



My PHRF: _____

My Start Time: _____

GBCA

Icicle Series Sailing Instructions

Galveston Bay

January 3 – January 31, 2015

1500 Marina Bay Dr. Suite 1592, Building #113, Clear Lake Shores, TX 77565

I. Introduction

The Icicle Series will consist of five races. The dates of the races are listed in Section XII. The start is staggered, based on the handicap starting time provided in Attachment #1. Five classes are anticipated: Spinnaker Sprit, Spinnaker Non-Sprit, Non-Spinnaker, GBCA Club Handicap and SOS-TEX Shorthanded.

The intent of the Icicle Series is fun, informal racing. No entry fee or form is required to participate. The races are governed by the Racing Rules of Sailing 2013-2016, with the following exceptions:

- **LUFFING another boat shall NOT be allowed.** Luffing shall be defined as changing course to windward after another boat has approached within two boat lengths from any direction.
- **A boat passing to windward or leeward of another boat must maintain at least two boat lengths to either side** until no overlap exists.

Yachts participating in the SOS-TEX class may use autopilots and other self-steering gear in accordance with the SOS-TEX Bylaws. Formal provision for processing protests has not been established. Skippers are requested to discuss any infractions and resolve them in the best Corinthian fashion. The "720 Rule" – now called the "Two Turns Penalty", is in effect. The race chairman may disqualify any boat that starts early or who was in violation of any other rules.

II. Start / Finish Line

The Start/Finish line will be between Clear Lake Entrance Marker #1 and Marker #2, located in Galveston Bay. See Section V for course descriptions.

III. Marks of the Course

"H", a platform located in Galveston Bay, at approximately

N 29° 33.255' W 094° 56.542'

or approximately 1.3 nm WSW of the Houston Ship Channel (HSC) Marker #65.

"E", is the Low Range Marker (Upper Range "A") in Galveston Bay. The mark is an orange and white structure near Houston Ship Channel Marker #73, at approximately

N 29° 35.787' W 094° 56.935'

or approximately 0.23 nm NNW of the old low range.

IV. Starting Times

The starting times are listed in Attachment #1. Participating yachts may obtain the correct time on any WWV frequency or by calling 1.303.499.7111, or from a GPS. The start times in Attachment #1 are based on a course length of 8.67 nautical miles, and are computed so that a yacht with a rating of 284 will start at 11:41:32 AM. If you do not find your rating in Attachment #1, you may compute your start time as follows:

Let R be the yacht's PHRF rating and Seconds be the starting time adjustment in seconds.

Seconds = $8.67 \times (284 - R)$

Starting Time = 11:41:32 AM + Seconds

V. Course Description

Two courses will be used for the Icicle Series. The schedule of races in Section XII gives the course to be used in each race.

Standard Course: Start between Clear Lake Channel Markers #1 and #2 and sail to "H" Mark leaving it to port. Sail from Mark "H" to Mark "E" leaving it to port. Sail from Mark "E" to Clear Lake Channel Marker #2 and finish as outlined in Section II.

Reverse Course: Start between Clear Lake Channel Markers #1 and #2 and sail to "E" Mark leaving it to starboard. Sail from Mark "E" to Mark "H" leaving it to starboard. Sail from Mark "H" to Clear Lake Channel Marker #1 and finish as outlined in Section II.

Boats shall not enter the Houston Ship Channel. The Houston Ship Channel shall rank as an obstruction.

VI. Course heading and Distances

The total course length is 8.67 nautical miles

Standard Course:

#2 to "H" approximately 2.62 nm bearing approximately 83 degrees

"H" to "E" approximately 2.56 nm bearing approximately 348 degrees

"E" to #2 approximately 3.5 nm bearing approximately 216 degrees

Reverse Course:

#2 to "E" approximately 3.5 nm bearing approximately 36 degrees

"E" to "H" approximately 2.56 nm bearing approximately 168 degrees

"H" to #2 approximately 2.62 nm bearing approximately 263 degrees

VII. Handicaps

Handicaps are those shown on each yacht's 2014/2015 PHRF-GB rating certificate. Yachts sailing in the spinnaker class use their normal rating. Yachts sailing in the non-spinnaker class use their non-spinnaker rating directly, without further adjustment. The SOS-TEX class will sail in accordance with the SOS-TEX Bylaws and will not subdivide. Yachts may not take adjustments for different headsail sizes on a per race basis. Yachts may elect to race in any class on a per race basis. Points earned in one class will not be transferred to another. Skippers who do not have a valid Galveston Bay PHRF certificate may obtain a provisional rating from the race chairman, Christopher Dees at cddees@comcast.net or 713.823.1577; or Bob Hunkins at rdhunkins@verizon.net or 281.216.4082. Skippers are urged to obtain a PHRF certificate [(281) 471-1255 or phrfgb@gmail.com], as provisional ratings tend to be more

conservative (faster) than a valid PHRF-GB certificate and are intended only for first time racers or those new to the area.

GBCA Club Handicap:

Yachts intending to participate in the GBCA Club Handicap class shall first register at:

[Regatta Network - Club Handicap Registration Link](#)

Skippers shall fill out the form as completely as possible and include a valid e-mail address. The Class Coordinator will correspond via e-mail with rating and other special information. Participants and current ratings will be updated and posted at:

[Regatta Network - View Participants Link](#) .

Ratings will be adjusted based on fleet performance after each race.

VIII. Special Instructions

Yachts racing in the Icicle Series shall clearly display their class flag(s) from the backstay or other prominent visible position on the stern of the yacht throughout the race.

- The Spinnaker Sprit class flag is **white**.
- The Spinnaker Non-Sprit class flag is **white**.
- The Non-spinnaker class flag is **dark**.
- The SOS-TEX class will display a **white** flag over a **dark** flag.
- The GBCA Club Handicap class flag is **bright orange**.

Attention is called to RRS 4: Decision to Race, ***“The responsibility for a boat’s decision to participate in a race or to continue racing is hers alone.”***

IX. Finishing

The first yacht in each class to cross the finish line will be the winner of the class and be required to record the next 4 places by recording the boat name and or sail numbers. The finishing information then must be presented to a GBCA board member at the social event following the race (see Attachment 2). **Remember, to score a first place, a yacht must both cross the finish line first and record the next four finishers.**

GBCA Club Handicap: The first yacht in the GBCA Club Handicap class to cross the finish line will be the winner of the class and be required to record the next 4 places by recording the boat name and or sail numbers. **The winning yacht shall also record the finish time of the next 4 places. Each yacht finishing shall record their finish time (even if after the 3:00 cut-off) and report it to the Fleet Captain or another Club Officer at the post race party or by email or by posting on the discussion forum.**

The race ends at 3:00 PM. Any boat finishing after this time will be considered as “did not finish” and will not be scored.

X. Awards and Social

"Liquid" trophies in the form of rum will be awarded in each race, usually to the top two boats in each class. Winning yachtsmen are encouraged to share their "trophies" with less fortunate sailors. The Award is forfeited if not claimed at the social following the race. Points will also be given for the series as follows:

Place	Points
1st	5
2nd	4
3rd	3
4th	2
5th	1

Socials will be held at the GBCA office following each race, unless otherwise posted at the GBCA office by 8:00 AM the day of the race. Changes to the Race Schedule will be posted at the Office and on the GBCA website one week before the affected race. The GBCA office is located at 1500 Marina Bay Dr. Suite 1592, Building #113, Clear Lake Shores, TX 77565.

XI. Series Awards

Trophies for the series will be awarded to the top three eligible yachts in each class based on points awarded per race. All yachts must be owned by a GBCA senior member and have a valid PHRF-GB certificate as of the date of the last race in the series to be eligible for series awards. GBCA Club Handicap class participants are not required to have a rating certificate.

XII. Race Schedule

Scheduled race dates for the 2014 Icicle Series:

Race	Date	Course
#1	January 3	Standard
#2	January 10	Reverse
#3	January 17	Standard
#4	January 24	Reverse
#5	January 31	Standard

Attachment 1. 2014 Icicle Series Start Times

PHRF #	Start Time	PHRF #	Start Time	PHRF #	Start Time	PHRF #	Start Time	PHRF #	Start Time	PHRF #	Start Time
284	11:41:32	239	11:48:02	194	11:54:32	149	12:01:02	104	12:07:33	59	12:14:03
283	11:41:41	238	11:48:11	193	11:54:41	148	12:01:11	103	12:07:41	58	12:14:11
282	11:41:49	237	11:48:19	192	11:54:50	147	12:01:20	102	12:07:50	57	12:14:20
281	11:41:58	236	11:48:28	191	11:54:58	146	12:01:28	101	12:07:59	56	12:14:29
280	11:42:07	235	11:48:37	190	11:55:07	145	12:01:37	100	12:08:07	55	12:14:37
279	11:42:15	234	11:48:45	189	11:55:16	144	12:01:46	99	12:08:16	54	12:14:46
278	11:42:24	233	11:48:54	188	11:55:24	143	12:01:54	98	12:08:25	53	12:14:55
277	11:42:33	232	11:49:03	187	11:55:33	142	12:02:03	97	12:08:33	52	12:15:03
276	11:42:41	231	11:49:11	186	11:55:42	141	12:02:12	96	12:08:42	51	12:15:12
275	11:42:50	230	11:49:20	185	11:55:50	140	12:02:20	95	12:08:51	50	12:15:21
274	11:42:59	229	11:49:29	184	11:55:59	139	12:02:29	94	12:08:59	49	12:15:29
273	11:43:07	228	11:49:37	183	11:56:08	138	12:02:38	93	12:09:08	48	12:15:38
272	11:43:16	227	11:49:46	182	11:56:16	137	12:02:46	92	12:09:17	47	12:15:47
271	11:43:25	226	11:49:55	181	11:56:25	136	12:02:55	91	12:09:25	46	12:15:55

270	11:43:33	225	11:50:03	180	11:56:34	135	12:03:04	90	12:09:34	45	12:16:04
269	11:43:42	224	11:50:12	179	11:56:42	134	12:03:12	89	12:09:43	44	12:16:13
268	11:43:51	223	11:50:21	178	11:56:51	133	12:03:21	88	12:09:51	43	12:16:21
267	11:43:59	222	11:50:29	177	11:57:00	132	12:03:30	87	12:10:00	42	12:16:30
266	11:44:08	221	11:50:38	176	11:57:08	131	12:03:38	86	12:10:09	41	12:16:39
265	11:44:17	220	11:50:47	175	11:57:17	130	12:03:47	85	12:10:17	40	12:16:47
264	11:44:25	219	11:50:55	174	11:57:26	129	12:03:56	84	12:10:26	39	12:16:56
263	11:44:34	218	11:51:04	173	11:57:34	128	12:04:04	83	12:10:35	38	12:17:05
262	11:44:43	217	11:51:13	172	11:57:43	127	12:04:13	82	12:10:43	37	12:17:13
261	11:44:51	216	11:51:21	171	11:57:52	126	12:04:22	81	12:10:52	36	12:17:22
260	11:45:00	215	11:51:30	170	11:58:00	125	12:04:30	80	12:11:01	35	12:17:31
259	11:45:09	214	11:51:39	169	11:58:09	124	12:04:39	79	12:11:09	34	12:17:39
258	11:45:17	213	11:51:47	168	11:58:18	123	12:04:48	78	12:11:18	33	12:17:48
257	11:45:26	212	11:51:56	167	11:58:26	122	12:04:56	77	12:11:27	32	12:17:57
256	11:45:35	211	11:52:05	166	11:58:35	121	12:05:05	76	12:11:35	31	12:18:05
255	11:45:43	210	11:52:13	165	11:58:44	120	12:05:14	75	12:11:44	30	12:18:14
254	11:45:52	209	11:52:22	164	11:58:52	119	12:05:22	74	12:11:53	29	12:18:23
253	11:46:01	208	11:52:31	163	11:59:01	118	12:05:31	73	12:12:01	28	12:18:31
252	11:46:09	207	11:52:40	162	11:59:10	117	12:05:40	72	12:12:10	27	12:18:40
251	11:46:18	206	11:52:48	161	11:59:18	116	12:05:48	71	12:12:19	26	12:18:49
250	11:46:27	205	11:52:57	160	11:59:27	115	12:05:57	70	12:12:27	25	12:18:57
249	11:46:35	204	11:53:06	159	11:59:36	114	12:06:06	69	12:12:36	24	12:19:06
248	11:46:44	203	11:53:14	158	11:59:44	113	12:06:14	68	12:12:45	23	12:19:15
247	11:46:53	202	11:53:23	157	11:59:53	112	12:06:23	67	12:12:53	22	12:19:23
246	11:47:01	201	11:53:32	156	12:00:02	111	12:06:32	66	12:13:02	21	12:19:32
245	11:47:10	200	11:53:40	155	12:00:10	110	12:06:41	65	12:13:11	20	12:19:41
244	11:47:19	199	11:53:49	154	12:00:19	109	12:06:49	64	12:13:19	19	12:19:49
243	11:47:27	198	11:53:58	153	12:00:28	108	12:06:58	63	12:13:28	18	12:19:58
242	11:47:36	197	11:54:06	152	12:00:36	107	12:07:07	62	12:13:37	17	12:20:07
241	11:47:45	196	11:54:15	151	12:00:45	106	12:07:15	61	12:13:45	16	12:20:15
240	11:47:53	195	11:54:24	150	12:00:54	105	12:07:24	60	12:13:54	15	12:20:24

Questions:

Christopher Dees cddees@comcast.net , 713.823.1577 or Bob Hunkins rdhunkins@verizon.net , 281.216.4082

Attachment 2. 2014 Icicle Series Recording Sheet

Class: Spin-Sprit Spin-NonSprit NonSpin SOS Club

Race: _____ Date: _____

Place	Boat name	Sail#	Time (Club)
1st	_____	_____	____:____:____
2nd	_____	_____	____:____:____
3rd	_____	_____	____:____:____
4th	_____	_____	____:____:____
5th	_____	_____	____:____:____
=====			

Class: Spin-Sprit Spin-NonSprit NonSpin SOS Club

Race: _____ Date: _____

Place	Boat name	Sail#	Time (Club)
1st	_____	_____	____:____:____
2nd	_____	_____	____:____:____
3rd	_____	_____	____:____:____
4th	_____	_____	____:____:____
5th	_____	_____	____:____:____
=====			

Class: Spin-Sprit Spin-NonSprit NonSpin SOS Club

Race: _____ Date: _____

Place	Boat name	Sail#	Time (Club)
1st	_____	_____	____:____:____
2nd	_____	_____	____:____:____
3rd	_____	_____	____:____:____
4th	_____	_____	____:____:____
5th	_____	_____	____:____:____

Class: Spin-Sprit Spin-NonSprit NonSpin SOS Club

Race: _____ Date: _____

Place	Boat name	Sail#	Time (Club)
1st	_____	_____	____:____:____
2nd	_____	_____	____:____:____
3rd	_____	_____	____:____:____
4th	_____	_____	____:____:____
5th	_____	_____	____:____:____
=====			

Class: Spin-Sprit Spin-NonSprit NonSpin SOS Club

Race: _____ Date: _____

Place	Boat name	Sail#	Time (Club)
1st	_____	_____	____:____:____
2nd	_____	_____	____:____:____
3rd	_____	_____	____:____:____
4th	_____	_____	____:____:____
5th	_____	_____	____:____:____
=====			

Class: Spin-Sprit Spin-NonSprit NonSpin SOS Club

Race: _____ Date: _____

Place	Boat name	Sail#	Time (Club)
1st	_____	_____	____:____:____
2nd	_____	_____	____:____:____
3rd	_____	_____	____:____:____
4th	_____	_____	____:____:____
5th	_____	_____	____:____:____