



My Rating: \_\_\_\_\_

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

## GBCA

### 2017 Cruzan Rum Race Series Sailing Instructions

Galveston Bay

June 3rd – September 9th, 2017

1500 Marina Bay Dr. Building 113B, Clear Lake Shores, TX 77565

(Changes from last year are indicated in **RED**)

#### I. Introduction

The Rum Race Series will consist of eight 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 **Shorthanded**.

The intent of Rum Race Series is fun, informal racing. No entry fee or form is required to participate; however, **membership in GBCA is kindly requested**. The races are governed by the Racing Rules of Sailing (RRS) **2017-2020**, with the following exceptions:

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 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.

**N29 33.164' W094 59.551'** Clear Lake Entrance Marker #2

#### III. Marks of the Course

Galveston Shellfish Harvesting Boundary Marker "M 52" in Galveston Bay. (See attachment 2)

**N 29° 31.808' W 094° 55.597'** (0.75 nm Southwest of south Boaters' cut marker 8)

"E", 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'** (0.23 nm NNW of the old low range)

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

See the course (and obstructions) here: <http://www.gbca.org/ObstructionMap>

#### IV. Starting Times

The starting times are listed in Attachment #1. Starting times are based on local **Coordinated Universal Time, CDT (UTC-5)**. Participating yachts may obtain the correct **CDT, (UTC-5, synchronized with the atomic clocks)** on any WWV frequency or by calling **1-303-499-7111**.

The start times in Attachment #1 are based on a course length of 11.3 nautical miles, and are computed so that a yacht with a rating of 285 will start at **16:30:00**. 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 or GBCA Club Handicap rating and S be the starting time adjustment in seconds.

$$S = 11.3 \times (285 - R)$$

$$\text{Starting Time} = 16:30:00 + S$$

For example, a J22 has a spin rating of 174 according to PHRF-GB.

$$S = 11.3 \times (285 - 174) = 1254.3s = 20\text{min } 54s$$

$$\text{Starting Time} = 16:30:00 + 1254.3 = 16:50:54$$

## V. Course Description

Two courses will be used for the Rum Race 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 "M52" mark leaving it to port. Sail from Mark "M52" to Mark "E" leaving it to port. Sail from Mark "E" to the 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 "M52" leaving it to starboard. Sail from Mark "M52" to the 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

- Standard Course:
  - #1/#2 to "M52" approximately 3.67 nm bearing approximately 108°
  - "M52" to "E" approximately 4.13 nm bearing approximately 341°
  - "E" to #2 approximately 3.47 nm bearing approximately 218°
- Reverse Course:
  - #2 to "E" approximately 3.47 nm bearing approximately 038°
  - "E" to "M52" approximately 4.13 nm bearing approximately 161°
  - "M52" to #1/#2 approximately 3.67 nm bearing approximately 288°
- The total course length is 11.3 nautical miles

## 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.
- **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.
- **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 **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, **Darin Keever** at [commodore@gbca.org](mailto:commodore@gbca.org). Skippers are urged to obtain a PHRF certificate [[pfrfgb@gmail.com](mailto:pfrfgb@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 Darin Keever at [commodore@gbca.org](mailto:commodore@gbca.org).

[View the current club ratings and recent changes to ratings based on prior performance - http://racing.gbca.org/club.html](http://racing.gbca.org/club.html)

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

### VIII. Special Instructions

Yachts racing in the Rum 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 **Shorthanded** class will display a **white** flag over a **dark** flag.
- 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 the 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** CDT, (UTC-5, 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 Darin Keever at [commodore@gbca.org](mailto:commodore@gbca.org). 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 [commodore@gbca.org](mailto:commodore@gbca.org).

If, and only if, the site is down or the site is not functioning properly, you will need to email your results to [commodore@gbca.org](mailto:commodore@gbca.org) 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 - <http://raceqs.com/regattas/57089>

The race ends at 21:00. Any boat that has not finished by this time 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 **three** boats in each class. **Smaller fleets (less than 8 finishers) may only receive one.** The Award is forfeited if not claimed at the social following the race. By longstanding tradition, winning yachts are encouraged to share their trophies with fellow competitors at the social event. Points will also be given for the series as follows:



Place	Points
1st	8
2nd	7
3rd	6
4th	5
5th	4
6th	3
7th	2
All Finishers	1

Socials will be held at the GBCA clubhouse 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 on the GBCA website one week before the affected race. The GBCA office is located at 1500 Marina Bay Dr., Building 113B, 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. **Yachts must be owned by a GBCA senior member AND, except for the GBCA Club Handicap, have a valid 2017 PHRF-GB certificate as of the date of the last race in the series to be eligible for series awards.** Trophies will be awarded at the Commodore's Ball. Ties at the end of the series will be resolved according to RRS Appendix A.

**There will be an additional trophy for those that finish all races in the series.**

## XII. Race Schedule

Scheduled race dates for the 2017 Rum Race Series:

On RaceQs: <http://raceqs.com/regattas/57089>



Race	Date	Course
#1	June 3	Standard
#2	June 17	Reverse
#3	July 1	Standard
#4	July 8	Reverse
#5	July 22	Standard
#6	August 12	Reverse
#7	August 26	Standard
#8	September 9	Reverse

## XIII. Changes to Sailing Instructions

Any amendments to these Sailing Instructions will be posted on our website <http://gbca.org> and broadcast to all GBCA members via email.

# Attachments:



## Attachment 1 - Start Times (One hour later than 2016)

Rating	Start time	Rating	Start Time	Rating	Start Time	Rating	Start Time
285	16:30:00	218	16:42:37	150	16:55:25	82	17:08:13
284	16:30:11	217	16:42:48	149	16:55:36	81	17:08:25
283	16:30:22	216	16:42:59	148	16:55:48	80	17:08:36
282	16:30:33	215	16:43:11	147	16:55:59	79	17:08:47
281	16:30:45	214	16:43:22	146	16:56:10	78	17:08:59
280	16:30:56	213	16:43:33	145	16:56:22	77	17:09:10
279	16:31:07	212	16:43:44	144	16:56:33	76	17:09:21
278	16:31:19	211	16:43:56	143	16:56:44	75	17:09:33
277	16:31:30	210	16:44:07	142	16:56:55	74	17:09:44
276	16:31:41	209	16:44:18	141	16:57:07	73	17:09:55
275	16:31:53	208	16:44:30	140	16:57:18	72	17:10:06
274	16:32:04	207	16:44:41	139	16:57:29	71	17:10:18
273	16:32:15	206	16:44:52	138	16:57:41	70	17:10:29
272	16:32:26	205	16:45:04	137	16:57:52	69	17:10:40
271	16:32:38	204	16:45:15	136	16:58:03	68	17:10:52
270	16:32:49	203	16:45:26	135	16:58:15	67	17:11:03
269	16:33:00	202	16:45:37	134	16:58:26	66	17:11:14
268	16:33:12	201	16:45:49	133	16:58:37	65	17:11:26
267	16:33:23	200	16:46:00	132	16:58:48	64	17:11:37
266	16:33:34	199	16:46:11	131	16:59:00	63	17:11:48
265	16:33:46	198	16:46:23	130	16:59:11	62	17:11:59
264	16:33:57	197	16:46:34	129	16:59:22	61	17:12:11
263	16:34:08	196	16:46:45	128	16:59:34	60	17:12:22
262	16:34:19	195	16:46:57	127	16:59:45	59	17:12:33
261	16:34:31	194	16:47:08	126	16:59:56	58	17:12:45
260	16:34:42	193	16:47:19	125	17:00:08	57	17:12:56
259	16:34:53	192	16:47:30	124	17:00:19	56	17:13:07
258	16:35:05	191	16:47:42	123	17:00:30	55	17:13:19
257	16:35:16	190	16:47:53	122	17:00:41	54	17:13:30
256	16:35:27	189	16:48:04	121	17:00:53	53	17:13:41
255	16:35:39	188	16:48:16	120	17:01:04	52	17:13:52
254	16:35:50	187	16:48:27	119	17:01:15	51	17:14:04
253	16:36:01	186	16:48:38	118	17:01:27	50	17:14:15
252	16:36:12	185	16:48:50	117	17:01:38	49	17:14:26
251	16:36:24	184	16:49:01	116	17:01:49	48	17:14:38
250	16:36:35	183	16:49:12	115	17:02:01	47	17:14:49
249	16:36:46	182	16:49:23	114	17:02:12	46	17:15:00
248	16:36:58	181	16:49:35	113	17:02:23	45	17:15:12
247	16:37:09	180	16:49:46	112	17:02:34	44	17:15:23
246	16:37:20	179	16:49:57	111	17:02:46	43	17:15:34
245	16:37:32	178	16:50:09	110	17:02:57	42	17:15:45
244	16:37:43	177	16:50:20	109	17:03:08	41	17:15:57



243	16:37:54	176	16:50:31	108	17:03:20	40	17:16:08
242	16:38:05	175	16:50:43	107	17:03:31	39	17:16:19
241	16:38:17	174	16:50:54	106	17:03:42	38	17:16:31
240	16:38:28	173	16:51:05	105	17:03:54	37	17:16:42
239	16:38:39	172	16:51:16	104	17:04:05	36	17:16:53
238	16:38:51	171	16:51:28	103	17:04:16	35	17:17:05
237	16:39:02	170	16:51:39	102	17:04:27	34	17:17:16
236	16:39:13	169	16:51:50	101	17:04:39	33	17:17:27
235	16:39:25	168	16:52:02	100	17:04:50	32	17:17:38
234	16:39:36	167	16:52:13	99	17:05:01	31	17:17:50
233	16:39:47	166	16:52:24	98	17:05:13	30	17:18:01
232	16:39:58	165	16:52:36	97	17:05:24	29	17:18:12
231	16:40:10	164	16:52:47	96	17:05:35	28	17:18:24
230	16:40:21	163	16:52:58	95	17:05:47	27	17:18:35
229	16:40:32	162	16:53:09	94	17:05:58	26	17:18:46
228	16:40:44	161	16:53:21	93	17:06:09	25	17:18:58
227	16:40:55	160	16:53:32	92	17:06:20	24	17:19:09
226	16:41:06	159	16:53:43	91	17:06:32	23	17:19:20
225	16:41:18	158	16:53:55	90	17:06:43	22	17:19:31
224	16:41:29	157	16:54:06	89	17:06:54	21	17:19:43
223	16:41:40	156	16:54:17	88	17:07:06	20	17:19:54
222	16:41:51	155	16:54:29	87	17:07:17	19	17:20:05
221	16:42:03	154	16:54:40	86	17:07:28	18	17:20:17
220	16:42:14	153	16:54:51	85	17:07:40	17	17:20:28
219	16:42:25	152	16:55:02	84	17:07:51	16	17:20:39
		151	16:55:14	83	17:08:02	15	17:20:51



Attachment 2



**Attachment 3**

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