



My PHRF: _____

My Start Time: _____

GBCA

Cruzan Rum

Icicle Series Sailing Instructions

Galveston Bay

January 6 – February 17, 2018

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



Red text highlights changes over previous year SI

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, Shorthanded and **MulFoi**.

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 2017-2020, with the following exceptions:

Yachts participating in the Shorthand 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.

In the event any of these marks are missing, boats shall round the coordinates given

IV. Starting Times

The starting times are listed in Attachment #1. Starting times are based on local Coordinated Universal Time, CST (UTC-6). Participating yachts may obtain the correct CST, (UTC-6, synchronized with the atomic clocks) 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. Classes and Handicaps

The Classes are defined as follows:

- Spinnaker Sprit class – Any boat that has a fixed or movable bowsprit of any length affixed to the boat to carry a spinnaker, either of symmetrical or asymmetrical cut. This handicap will be assigned by PHRF-GB. Yachts sailing in the spinnaker class shall use their normal rating.

- Spinnaker Non-Sprit class – Any boat that carries a spinnaker, with or without a spinnaker pole. This class shall not use a sprit of any kind. This handicap will be assigned by PHRF-GB.
- Non-Spinnaker class – The boat may not fly a spinnaker, but may pole the jib or genoa out using a whisker pole. This handicap will be assigned by PHRF-GB. Yachts sailing in the non-spinnaker class use their non-spinnaker rating directly, without further adjustment.
- Shorthanded class - Boats sailed by one or two crew. This handicap will be assigned by PHRF-GB. Class will allow use of autopilots or wind vanes during class races after the boats have cleared the starting area. All boats in this class should have sufficient equipment to independently overcome emergencies while sailing. The Shorthand class will sail in accordance with the SOS-TEX Bylaws and will not subdivide.
- MulFoi class – Any boat that can plane or foil. This is an experimental class to include multihull, foiling, and/or planning boats. The intent is to remove high performance boats from Club Handicap into a class with a similarly relaxed handicapping process. Before a boat can be entered into this class, it must complete the entire course once. This handicap will be assigned and modified each race by GBCA, similar in style to Club Handicap. The new class will be scored independently of the other classes for the Series Results and all prior finishes will be moved to the new class. This will affect the current results for other classes.
- The GBCA Club handicap fleet is intended for those owning cruising boats and/or novice racers. Boats that are raced by prominent racers or that are known to be racing class boats may be assigned a more conservative handicap (lower) than the established PHRF rating by the class coordinator or the GBCA Board. PHRF Handicaps are those shown on each yacht's PHRF-GB rating certificate. Yachts sailing in the spinnaker classes use their normal rating. Yachts sailing in the non-spinnaker class use their non-spinnaker rating directly, without further adjustment. 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 cddees@comcast.net, 713.823.1577 or Scott Tuma texastuma@comcast.net, 281.705.3712. Skippers are urged to obtain a PHRF certificate [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.
- Club Handicap Registration: Yachts intending to participate in the GBCA Club Handicap class no longer need to register beforehand. If you have a valid Cruising Club Rating, you just need to participate in the race and submit your time like all other classes. See Finishing below. If you do not have a Cruising Club rating, contact Christopher Dees cddees@comcast.net, 713.823.1577 or Scott Tuma texastuma@comcast.net, 281.705.3712. 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.

View the current club ratings and recent changes to ratings based on prior performance - <http://racing.gbca.org/club.html>

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

Handicaps are those shown on each yacht's 2017/2018 PHRF-GB rating certificate. 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.

GBCA Club Handicap:

View the current club ratings and recent changes to ratings based on prior performance - <http://racing.gbca.org/club.html>

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 **pink**.
- The Spinnaker Non-Sprit class flag is **white**.
- The Non-spinnaker class flag is **dark**.
- The Shorthand class will display a **white** flag over a **dark** flag.
- **The MulFoi class flag is Green.**
- The GBCA Club Handicap class flag is **bright orange**.

You may not change your class flag once you have begun racing. If there is evidence of a different flag flown, you will receive a DSQ and an uncomfortable conversation with a GBCA Board Member.

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

All skippers who would like to be scored for series results will submit their start and finish times to <http://racing.gbca.org/>

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 TWO places in her class. When uploading your yacht’s time, you should include the next two places in the appropriate fields. We do not need the times for the next two boats, just the places.

Pro-Tip: When submitting the form, If you include your email, it will “prefill” the form the next time you open it. You will only need to update the finish time. Times submitted shall be CST, (UTC-6, see IV. Starting Times).

Please use military time, ie : 18:43:00. AM/PM is not allowed on the form.

We expect discrepancies to the actual start and finish times, and we will do our best to mitigate any differences due to “fat fingering” or incorrect input. It is not required that you keep a record of your race (via GPS tracks or photographic with timestamp), but in the case of a conflict, those with supporting data will certainly be more persuasive. If you find a discrepancy, please contact race chairman Christopher Dees cddees@comcast.net , 713.823.1577 or Scott Tuma texastuma@comcast.net , 281.705.3712. If there is evidence of incorrect results, changes will be made after the awards to correct the overall standing, but the results at the time of awards will be final for race trophies (we will not hand out additional rum for those late to enter results, etc).

There will be a computer available at the clubhouse to complete the form. You have 24 hours from the start of the race to upload your results. You may modify the results (using the same link) at any time before awards. Once

awards are announced, if you notice that your submitted time is incorrect, please send an email to Christopher Dees cddees@comcast.net , 713.823.1577 or Scott Tuma texastuma@comcast.net , 281.705.3712. If, and only if, the site is down or the site is not functioning properly, you will need to email your results to cddees@comcast.net or bring the back page to the clubhouse for manual entry. Again, these will only be accepted if the site is not functioning.

We highly recommend using **RaceQs** for tracking your race results. Start the app on your phone before you leave the dock. Works on Android and iOS. You can also upload handheld GPS tracks to the website directly. In addition to having a good track of your results, we will show the replay of all boats at the after party. When submitting your results, you will find "boat ahead" and "boat behind." While optional, these help with mitigating incorrect input times. It is most helpful to use boats within your fleet as references, but any boat is helpful. See all RaceQs results

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 Cruzan rum from our race sponsors will be awarded in each race, usually to the top three 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 2018 Icicle Series:

Race	Date	Course
#1	January 6	Standard
#2	January 13	Reverse
#3	January 20	Standard
#4	January 27	Reverse
#5	February 17	Standard

Questions:

Christopher Dees cddees@comcast.net , 713.823.1577 or Scott Tuma texastuma@comcast.net , 281.705.3712

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

Attachment 2

This area is provided as a convenient place to record finish time, boat ahead, and boat behind until it can be uploaded electronically.

Race: _____ Date: _____

Start Time: ____:____:____ Finish Time: ____:____:____

Boat Ahead: _____

Sail#: _____

Boat Behind: _____

Sail#: _____

2nd Boat Behind: _____

Sail#: _____