1	93.6	
Macgregor Venture 21	228	21.0	18.0	6.83	4.00	2000	550	200	5.7 / 6.5	27.5%	20.2	153.1	
Laguna Windrose 22	240	21.5	19.0	8.00	4.00	1980	900	206	5.8 / 6.7	45.5%	20.9	128.9	
Laguna Windrose 25		24.8	23.5	8.10	7.00	2600	1250	294	6.5 / 7.5	48.1%	24.9	89.4	
West Wight Potter 15		15.0	12.0	5.50	3.00	475	100	107	4.6 / 5.3	21.1%	28.1	122.7	
Sabre30	168	30.6	25.5	10.5		9400	3800	462	6.8 / 7.8	40.4%	16.6	253.1	
Melges30	36	31.8	28.5	9.8	7.0	3850	1750	643	7.2 / 8.2	45.5%	41.9	74.2	
Mariner32	174	31.8	25.7	10.0	3.7	12400	4000	468	6.8 / 7.8	32.3%	14.0	327.4	
J-105	72	35.5	29.5	11.0	6.5	7750	3400	577	7.3 / 8.4	43.9%	23.6	134.8	
Pacific Seacraft37		37.9	27.8	10.8	5.5	16000	6200	619	7.1 / 8.1	38.8%	15.6	334.3	
If Ballast/Disp ratio <35% = cruiser, if >45%= racer													
If SA / Disp ratio 10-15 = Cruiser, 16-20 =cruiser/racer, 21-23= racer, >=23 high performance racer													
If Disp / LWL ratio <125=ultralight boat, <200=very light cruiser, 200-325 =moderate disp cruiser, >325 = heavy cruiser													
The "rating" in the table is the Northern California PHRF Rating.													

## Lake Yosemite Sailing Association

PO Box 3994  
Merced, CA 95344

### Officers

#### COMMODORE

Brigitte Bowers-Loeffler  
(209) 357-7049  
brigittematt@cs.com

#### VICE COMMODORE

Tom Cooke  
(209) 385-7381  
tcooke@co.merced.ca.us

#### PAST COMMODORE

Jay Sousa  
(209) 723-1832  
jay.sousa@sbcglobal.net

#### SECRETARY

Scott Foster  
(209) 617-5889  
scott\_foster@excite.com

#### TREASURER

Amy Boehme  
(209) 726-9137  
amyboehme@sbcglobal.net

#### PORT CAPTAIN

Tim Harden  
(209) 383-2631  
timharden@mercednet.com

#### HOUSE CAPTAIN

Craig Anderson  
(209) 722-7852  
canderson@planada.k12.ca.us

#### CRUISING & SOCIAL CAPTAIN

Bill Goldfoos  
(209) 723-7150

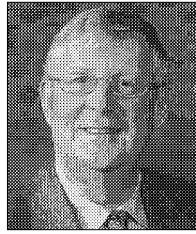
#### RACING CAPTAIN

Jim Streatly  
(209) 383-6149  
lysarace@gmail.com

### Submissions

Submission deadline is the 18th of each month. Submit to Scott Foster via:

*Mail* 2457 Shoemaker Avenue  
Merced, CA 95348  
*Email* scott\_foster@excite.com



## Short Tacks

*Tom Cooke, Vice Commodore*

In October our commodore signed a new five (5) year lease with MID.

Among the terms of the new lease is a provision to allow up to fifteen spaces for dry sailing. A committee has been formed to make a recommendation to the board as to how to administer them. Please contact either Lewis Overton, Jerry Johnson, or myself if you have some ideas about their use. There is also a sign-up sheet, for those members who are interested, posted in the clubhouse. This is a great opportunity to make Lake

Yosemite accessible to all LYSA members, it only takes a few minutes to put your boat into or pull it out of the lake. Let's not let it go to waste.

Several members assisted people in getting their boats out of the lake. I want to thank Jim Streatly, Tim Harden, and especially Billy Goldfoos for their hard work in helping to get almost all of our boats out by the deadline. As of October 19th only two small boats remained on the lake.

Our next general meeting, potluck at 6:30 and meeting at 7:00, is set for November 8th — see you there. 8



## Dollars & Cents

*Amy Boehme, Treasurer*

This month we will be working on the 2006 budget.

Both 2005 and newly elected 2006 board members will be jointly working on this. If you have any receipts to turn in for reimburse-

ment please submit them soon so we have a true picture of this year's expenses.

A note from the LYSA housekeeper (me). A SPECIAL thank you to all who have helped in keeping the house clean. As of September I am back to cleaning twice a month. 8

## November Cruising

*By Ed Dietz*

How about Catalina Island from Los Angeles — weather permitting?

### Itinerary

#### *Thursday, 11-10-05:*

Drive to LA, launch and overnight in marina, where we will join up with two lobster scuba divers.

#### *Friday, 11-11-05:*

Sail to Catalina and overnight at Avalon Harbor.

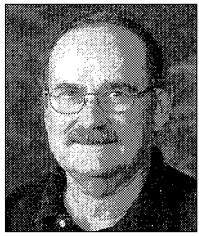
#### *Saturday, 11-12-05:*

Sail and scuba dive at Catalina and overnight at Avalon Harbor.

#### *Sunday, 11-12-05:*

Sail to LA and pull out or stay overnight and pull out Monday morning.

Give me a call! Days (209) 383-3233 or Cell (209) 628-8249. 8



# On the Wind

Jim Strelay, Racing Captain

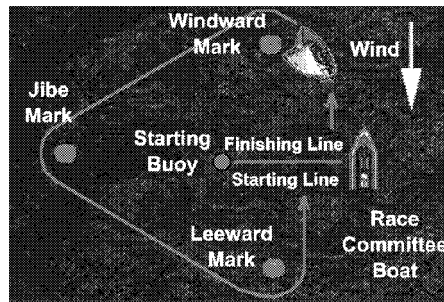
So you think you know the race rules. Here is a sampling from a test you can take online at [www.sailingcourse.com/racing\\_test.htm](http://www.sailingcourse.com/racing_test.htm). I took the test and failed with a score of 11 out of 20. Not bad for someone that doesn't sail. You should do better than I did, so give it a try.

1. When do the rules of sailboat racing start to apply? At the:

- warning signal
- lowering of the preparatory signal
- preparatory signal
- starting signal

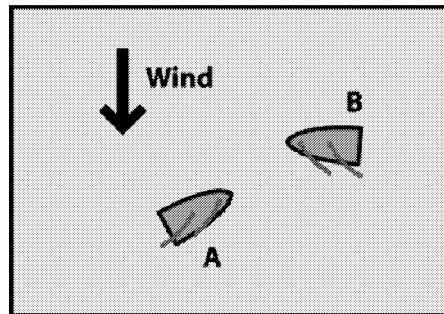
2. Which type of course does this diagram describe?

- Slalom
- Windward-Leeward
- Rhomboid
- Triangle



3. Boats A and B are on opposite tacks with Boat A sailing close-hauled with its boom on the starboard side and Boat B sailing close-hauled with its boom on the port side. Which boat must keep clear of the other and why?

- Boat A because on port tack
- Boat A because it is on starboard tack
- Boat B because it is on port tack
- Boat B because it is to windward of Boat A



"Wind is a good thing". 8

# Classifieds

## Victory Keel Boat 21'

11/05

Includes trailer and complete set of sails (jib 135 and 150). Weighs 1350 lbs. — easy to trailer. Boat was designed for the beginner. Asking \$1,800.00. Contact Ken Rockholt at [kenrock@cwo.com](mailto:kenrock@cwo.com).

## 1981 Lancer 25'

09/05

Fixed keel with tandem trailer, full set of sails plus two spinneys, bimini, 6HP Johnson, and VHF Radio. Contact Greg or Tracy at (209) 722-1113.

## 1997 Honda Motor

09/05

Recently serviced 8HP, 4 cycle, long shaft outboard. Asking \$1,000.00 or best offer. Contact Frank Rybka at [f.rybka@sbcglobal.net](mailto:f.rybka@sbcglobal.net).

*Classified advertisements are printed as a free service to members. The rate for non-members is \$5.00. Ads run for three months. Extensions must be requested. Please notify Light Air when your item sells.*

# Thanksgiving

In many parts of the world a day is set aside to give thanks. The date and customs may vary from country to country but the desire to take time to reflect on life's blessings remains the same. In the United States, Thanksgiving is celebrated on the fourth Thursday in November. It is a time for family, food, and football, and marks the unofficial beginning to the winter holiday season.

Thanksgiving, as we know it today, has come a long way from the Pilgrim's harvest festival in 1621. It is an event that seems, as each year goes by, to reinvent itself and to expand its meaning to larger vistas. Maybe this is the real significance of the occasion; for as we continue to change and grow as a people, there are an increasing number of things for which we can be thankful.

Happy Thanksgiving! 8

# Just for Fun

An old sea captain was sitting on a bench near the wharf when a young man walked up and sat down. The young man had spiked hair and each spike was a different color... green, red, orange, blue, and yellow.

After a while the young man noticed that the captain was staring at him. "What's the matter old timer, never done anything wild in your life?"

The old captain replied, "Got drunk once and married a parrot. I was just wondering if you were my son!"



# For the Record

Scott Foster,  
Secretary

## Board Minutes, 10/04/05

Meeting called to order 6:31 PM by Brigitte Loeffler. All officers present.

### Reports:

Vice Commodore — Talks regarding the lease agreement were made and it looks like we will be granted a five year lease. Rent has been increased to \$100 per month. The club may also be granted approval to park 10 to 15 boats in a designated area. There are also provisions for rent offsets when repairs are performed by the club. Our current insurance coverage is sufficient for that required by the contract. A no-smoking policy inside the buildings is also part of the contract.

Dock Captain — Water levels are dropping. Boats should be out of the water by October 16.

Cruising and Social Captain — The Monterey Bay Cruise on October 14-17 is being handled by Ed Dietz. The end of year party is being planned. Wear a costume. The event will be a potluck, Billy is cooking the meat, bring a side or dessert. The Christmas dinner party will feature prime rib and will be held at the clubhouse.

House Captain — Still need to address roof repairs and house painting. Craig to call Bob Blum and inform him of the situation and to report at next board meeting. Rich Paul has agreed to help with landscaping.

Racing Captain — Trophies for this year's race winners are being made. The search for a committee boat continues.

Secretary — SaveMart S.H.A.R.E.S. cards have been received and will be distributed. Printing of the newsletter has been delayed. Will talk to Mike and Sharon about the ability to put the handbook on the website with password access.

Treasurer — A budget meeting will be held after the new board is elected. The current budget was distributed.

### Old Business:

The commodore urged that the non-smoking policy as stated in the rental

agreement for inside areas be respected. Signs will be posted.

### New Business:

Usage of the area to be designated for boat storage was discussed. A committee was formed during the last membership meeting and solidified to include Jerry Johnson, Tom Cooke, and Lewis Overton. The committee was directed to address the following: Security, cost, use of the boat slip waiting lists, location, number of boats, seasonal or annual use, trailers, requirements for use and disposition of funds generated from rentals.

A motion to put monies collected for dry storage in a new account under the general fund as a separate line item was made and amended "to be used as deemed appropriate by the board" M/S/P.

A motion was presented to remove all of the boats in the fenced area M/S/P. Some boats have paid for storage to a certain date. The use of the area for boats that are paid up will still be allowed.

A Motion was presented to give priority of dry storage spaces to members who are currently also on the slip waiting list. After discussion the motion was amended to reflect that this be only a recommendation by the board to the dry storage committee. Motion defeated.

### Good of the Order:

Bob Blum and Gareth Krause were happily impressed with the facility and grounds at the MID event held here last week.

Ballots need to be prepared for the board elections.

Lewis Overton offered to help with next year's race committee and with Amy on monthly budget summaries.

Meeting adjourned 8:10 PM.

## Membership Minutes, 10/11/05

Meeting called to order 7:00 PM by Brigitte Loeffler. All officers present. Minutes from the October 4 board meeting were read and accepted.

### Old Business:

Discussed putting the membership handbook on the website. Sharon indicated it would not be a problem for her and Mike said he could set up a password system to allow only members access to the member contact list. The plan is to still have hard copies prepared and distributed by the end of the year party and to have it also on the website by next

# Join us for the next Membership Meeting

Tuesday, November 8th

LYSA Clubhouse

6:30 PM Potluck Social

7:00 PM Meeting

*Bring a dish to share  
and your favorite beverage.*

year.

Craig has asked Tom Cooke to speak with the county regarding the repairs to the house. Tom will talk to them when the timing is right.

Ed Dietz said only two boats were planning on going to Monterey. He plans to get fliers out to see if more are interested.

Brigitte mentioned that board elections will be held at the October end of year party if you want to be on the ballot see Scott. There will be an area for write in candidates.

Tom reported that the lease for the house has been signed. The lease is for a five year period. It allows 15 parking spaces for boats. The rent has been increased to \$100 per month.

The parking spaces allotted for boats will be provided after a committee has ironed out all the details. If you have input to how you think the spaces should be managed please talk to Tom or send him an email. There will be a waiting list established as with water slips. If you are interested in a parking space you must put your name on the wait list. It is now posted at the clubhouse. If you can't get your name on the list at the house contact Tom Cooke.

Craig indicated Peter Padilla has an 18' wooden sailboat with a trailer he would like to discard. If any one is interested it is free. See Craig.

Meeting adjourned 7:30 PM.

*(This is a summary of the minutes.  
For the complete minutes see Minutes  
Book) 8*

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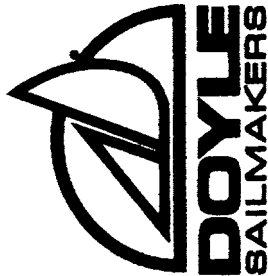
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Fax (209) 383-0311

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559.665.1400 phone  
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*Change Service Requested*

## Visit Our Website

*For detailed information regarding our association and last minute updates we invite you to visit our Website.*

**lakeyosemitesailing.org**

## Upcoming Events

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**November 04**  
Board Meeting

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**November 10-12**  
Catalina Island Cruise

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**November 11**  
General Membership Meeting and Potluck (deadline for Race Committee Boat Purchase ballots)

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**December 03**  
Christmas Party

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**December 06**  
Board Meeting

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**December 13**  
General Membership Meeting and Potluck

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