

Thursday Night Racers,

It has been pointed out to me that several starting times were incorrectly entered into our scoring program for both the Spring and Summer Series.

Problem: The start time changes for Race #1 (5 minute delay of start for Spin B, Sport Boat and Spin A) propagated to the remaining four races without my awareness.

Our scoring formula utilizes the Time on Time (TOT) method, hence it was necessary to re-score Spring and Summer results. I have completed the work and have re-posted the results.

A link of the details is posted on the website immediately following the results heading on the racing page:
<http://gpfbrc.com/races-2022>

The only major change was in Spring Race #5. Ariel went from fourth place to third place and Nitasy went from third place to fourth.

The Spring Awards were not affected.

Please contact me if you see any problems!!!

Many thanks to Dennis Damaske (Baron Crew member) for giving me the heads up on this.

See you Thursday on the lake and at the awards party!

Cheers,
Steve
(586) 322-1077

Spring

1st Race caused problem as there was a five minute delay between Catalina 27 and Spin B waiting for the wind to build. Elapsed and Corrected times affected when start time is changed.

Position change in Spring Race #5 Spinnaker B Class due to start time change for Spinnaker B.
Ariel moved to third place and Nitasy moved to fourth place.

This did not affect the Spring Series Awards

Summer

Races 3 and 4 had wrong starting time for Spinnaker B only. Elapsed and Corrected times affected.

No finish position changes were affected for either race or for the results standings after Race #4.

For any Dataphiles Interested

I did some playing to see the effect on Spin B Race #2 data.
Below are my results.

Spinnaker B

Date: 06/02/22 Start Time: 19:15:00 Distance: 3.4nm

Present	Sail	Boat	Skipper	PHRF	Delta	Type	Finish	Elapsed	Corrected	Score
1	176	Friendship	Scheibner,Doug	129	18	T10	20:17:07	01:02:07	00:57:21	1
2	377	Lady Luck	Lady,Paul	126	14	T10	20:18:38	01:03:38	00:59:21	2
3	25108	Baron	Stuck,Randy	117		J/29	20:17:45	01:02:45	01:00:31	3
4	148	Ariel	Aitken,Mark	165		Tartan 33	20:25:25	01:10:25	01:03:24	4
5	25112	Nitasy	Weinkauff,David	121	12	Nelson / Marek 36	20:26:35	01:11:35	01:07:26	5
6	52142	Blues	Nakai,Yoshi	147		Express 27	20:38:48	01:23:48	01:17:22	6
7	69	Tyeera	Roberts,Sally	252		Bristol 27	20:57:45	01:42:45	01:22:33	7
DNC	25551	Growl Tiger	Thoma,Richard	165		3000				—

Speed as VMG of winning boat: 3.3 knots

Spring Race # 2

Spin B

Before and After Start Time Corrections

Boat Name	VMG Delta (1st Place)		Corrected Time		Corrected Differential	Time Behind Boat Ahead		Error
	Before	After	Before	After		Before	After	
Friendship	3.6	3.3	0:52:44	0:57:21	0:04:37	0	0	0
Lady Luck			0:54:41	0:59:21	0:04:40	0:01:57	0:02:00	0:00:03
Baron			0:55:42	1:00:31	0:04:49	0:01:01	0:01:10	0:00:09
Ariel			0:58:54	1:03:24	0:04:30	0:03:12	0:02:53	0:00:19
Nitasy			1:02:43	1:07:26	0:04:43	0:03:49	0:04:02	0:00:13
Blues			1:12:45	1:17:22	0:04:37	0:10:02	0:09:56	0:00:06
Tyeera			1:18:32	1:22:33	0:04:01	0:05:47	0:05:11	0:00:36

Time on Time handicap needs two parameters so that the adjustment factor can be calculated from $A/(B + PHRF)$. Each series must have the A and B parameters chosen

650

Numeric value of A parameter

557

Numeric value of B parameter

Formula Check

$$TCF = 650 / (557 + PHRF)$$

$$TCF = 650 / (557 + 117) = 0.9643916913946588$$

Baron – Elapsed: 01:02:45

$$3600 + 120 + 45 \text{ secs} = 3,765 \text{ secs (elapsed)}$$

$$\text{Corrected time} = \text{elapsed time} * TCF$$

$$3,765 \text{ secs} \times 0.9643916913946588 = 3,630.93471810089 \text{ secs}$$

$$3,630.93471810089 \text{ secs} \times \text{hrs}/3600 \text{ secs} = 1.008592977250247 \text{ hrs}$$

$$\text{Remainder to secs} \rightarrow .008592977250247 \text{ hrs} \times 3600 \text{ secs}/\text{hrs} = 30.9347181008892 \text{ secs}$$

Rounding = 31 secs

Corrected Time: **01:00:31**

3	25108	Baron	Stuck,Randy	117	J/29	20:17:45 01:02:45	01:00:31	3
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