



My PHRF: \_\_\_\_\_

My Start Time: \_\_\_\_\_

# GBCA Cruzan

## Icicle Series Sailing Instructions

Galveston Bay

January 8 – February 5, 2022

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. Seven classes are anticipated: Racing Spinnaker, Racer/Cruiser Spinnaker, Non-Spinnaker, GBCA Club Handicap, GBCA Club Handicap Spinnaker, Shorthanded and Multihull.

The intent of the Icicle Series is fun, informal racing. No entry fee or form is required to participate, but membership is recommended. The races are governed by the Racing Rules of Sailing 2021-2024, with the following exceptions:

- Yachts participating in the Shorthand class may use autopilots and other self-steering gear in accordance with the GBCA Shorthanded Class Rules.
- Protests will not be held as part of the Series. 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 Fleet Captain may disqualify any boat that starts early, who was in violation of any other rules, or exhibits misconduct and unsportsmanlike conduct without notice or hearing.

### 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

- Clear Creek Channel #2, a 6 second flashing red 17' fixed channel marker at the end of the Clear Creek Channel, at approximately:
  - **N 29°33.164' W 094° 551'**
- "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 285 will start at 11:30:00 AM. If you do not find your rating in Attachment #1, you may compute your start time as follows:

Let R be the yachts PHRF rating and Seconds be the starting time adjustment in seconds. Seconds =  $8.67 \times (285 - R)$

### 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.**

**BOATS THAT ENTER THE HOUSTON SHIP CHANNEL SHALL BE DISQUALIFIED WITH FUTURE PARTICIPATION UNDER REVIEW BY GBCA BOARD**

## 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:

- **Racing Spinnaker class** – Any boat that has either of symmetrical or asymmetrical (tacked on bow or any length sprit) cut and a Sail Area to Displacement ratio (SA/D) greater than 19.0. This handicap will be assigned by PHRF-GB. Eligibility if further defined at <http://www.phrfgb.com/racer-cruiser-definitions>
- **Racer/Cruiser Spinnaker class** – Any boat that has either of symmetrical or asymmetrical (tacked on bow or any length sprit) cut and a Sail Area to Displacement ratio (SA/D) less than or equal to 19.0. This handicap will be assigned by PHRF-GB. Eligibility if further defined at <http://www.phrfgb.com/racer-cruiser-definitions>
- **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.
- The **Shorthanded** class will sail in accordance with the GBCA Shorthanded Class Rules and will not subdivide. This handicap will be assigned by PHRF-GB.
- The **GBCA Club handicap** fleet is intended for those owning traditionally 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/faster) than the established PHRF rating by the Fleet Captain or their designee. **Any new racers in this class must contact the Fleet Captain prior to racing to obtain their initial rating.**

- The **GBCA Club Handicap Spinnaker** fleet is intended for those owning cruising boats and/or novice racers with a spinnaker, asymmetric or symmetrical. Boats that are raced by prominent racers or that are known to be racing class boats may be assigned a more conservative handicap (lower/faster) than the established PHRF rating by the class coordinator or the GBCA Board. **Any new racers in this class must contact the Fleet Captain prior to racing to obtain their initial rating.**
- Multihull is multihulls using GBCA Club Handicap formula. Boats without an established handicap, shall have one assigned by Race Chairman or Fleet Captain.

View the current club ratings and recent changes to ratings based on prior performance –

<http://racing.gbca.org/club.html>

### VIII. Special Instructions

Each participating boat shall be insured with valid third-party liability insurance with a minimum cover of \$300,000 per incident or the equivalent.

**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 Racing Spinnaker class flag is **pink**
- The Racer/Cruiser Spinnaker class flag is **white**.
- The Non-spinnaker class flag is **dark**.
- The Shorthanded class will display a **white** flag over a **dark** flag.
- The GBCA Club Handicap class flag is **bright orange**.
- The GBCA Club Handicap Spinnaker class flag is **green**
- Multihulls do not have a class flag.

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.

**Cruising Club Class:** Poling out - Any use of a pole or other device to hold out a sail (spin pole/whisker pole/etc) shall be attached to the mast. Aside for temporarily at mark roundings, no poling /holding out of sails by a member of the crew is allowed. Also, any asymmetrical spinnaker shall not have any pole supporting, pushing out, or stabilizing the clew of the sail.

Competitors participate in the regatta entirely at their own risk. See RRS 3, Decision to Race. The organizing authority, volunteers, or sponsors will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the regatta.

### 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 the Regatta Chairman or Fleet Captain. 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).**

You have 24 hours from the start of the race to upload and/or correct your results, all results will become final at that time. 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 the Regatta Chairman or Fleet Captain. If, and only if, the site is down or the site is not functioning properly, you will need to email your results the Regatta Chairman or Fleet Captain 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 **4:00 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. The number of trophies given will be awarded as follows:

3 boats:	1 trophy
6 boats:	2 trophies
9 boats:	3 trophies

There will be a maximum of 3 trophies awarded. If possible, the top five boats will be announced. 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
1 <sup>st</sup>	5
2 <sup>nd</sup>	4
3 <sup>rd</sup>	3
4 <sup>th</sup>	2
5 <sup>th</sup>	1

Post-race socials will be held immediately after racing at the GBCA clubhouse, 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 boats 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. Details for the GBCA Club Handicap class is specified in Section VII.

### XII. Race Schedule

Scheduled race dates for the 2022 Icicle Series:

Race	Date	Course
#1	January 8	Standard
#2	January 15	Reverse
#3	January 22	Standard
#4	January 29	Reverse
#5	February 5	Standard

### Questions:

Fleet Captain: Chris May at [may.chris.w@gmail.com](mailto:may.chris.w@gmail.com) or 713.591.8115

PHRF	Start time	PHRF	Start time	PHRF	Start time	PHRF	Start time	PHRF	Start time	PHRF	Start time
285	11:30:00 AM	238	11:36:47 AM	191	11:43:35 AM	144	11:50:22 AM	97	11:57:10 AM	50	12:03:57 PM
284	11:30:09 AM	237	11:36:56 AM	190	11:43:44 AM	143	11:50:31 AM	96	11:57:19 AM	49	12:04:06 PM
283	11:30:17 AM	236	11:37:05 AM	189	11:43:52 AM	142	11:50:40 AM	95	11:57:27 AM	48	12:04:15 PM
282	11:30:26 AM	235	11:37:14 AM	188	11:44:01 AM	141	11:50:48 AM	94	11:57:36 AM	47	12:04:23 PM
281	11:30:35 AM	234	11:37:22 AM	187	11:44:10 AM	140	11:50:57 AM	93	11:57:45 AM	46	12:04:32 PM
280	11:30:43 AM	233	11:37:31 AM	186	11:44:18 AM	139	11:51:06 AM	92	11:57:53 AM	45	12:04:41 PM
279	11:30:52 AM	232	11:37:40 AM	185	11:44:27 AM	138	11:51:14 AM	91	11:58:02 AM	44	12:04:49 PM
278	11:31:01 AM	231	11:37:48 AM	184	11:44:36 AM	137	11:51:23 AM	90	11:58:11 AM	43	12:04:58 PM
277	11:31:09 AM	230	11:37:57 AM	183	11:44:44 AM	136	11:51:32 AM	89	11:58:19 AM	42	12:05:07 PM
276	11:31:18 AM	229	11:38:06 AM	182	11:44:53 AM	135	11:51:41 AM	88	11:58:28 AM	41	12:05:15 PM
275	11:31:27 AM	228	11:38:14 AM	181	11:45:02 AM	134	11:51:49 AM	87	11:58:37 AM	40	12:05:24 PM
274	11:31:35 AM	227	11:38:23 AM	180	11:45:10 AM	133	11:51:58 AM	86	11:58:45 AM	39	12:05:33 PM
273	11:31:44 AM	226	11:38:32 AM	179	11:45:19 AM	132	11:52:07 AM	85	11:58:54 AM	38	12:05:41 PM
272	11:31:53 AM	225	11:38:40 AM	178	11:45:28 AM	131	11:52:15 AM	84	11:59:03 AM	37	12:05:50 PM
271	11:32:01 AM	224	11:38:49 AM	177	11:45:36 AM	130	11:52:24 AM	83	11:59:11 AM	36	12:05:59 PM
270	11:32:10 AM	223	11:38:58 AM	176	11:45:45 AM	129	11:52:33 AM	82	11:59:20 AM	35	12:06:08 PM
269	11:32:19 AM	222	11:39:06 AM	175	11:45:54 AM	128	11:52:41 AM	81	11:59:29 AM	34	12:06:16 PM
268	11:32:27 AM	221	11:39:15 AM	174	11:46:02 AM	127	11:52:50 AM	80	11:59:37 AM	33	12:06:25 PM
267	11:32:36 AM	220	11:39:24 AM	173	11:46:11 AM	126	11:52:59 AM	79	11:59:46 AM	32	12:06:34 PM
266	11:32:45 AM	219	11:39:32 AM	172	11:46:20 AM	125	11:53:07 AM	78	11:59:55 AM	31	12:06:42 PM
265	11:32:53 AM	218	11:39:41 AM	171	11:46:28 AM	124	11:53:16 AM	77	12:00:03 PM	30	12:06:51 PM
264	11:33:02 AM	217	11:39:50 AM	170	11:46:37 AM	123	11:53:25 AM	76	12:00:12 PM	29	12:07:00 PM
263	11:33:11 AM	216	11:39:58 AM	169	11:46:46 AM	122	11:53:33 AM	75	12:00:21 PM	28	12:07:08 PM
262	11:33:19 AM	215	11:40:07 AM	168	11:46:54 AM	121	11:53:42 AM	74	12:00:29 PM	27	12:07:17 PM
261	11:33:28 AM	214	11:40:16 AM	167	11:47:03 AM	120	11:53:51 AM	73	12:00:38 PM	26	12:07:26 PM
260	11:33:37 AM	213	11:40:24 AM	166	11:47:12 AM	119	11:53:59 AM	72	12:00:47 PM	25	12:07:34 PM
259	11:33:45 AM	212	11:40:33 AM	165	11:47:20 AM	118	11:54:08 AM	71	12:00:55 PM	24	12:07:43 PM
258	11:33:54 AM	211	11:40:42 AM	164	11:47:29 AM	117	11:54:17 AM	70	12:01:04 PM	23	12:07:52 PM
257	11:34:03 AM	210	11:40:50 AM	163	11:47:38 AM	116	11:54:25 AM	69	12:01:13 PM	22	12:08:00 PM
256	11:34:11 AM	209	11:40:59 AM	162	11:47:46 AM	115	11:54:34 AM	68	12:01:21 PM	21	12:08:09 PM
255	11:34:20 AM	208	11:41:08 AM	161	11:47:55 AM	114	11:54:43 AM	67	12:01:30 PM	20	12:08:18 PM
254	11:34:29 AM	207	11:41:16 AM	160	11:48:04 AM	113	11:54:51 AM	66	12:01:39 PM	19	12:08:26 PM
253	11:34:37 AM	206	11:41:25 AM	159	11:48:12 AM	112	11:55:00 AM	65	12:01:47 PM	18	12:08:35 PM
252	11:34:46 AM	205	11:41:34 AM	158	11:48:21 AM	111	11:55:09 AM	64	12:01:56 PM	17	12:08:44 PM
251	11:34:55 AM	204	11:41:42 AM	157	11:48:30 AM	110	11:55:17 AM	63	12:02:05 PM	16	12:08:52 PM
250	11:35:03 AM	203	11:41:51 AM	156	11:48:38 AM	109	11:55:26 AM	62	12:02:13 PM	15	12:09:01 PM
249	11:35:12 AM	202	11:42:00 AM	155	11:48:47 AM	108	11:55:35 AM	61	12:02:22 PM	14	12:09:10 PM
248	11:35:21 AM	201	11:42:08 AM	154	11:48:56 AM	107	11:55:43 AM	60	12:02:31 PM	13	12:09:18 PM
247	11:35:29 AM	200	11:42:17 AM	153	11:49:04 AM	106	11:55:52 AM	59	12:02:39 PM	12	12:09:27 PM
246	11:35:38 AM	199	11:42:26 AM	152	11:49:13 AM	105	11:56:01 AM	58	12:02:48 PM	11	12:09:36 PM
245	11:35:47 AM	198	11:42:34 AM	151	11:49:22 AM	104	11:56:09 AM	57	12:02:57 PM	10	12:09:44 PM
244	11:35:55 AM	197	11:42:43 AM	150	11:49:30 AM	103	11:56:18 AM	56	12:03:05 PM	9	12:09:53 PM
243	11:36:04 AM	196	11:42:52 AM	149	11:49:39 AM	102	11:56:27 AM	55	12:03:14 PM	8	12:10:02 PM
242	11:36:13 AM	195	11:43:00 AM	148	11:49:48 AM	101	11:56:35 AM	54	12:03:23 PM	7	12:10:10 PM
241	11:36:21 AM	194	11:43:09 AM	147	11:49:56 AM	100	11:56:44 AM	53	12:03:31 PM	6	12:10:19 PM
240	11:36:30 AM	193	11:43:18 AM	146	11:50:05 AM	99	11:56:53 AM	52	12:03:40 PM	5	12:10:28 PM
239	11:36:39 AM	192	11:43:26 AM	145	11:50:14 AM	98	11:57:01 AM	51	12:03:49 PM	4	12:10:36 PM

**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#: \_\_\_\_\_