



Chicago Beer Can Series (Regatta)
May 15 – Sept 11, 2019, Wednesday Night
Organizing Authority (OA) – Columbia Yacht Club
Chicago, IL, USA

SAILING INSTRUCTIONS
Amended May 21, 2019

The notation [DP] in a rule in the Sailing Instructions (SIs) means that the penalty for a breach of that rule may, at the discretion of the protest committee, be less than disqualification.

1. RULES

- 1.1. The regatta will be governed by the rules as defined in The Racing Rules of Sailing (RRS).
- 1.2. Lake Michigan Performance Handicap Racing Fleet (LMPHRF) Certificate crew limitations do not apply.
- 1.3. In case of conflict between this NOR and Sailing Instructions (SIs), the SIs shall prevail.
- 1.4. The following prescriptions of the US Sailing national authority will not apply:
 - (a) 63.2
 - (b) 63.4
- 1.5. The following **will** apply:
 - (a) RRS Appendix T (Arbitration)
 - (b) US Coast Guard safety requirements and US Sailing Nearshore safety requirements.
 - (c) A boat shall be equipped with a working GPS and VHF radio capable of broadcasting and receiving.
 - (d) One-Design classes shall digitally provide their class rules to the OA. Classes that intend to invoke their local class rules shall also provide a digital copy to the OA.
 - (e) Images from a drone vehicle shall not be admissible in a protest or redress hearing.
 - (f) Registered boats shall not operate a drone at any time.
- 1.6. Racing rules will be **changed** as follows:
 - (a) RRS 44.1: The first two sentences are replaced with: "A boat may take a One-Turn penalty when she may have broken one or more rules of Part 2 or rule 31 in an incident while racing.
 - (b) RRS 55: Add "Bilge water, bodily fluids and biodegradable sail stops are not trash under this rule.
 - (c) RRS 61.2(e): Add to last sentence: "and at least one phone number for the protestor representative shall be provided".
 - (d) RRS 61.3: The word "delivered" means *either*:
 - i Hand delivery of the protest to the OA's main office.
 - ii Digital delivery of a photograph of the protest via email within the time limit, followed by hand delivery of the protest to the OA upon arrival at the hearing.
 - (e) RRS 62.1(a): Courtesy broadcasts are not considered grounds for redress.

2. NOTICES TO COMPETITORS

Notices to competitors will be posted online at the official notice board located at www.yachtscoring.com. Notices will also be posted on the unofficial notice board at COLYC on the Rail Deck.

3. CHANGES TO SAILING INSTRUCTIONS

Any change to the sailing instructions will be posted before 1800 on the day before it will take effect.

4. SIGNALS MADE ASHORE

Signals made ashore will be displayed at the mast on the Columbia Yacht Club dock and as a courtesy announcement on the VHF race channel 69.

5. SCHEDULE

5.1. Registration opens March 20, 2019 and closes September 10, 2019.

5.2. 2019 Calendar:

Date	Event
May 8	Beer Can Orientation & Starting Gun Party <i>Skippers & Crew are strongly encouraged to attend</i>
May 15	Tune-Up Race
May 22 – July 3	Wednesday Night Races
July 10	Mac Prep, no race – Dead of Summer Dock Party
July 17	Mac Break, no race
July 24 & 31	Wednesday Night Races
August 7	Chicago Race Week COLYC/CYC 100 Boats on a Beer Can Race*
August 14 – September 11	Wednesday Night Races
October 2	Beer Can Bash Awards Party

** An addendum to the NOR's will be published at a later date regarding the inclusion or exclusion of this race in the series' overall scoring.*

6. CLASS FLAGS, SECTION BREAKS and STARTING TIMES

Competitors are advised that classes may be combined in the starting sequence, but shall be scored separately.

Class	Class Flag	Warning Signal	Start	Rating Band (using Beer Can Handicap)
Green	5	1840	1845	All
Jib and Main	4	1845	1850	> 0
Turbo JAM	6	1845	1850	< 0
T-10	0	1845	1850	126
Spin 3	3	1850	1855	> 90
Spin 2	2	1855	1900	73 - 90
J/105	7	1855	1900	87
Spin 1	1	1900	1905	0 - 72
Multihull	8	1905	1910	All

7. RACING AREAS

- 7.1 The location of racing for all classes will be the Chicago Beer Can Race Course, a circle of 8 permanent marks located southwest of the Four-Mile Crib.
- 7.2 All races will start at SA7, the center mark of the racing circle.

8. THE COURSES

- 8.1 The diagrams in Appendix A show the courses, including the approximate angles between legs, the order in which marks are to be passed, and the side on which each mark is to be left, and approximate course length.
- 8.2 No later than the first warning signal, the Race Committee (RC) signal boat will display the course Letter and Number.
- 8.3 The Race Committee may give courtesy radio announcements of the course selected prior to the first start. Additional announcements may be given before each warning/starting signal.

9. AREAS THAT ARE OBSTRUCTIONS

The following areas are designated as obstructions: Coast Guard marks placed around cribs.

10. THE START

- 10.1 Prior to the warning for the first race or during the four-minute period prior to their start, each boat shall check in with and be recognized by the Race Committee by passing close on starboard side of the Signal Boat and hailing their sail number or boat's name. Radio requests for confirmation of check in will not be acknowledged.
- 10.2 To alert the boats that the first sequence of races will begin soon, the Race Committee may make repetitive sound signals at least one minute before the warning signal is made.
- 10.3 The starting line will be between a staff displaying an orange flag on the Race Committee boat at the starboard end and SA7 at the port end of the line. The Race Committee may set a guard mark attached to the stern of the Signal Boat. Yachts shall not pass between the guard mark and the RC boat.
- 10.4 Boats whose warning signal has not been made shall avoid the starting area, approximately 100 yards beyond the ends and leeward of the starting line, during the starting sequence for other races. [DP]
- 10.5 A boat that does not start within 10 minutes after her starting signal will be scored Did Not Start without a hearing. This changes RRS A4 and A5.
- 10.6 In the event of an individual recall, the sail numbers or identification of any boat or boats that are identified as OCS may be announced on the VHF race channel. Failure of a boat to see or hear her recall notification, and the timing and order of such hails, or the length of time it takes to make a notification on the VHF radio will not be grounds for redress. (This changes RRS 29.1 and 62.1 (a).)
- 10.7 In the event of a General Recall, the recalled class will start five minutes after the last scheduled start. If more than one class has been recalled, the additional recalled classes will be restarted at five-minute intervals in the order recalled. This modifies RRS 29.2.

11. CHANGE OF COURSE

To change the next leg of the course, the race committee will move the finishing line to a new position.

12. THE FINISH

- 12.1 The finishing line will be between a staff displaying an orange flag on the finishing mark at the starboard end and the course side of the port-end finishing mark.
- 12.2 If the race committee is absent when a boat finishes, she should report her finishing time, using GPS CDT, and her position in relation to nearby boats, to the race committee at the first reasonable opportunity using the VHF Race Channel.

- 12.3 A boat that retires from a race shall notify the race committee as soon as possible, using the VHF Race Channel or calling Columbia Yacht Club at (312)938-3625, or reporting in person to the Race Committee after docking. [DP][NP]

13. TIME LIMITS

- 13.1 The time limit for all classes is 2100.
13.2 The time limit will not be changed as a result of postponements, general recalls or for any other reason.
13.3 Any boats not finishing within the time designated will be scored TLE (Time Limit Expired). This changes RRS 35.

14. PROTESTS AND REQUESTS FOR REDRESS

- 14.1 Protest forms are available at www.yachtscoring.com.
14.2 Boats intending to protest are required to inform the Race Committee upon finishing or retiring from the race of the protest and the name and/or sail number of the protested yacht.
14.3 For each class, the protest time limit is 2100 on the Thursday immediately following each race. Boats must submit their protest form electronically via www.yachtscoring.com within the time limit.
14.4 Notices of protests by the race committee, technical committee or protest committee will be posted on www.yachtscoring.com.
14.5 The Protest Committee will hear all protests on the Tuesday following the race at 1900 at Columbia Yacht Club, unless otherwise scheduled by the Committee Chair.

15. SCORING

- 15.1 One race is required to be completed to constitute a series.
15.2 The Scoring system is as follows:
(a) Sections will be scored using Time-on-Distance, with the Beer Can Handicap Rating.
(b) The Beer Can Handicap Rating for a boat will be assigned by COLYC taking into account the boat's LMPHRF handicap and/or rating application.
(c) The Low Point Scoring System, RRS Appendix A4, will apply with the following changes:
i Boats failing to finish by 2100 on the day of race will be scored TLE (Time Limit Exceeded) and scored points equal to the number of finishers within their section in that race plus four, but in no case will be scored more than the number of starters plus one within their section. This changes RRS 35.
ii Boats serving as the Race Committee signal boat (other than for the tune-up race and abandoned races) will be scored as if they had placed first in that race. The scores of other boats will not be changed. As a result, there may be two boats scored first place for a race.
(d) RRS Appendix A2 will be changed as follows:

Races Completed In Series	Worst Scores Excluded
< 4	0
4-7	1
8-10	2
>10	3

16. REPLACEMENT OF CREW OR EQUIPMENT [DP]

- 16.1 Substitution of competitors will not be allowed without prior written approval of the race committee.
16.2 Substitution of equipment will not be allowed unless authorized by the race committee. Requests for substitution shall be made to the committee at the first reasonable opportunity.

17. OFFICIAL BOATS

Official boats will be marked as follows: flying an RC flag, blue background.

18. RADIO COMMUNICATION

- 18.1 The Race Committee shall use **VHF Channel 69** (race channel) for courtesy broadcasts and to shorten the course (RRS 90.2(c)).
- 18.2 Each boat shall have their VHF radio turned on to the race channel 60 minutes before the warning signal and until the boat returns to her mooring. [DP]
- 18.3 Except in an emergency, a boat that is racing shall not make voice or data transmissions and shall not receive voice or data communication that are not available to all boats. This restriction also applies to mobile phones.
- 18.4 Commercial pay services, i.e. XM Radio, SailFlow, PredictWind, are considered to be available to all boats.

19. DISCLAIMER OF LIABILITY

- 19.1 Competitors participate in the regatta entirely at their own risk (see RRS 4, Decision to Race).
- 19.2 The race organizers (Organizing Authority, Race Committee, Protest Committee, sponsors or any other organization or official) 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.
- 19.3 By participating in this race, each competitor agrees to release the race organizers from any all liability associated with such competitor's participation in this event to the fullest extent permitted by law.

20. INSURANCE

Each participating boat shall be insured with valid third-party liability insurance with a minimum cover of \$500,000 per event or the equivalent.

21. FURTHER INFORMATION

For further information please contact:

Organizing Authority

Columbia Yacht Club
111 N. Lake Shore Drive
Chicago, IL 60601
312-938-3625

Regatta Chairs

Jay Grizzell
Holly Kawula
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Appendix A – COURSE INFORMATION

The Race Committee (RC) will select a course, by class from the below list. There are 24 possible courses. The course will be displayed on a course board on the RC boat no later than 5 minutes prior to the first warning signal.

MARK LIST

Marks 1-8 are located 1.25 statute miles from SA7 at 45-degree intervals, in a permanent circle.

Course Marks	Approximate Latitude/Longitude		Description
STARTING AREA (SA7)	41 51.17 N	87 33.41 W	White cylinder, Center Mark
1	41 52.26 N	87 33.41 W	White cylinder, with race # 1
2	41 51.94 N	87 32.37 W	White cylinder, with race # 2
3	41 51.17 N	87 31.95 W	White cylinder, with race # 3
4	41 50.40 N	87 32.37 W	White cylinder, with race # 4
5	41 50.08 N	87 33.41 W	White cylinder, with race # 5
6	41 50.40 N	87 34.44 W	White cylinder, with race # 6
7	41 51.17 N	87 34.87 W	White cylinder, with race # 7
8	41 51.94 N	87 34.44 W	White cylinder, with race # 8
FINISH AREA (SA7)	41 51.17 N	87 33.41 W	White cylinder, Center Mark

Long Course – All Classes, except the GREEN class

		HEADINGS to each MARK, round all marks to PORT				
Course Name	Marks	1st Mark	2nd Mark	3rd Mark	4th Mark	5th Mark
L1	SA7-1-8-6-5-SA7	0	245	180	110	0
L2	SA7-2-1-7-6-SA7	45	290	225	160	45
L3	SA7-3-2-8-7-SA7	90	335	270	200	90
L4	SA7-4-3-1-8-SA7	135	20	315	245	135
L5	SA7-5-4-2-1-SA7	180	65	0	290	180
L6	SA7-6-5-3-2-SA7	225	110	45	335	225
L7	SA7-7-6-4-3-SA7	270	155	90	20	270
L8	SA7-8-7-5-4-SA7	315	200	135	65	315
Approximate Course Length = 5.37nm						

Short Course – All Classes EXCEPT the Green Class

HEADINGS to each MARK, round all marks to PORT					
Course Name	Marks	1st Mark	2nd Mark	3rd Mark	4th Mark
S1	SA7-1-8-6-SA7	0	245	180	45
S2	SA7-2-1-7-SA7	45	290	225	90
S3	SA7-3-2-8-SA7	90	335	270	135
S4	SA7-4-3-1-SA7	135	20	315	180
S5	SA7-5-4-2-SA7	180	65	0	225
S6	SA7-6-5-3-SA7	225	110	45	270
S7	SA7-7-6-4-SA7	270	155	90	315
S8	SA7-8-7-5-SA7	315	200	135	360
Approximate Course Length = 4.55nm					

Green Class Only

HEADINGS to each MARK, round all marks to PORT				
Course Name	Marks	1st Mark	2nd Mark	3rd Mark
1	SA7-8-6-SA7	315	180	45
2	SA7-1-7-SA7	0	225	90
3	SA7-2-8-SA7	45	270	135
4	SA7-3-1-SA7	90	315	180
5	SA7-4-2-SA7	135	0	225
6	SA7-5-3-SA7	180	45	270
7	SA7-6-4-SA7	225	90	315
8	SA7-7-5-SA7	270	135	0
Approximate Course Length = 3.71nm				