

PHRF Handicaps for the 2016 BLSC Spring Racing Series

Locally assigned PHRFs at the end of the 2015 racing season have been adjusted to produce the following table of PHRFs which will be in effect for the 2016 Spring Racing Series. Without going into detail, the adjusted PHRFs reflect 80% weighting of the 2015 year-end handicap and 20% weighting of the elapsed times for the 53 races sailed in 2014 and 2015.

<u>Locally assigned PHRFs at the end of the 2015 racing season, and adjusted PHRFs for the 2016 BLSC Spring Racing Series</u>					
Boat	Type	Owner	Local PHRF ¹	Performance Fleet ²	Cruising Fleet ²
			(sec/mi)	(sec/mi)	(sec/mi)
Catalina 22				274.7 ³	267.3 ³
Catalina 25				233.3 ³	226.3 ³
Casita	Hunter 28	Walker	186	194.5	186.0 ⁴
Calaloo	Hunter 290	Flynn	210	215.2	208.4
Cha Changes	Hunter 35.5	Havens	138	143.0	135.5
Hydrophilic	Ericson 29	Hines	199	204.3	197.6
Island Spirit	Hunter 380	Harrell	135	140.2	131.8
Legasea	Laser 28	M. Mayer	135	140.5	132.0
Orion	Hunter 34	Justiss	148	153.1	147.0
Southern Wind	Hunter 386	Willis	135	143.8	136.0
Valkyrie	O'Day 32-2	Madsen	176	180.3	171.3
Bela Luna	Hunter 34	Murray	151	157.9	151.3
Dreamer	Merit 25	Unger	177	179.1	170.7
Never Enough	Hunter 35.5	White		149.0	148.7
Moonseeker	Hunter 35.5	Carron		149.0	148.7
First Light	Tanzer 26	M. Havens		215.4	215.1
Wine Mixer	Catalina 380 (WK)	Flynn		124.9	124.4
Anahi	Merit 25	Bennett	171	175.6	
Rhumboogie	Merit 25	Carron	171	174.6	
Air Hawg	C & C 27	Lane	201	204.7	
Arabella	Islander 28	Hatch	201	206.5	
Danger Zone	S2 7.9	Hopkins	168	165.7	
Jaded	J 24	White	171	173.4	
Rapid Transit	Hobie 33	Asfahl	93	97.3	
Dave & Mary	Colgate 26	Zamierowski	177	183.3	
Volare	Capri 25	D. Mayer	176	178.5	
Banjo	J 29	Stivers	114	114.0 ⁴	

¹ Local PHRF at the end of 2015 racing season.

² PHRF based on 80% weighting of 2015 Local PHRF and 20% weighting of all 2014 and 2015 race elapsed times.

³ No data at BLSC for 2014 or 2015.

⁴ Banjo and Casita are designated reference boats for the Performance and Cruising Fleets respectively

Requirements and Details

Fleets. Before the first race of a series –of-races event, (for example the 8-race Spring Series) or a single-race event, a boat must declare her intention to race in either one of two fleets with PHRF handicaps assigned as shown above:

Cruising Fleet. No boat may fly a spinnaker during that particular racing event.

Performance Fleet. A boat may optionally fly a spinnaker or not, consistent with the fastest way for her to complete the course.

A boat may switch fleets from event to event but not within a particular event.

Wind velocity adjustments. Time-on-time PHRF handicapping, e.g. for the Spring Series, will incorporate the following wind velocity adjustments:

$$\text{Corrected time} = \text{TCF} \times \text{Elapsed Time.}$$

The time correction factor (TCF) is computed as $\text{TCF} = 650 / (\text{B} + \text{PHRF})$, where PHRF is from the above table and

B = 600 if the average wind velocity is less than 6 mph (water surface appears streaky and patchy),

B = 550 if the average wind velocity is between 6 and 18 mph (ideal racing conditions),

B = 480 if the average wind velocity exceeds 18 mph (consider shortening sail).

Fleet-wide PHRF adjustments. All PHRFs will be reviewed automatically and potentially adjusted twice a year, once at the end of the Spring Series and before the start of the Arkansas Cup Series, and a second time after Arkansas Cup Race #3 on Labor Day and before the start of the Fall Series.

Individual PHRF adjustments. Any boat may ask for an adjustment to its assigned PHRF by filing a written appeal with any member of the BLSC Handicap Committee consisting of Mike Mayer, Ted Willis and Tom Unger, or the Vice Commodore (James Dunn).

Vice Commodore's opinion

Over the years a number of people have told me either that they don't race, or more typically that they have quit racing, because they think that their handicap is unfair. (No one ever complains that their PHRF is too large.) When I go off in a corner and look at race results, I discover that their participation has been dismal – lots of DNS. By contrast one can almost determine the winners of past series by counting who has sailed the most races. I know that it's obvious but YOU CAN'T WIN UNLESS YOU PARTICIPATE. Only then can we think about adjusting your

handicap.