

PHRF San Diego
PHRF Southern California – Area G
P O Box 6748
San Diego, CA 92166
www.phrfsandigeo.org

Agenda for the Regular Board Meeting Tuesday, February 12, 2019 - 1800/6:00PM at SWYC

- PHRF San Diego Business Meeting
- 1800: Call to Order
- Roll Call:
- Additional attendees:
- Confirm Quorum – *A quorum is constituted by the presence of 50% (5 of 10) of the filled positions of Fleet Officers.*
- Read & approve Minutes from previous meeting and Agenda for tonight (both posted to web site)
- Treasurer's report:
- RATIFY E-VOTES - NONE
- OLD BUSINESS - NONE
- NEW BUSINESS
 - Motion – PHRF SD will pay the membership fee to join PHRF SoCal for those members chosen to be the Area G Handicap Board.
 - From the Fleet Chairman - I'd like to discuss at the next board meeting the PF formula. First, we need to correct it to reflect headsail LP in feet vs. percent. Second, in the absence of class breaks we need to decide what the intended use by OAs (which largely means CRA). If the goal is to

separate the class 2 boats between from sports boats we need to adjust the threshold number. See additional information about this below.

- Annual Meeting – shall we again combine with CRA – they are looking at Portuguese Hall on Monday 12/9/19.

- STANDING REPORTS
 - Fleet Chairman:
 - Vice Chairman:
 - Chief Handicapper/Assistant Chief Handicapper:
 - Fleet Secretary:
 - Roster Secretary:
 - Data Systems Officer:
 - Fleet Scorer:
 - Public Relations:
 - Treasurer:
 - Past Fleet Chairman:

- Next Meeting: March 12, 2019

- Adjourn PHRF San Diego Business Meeting

- 1900 HANDICAPPING BUSINESS MEETING

- Call to Order

- Additional attendees:

- Handicappers:

- Confirm Quorum – *A quorum is constituted by the presence of a quorum of the Executive Board plus representation by a minimum of 3 SDAYC member clubs and a minimum of 3 of the current classes. The Fleet Executive Board can be counted for the purpose of ensuring representation of either the 3 SDAYC member clubs or the 3 classes.*

- RATIFY E-VOTES - NONE

- TEMPORARY RATINGS ABOUT TO EXPIRE - *A Temporary Rating may be provided by*

Chief handicapper in the event a handicap is requested to race in an upcoming race which will take place before a meeting, and the board is unable to vote on the rating (Prior to race). The request should be email approved or voted on at next board meeting to make permanent. In the event at a board meeting where an owner has submitted an application, fees are paid, but the Board believes it does not have sufficient data or information to accurately rate a boat, a Temporary rating may be provided with the understanding the owner should submit race results during the three months to show data, to verify the Temporary Rating. Temporary rating may be adjusted after review of results. In the event the data is not provided the temporary rating will be considered expired at the end of 120 days. A new complete application (Minus Fees) will need to be presented to board to have the boat considered again for a PHRF certificate. The Chief Handicapper may, at his or her discretion, renew the Temporary Rating twice.

J boats 121 No water ballast 02/11/19	Riva		24
J Boats 122 62222 02/12/19	Artie	33	30
Dehler 34 03/11/19	Komet	135	135
Dencho Marine kernan 44 04/08/19	Volpe	-21	-27
M-Boats Soto 40 04/08/19	Zero Gravity	-3	-9
Left Coast Dart 04/11/19	Patriot	120	111

- RATING REVIEW

- Nereid, 28590, C&C 115 – Chief Handicapper suggests taking another look – *action item for Chief Handicapper to bring us more info at February meeting*

NEW BOATS – NONE - 1. Application received by Roster Secretary at least 7 days before meeting. 2. Application complete. 3. Sail number properly obtained from U S Sailing or regionally from SCYA. 4. Dues paid 5. If the yacht is also certified by PHRF SoCal then PHRF SD will also submit to PHRF SoCal an Area G rating.

- Scenic, 7096, Santa Cruz 33 – New owner no other changes – Chief Handicapper assigned a temporary rating of 99/99/99 – sail number valid - not listed with PHRF

SoCal

- Syrena, 46409, B32 – application has no SPL measurement shown – sail number is not valid according to SCYA and U S Sailing – not listed with PHRF SoCa.
- Elusive, 7005, Beneteau First 33.7 – valid sail number - not listed with PHRF SoCal
- OLD BOATS
- B'Quest, 43513, Tripp 40 – Owner submitted some corrections on dimensions – see additional information below.
- Next Meeting: Regular meeting March 12, 2019
- Adjourn Handicapping Meeting
- AREA G BUSINESS MEETING
- Call to Order
- Roll Call:
- Confirm Quorum – *A majority of the Area Board members are required to form a quorum and to conduct business. All official actions of the Area Board which concern Ratings or Rating Reviews shall be conducted pursuant to Rules 1.5 and 4.5 of the Rules. All other official actions of the Area Board require a majority vote by the members who are present, provided there is a quorum at the time of the vote. Members: Ivan Batanov, David Cattle, Lani Spund, and Mark Burrows*
- OLD BUSINESS - NONE
- NEW BUSINESS
- **Action by PHRF SoCal may require review by Area G**
 1. **VOLPE (USA55544) – KERNAN44M** - See additional information about this below.

2. JENNIFER K - See additional information about this below. By email from David Cattle - I approve. By email from Ivan Batanov - This looks good to me. +3 for furling headsail, +2 for dacron

- Next Meeting: Regular meeting March 12, 2019
- Adjourn Area G Meeting
- Additional Information about PF.

From Ivan: All-

I'd like to bring several topics to light here:

- the correctness of the PF formula, given LP in feet, the jib sail area is:

$$\text{NEW SA Formula} = (0.5 * \text{LP} * \sqrt{I^2 + J^2} * 0.52) + ((\text{ISP} * \text{SPL}) * 0.66) + (\text{P} * \text{E}) / 2$$

I'd be happy to explain the geometry behind that

- the PF threshold

- the entire rationale behind the "Performance Factor".

the area of the jib is:

$$I * J * \text{LP in \%}$$

2

The LP in % = LP in ft / LP in feet for 100%

LP 100% = 2 * A / b where A is the area of the fore triangle and b is the length of the hypotenuse.

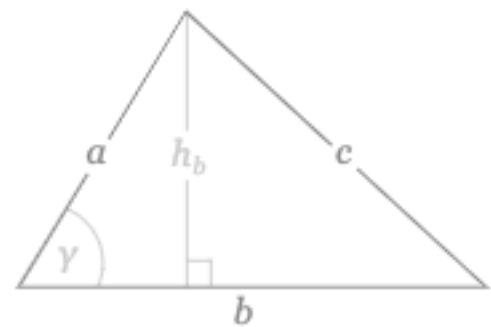
Triangle

Solve for height ▾

$$h_b = 2 \frac{A}{b}$$

b Base

A Area



$$A = (I*J/2)$$

$$b = \text{sqrt}(I^2+J^2)$$

when you reduce the entire thing you get the formula I sent

- Additional Information about Volpe
 2. VOLPE (USA55544) – KERNAN44M – INITIAL RATING REVIEW/1ST READING
 3. Les Linkogle (Not in attendance)
 4. (Rec'd 8/27/18)
 5. 8/28/18 – Sent to CH
- o 1/16/19 MOTION /-39/-42/-45/S/P
- Additional Information about JENNIFER K

-----Original Message-----

From: admin@phrfsocal.org [mailto:admin@phrfsocal.org]

Sent: Saturday, January 19, 2019 7:22 AM

To: fleetoffice@phrfsocal.org; phrfddata@gmail.com
Subject: Application Received for Boat Configuration Adjustment

hi Fleet Office,

An application for a boat configuration rating adjustment was received on 01/19/2019 07:22:16

All the applicant info is below.

A couple things to check before you do anything with request:

1. Is the boat owner a member in good standing? i.e. Do they have a rating valid for this year?
2. Is the PF > 2?

If either of these is a problem, use the Boat Config Approval Form to deny this request without forwarding to the Area Board. The boat owner will receive an email from that form.

Please forward this email to the appropriate Area Rep for approval.

OWNER DATA

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Sail_Number : 56759
Boat_Name : JENNIFER K
Owner : Mark Burrows
Phone : (619) 972-1094
Email: burrows27019@gmail.com
Yacht_Club : CCYC
Assigned_Area : G
Rating_Type : REGULAR
Rating_Status : ACTIVE
Year_Valid : 2018

BOAT CONFIGURATION DATA

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Status : Pending
ApplicationDate : 01/19/2019 07:22:16
AnchorChain : 1-100 Adjustment: 0

Main & All Upwind Sails are 100% Polyester (Dacron) Woven Fabric : Tdacron Adjustment: 2
GenoaMax : 155 Adjustment: 0 PropType : Feathering
NumBlades : 2 Adjustment: 0
FurlingHead : Yes Adjustment: 3
FurlingMain : No
FurlerType : None Adjustment: 0

Total Adjustment Requested: 5.00
Performance Factor: 1.34
Performance Factor Penalty if PF > 1.75: 0 Base Regional RLC Rating: 144 Maximum
Adjustment Allowed (20% of Base Regional RLC : 29

OTHER BOAT DATA

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Regional_Buoy : 144
Area_Buoy : 144
Base_BuoyR : 144
Base_BuoyA : 144
Regional_RLC : 144
Area_RLC : 144
Base_RLCR : 144
Base_RLCA : 144
Regional_OWC : 144
Area_OWC : 144
Base_OWCR : 144
Base_OWCA : 144
Restrictions : NONE
Mfg_Type : CAT36
Designer : Catalina
Year_Built : 1986
Hull_Material : Fiberglass
HULL_Number : 642
LOA : 36.4
LWL : 30.25
BEAM : 11.11
DRAFT : 5.1
Displacement : 14000
Ballast : 6000
Keel_Material : Lead/Iron

Keel_Type : Fixed
Life_Lines : Permanent/Fixed
PULPITS :
Hydraulics : None
Motor_Type : IB
Rig_Type : Sloop
Mast_Type : MastHD
Mast_Size : STD
Spinnaker_Pole : 0
J : 14.3
I : 44.8
P : 39
E : 13
ISP : 44.8
LP : 22.165
SPL : 14.3
SL : 44.67
SMW : 25.75
SLU : 48.42
SLE : 46
SF : 26.75
ASMW : 0
SA_RATIO :
Modifications :
ULDB : No
Headsail_Size : 155
Symm_Spinnaker_Size : 180
Rated_Sail_Area : 749.996
ASMWSF : 0
Symm_Spinnaker_Area : 1003.24224
Asymm_Spinnaker_Area : 210.477917
Performance_Factor : 1.337964
Non_Spinnaker_Offset : 16

Additional Information about B'Quest

I would like to correct some dimensions on my certificate. I do not believe any of this will mean a need to change my rating. I just want it all to be accurate.

These new dimensions are from the **Offshore Racing Rule Certificate** Measure date: 5/31/2005. A copy of the 2018 certificate is attached.

LOA 40.30 not 43.25

Beam 11.91 not 12.08

Draft 7.552 not 7.5

Displacement 12472 not 12450

LWL 34.124 not 35

I 51.84 not 51.968

J 14.99 same

ISP 52.12 not 51.99

SPL 17.59 not 17.948

P 45.0 not 45.7

E 16.0 not 16.01