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# CARLYLE YACHT CLUB

## 2011 Buoy Racing Program

### Notice of Race

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#### SPONSOR

Carlyle Yacht Club, Carlyle Illinois

#### ELIGIBILITY

- The Carlyle Yacht Club racing programs are open to all members in good standing of Carlyle Yacht Club (CYC), having all fees, assessments, and financial obligations due the Club paid in full.
- CYC's Buoy Racing Program is open to self-righting mono-hulled sailboats at least 20' LOA and carrying an internal combustion engine to provide auxiliary power in case of emergency. Outboard engines may be removed from the transom and stowed aboard unless prohibited by class one-design rules.
- Each boat shall have submitted an Event Registration Form prior to racing.
- All boats shall comply with Coast Guard requirements, applicable state and federal laws, and when sailing with a class or one-design handicap rating, her Class Rules.
- Boats shall have a unique and easily recognizable number displayed on both sides of the mainsail. Should a duplicate appear, the Sail Fleet Captain may require either boat to change her sail number.
- Competitors agree to serve as race committee or to set the racecourses on a rotating basis as assigned by the Sail Fleet Captain.
- Questions of eligibility shall be referred to the Carlyle Yacht Club Regatta Committee.

#### RULES

Unless superseded by the Sailing Instructions or this Notice of Race, the International Sailing Federation's *The Racing Rules of Sailing for 2009-2012*, and as appropriate: the *CYC PHRF® Rules and Procedures*, and One Design Class Rules shall govern. The Penalty System in Rules 44.1 and 44.2 is modified by the Sailing Instructions. The Carlyle Yacht Club Series Races are designated Category "A" events.

Retractable keels, centerboards, daggerboards or similar foils shall remain locked in the full-down position while *racing*.

#### REGISTRATION

In addition to the club membership fees, a handicapping declaration form and racing program fees are also due prior to the beginning of the series.

Series	Fee
Three Seasonal Series + Wednesday Navy	\$175
Any Two Series	\$130
Any Single Series	\$80

#### LOCATION AND COURSES

The starting line will generally be in the southern third of Lake Carlyle in Illinois. Courses may be Windward-Leeward, Triangle, variations on Olympic, and Long Distance Closed-Courses. Courses will be chosen appropriately for each Fleet.

## SCHEDULE

For all fleets, there shall be three seasonal series: Spring, Summer and Fall.

Races are scheduled on the dates indicated in the table below. For both Fleets, three races may be attempted on each scheduled race date. Warning signal for the first starting division will be no earlier than 10:55 AM on the day of the race. If no race has commenced by 1:55 P.M. all races shall be abandoned. No warning signal shall be made after 2:55 P.M.

Spring Series	Summer Series	Fall Series
May 21	Jul 9	Aug 27
May 28	Jul 23	Sept 24
May 29	Aug 6	Oct 8
Jun 4	Aug 20	Oct 15
		Oct 22

## PRIZES

Series awards shall be presented in each division for each scheduled series, the number of awards based on the number of boats signed up by the first date of each series. A "boat of the Year" trophy will be awarded in the Open, Heavy, and Jib & Main Divisions to the boats that perform best over the entire season, scored as a long series of 12 (scheduled) race dates.

## Fleets and Divisions

The 2011 CYC Buoy Racing Program provides for two fleets: a Jib & Main (JaM) Fleet and a Spinnaker Fleet. The spinnaker Fleet has an Open Division and a Division for boats having SA/D < 30. Handicapping in all fleets is based on the CYC PHRF Rule.

## SCORING

All Fleets shall be scored according to the CYC-TOT Methodology using the Low Point System as defined in Appendix A of *The Racing Rules of Sailing* for 2009 – 2012. This Methodology yields results in terms of seconds per hour sailed instead of seconds per mile sailed, and permits boats having a wider range of performance potential to be scored versus the Time-on-Distance methodology. Half plus one of the races completed will be included in the series score.

The Boat of the Year competition consists of all races sailed in each of the three series scored together as one long series. Half plus one of the races completed will be included in the series score.

## JIB AND MAIN FLEET

The Jib and Main (JaM) Fleet is open to otherwise eligible boats racing with certain equipment restrictions:

- No spinnaker, gennaker, blooper, or similar sail shall be used.
- No jib in excess of 155% according to the measurement definition in the *CYC PHRF® Rules and Procedures* shall be used

## SPINNAKER FLEET

### Divisions and Series

The SPINNAKER Fleet has two Divisions to better accommodate the keelboats racing on Carlyle Lake. Boats in this fleet are not restricted with respect to sails employed beyond the requirements of their class one-design rule. Both Divisions of this Fleet are scheduled to sail every race of the Spring, Summer, and Fall Series.

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*Heavy Division*

Open to otherwise eligible boats having an upwind sail area to displacement ratio of less than 30.0 calculated as follows:  
 $SA/D = \text{Sail Area in Square Feet} / (\text{Designed Sailing Weight in lbs} / 64)^{2/3}$ . Handicap ratings in this Division shall be supplied by the CYC Handicapping Committee according to the CYC-PHRF Methodology.

*Open Division*

Open to any otherwise eligible boat sailing in one-design (factory) trim. Handicap ratings shall be supplied by the CYC Handicapping Committee according to the *CYC PHRF® Rules and Procedures*.

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## 2011 Buoy Racing Program

### Sailing Instructions

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**The safety of one's boat and crew is the sole responsibility of each boat's skipper, as is the decision to race, and to continue to race. Each skipper should make an individual assessment of his boat, his crew's capabilities, and weather conditions in making this determination.**

The Notice of Race for the CYC Buoy Racing Program is incorporated into these Sailing Instructions by reference.

#### **NOTICES TO COMPETITORS**

Notices to competitors will be posted on the CYC Bulletin Board inside the "Galley" at West Access Marina.

#### **CHANGES IN SAILING INSTRUCTIONS**

Will be posted on the CYC Bulletin Board inside the "Galley" at West Access Marina.

#### **SIGNALS MADE ASHORE**

No signals shall be made ashore.

#### **SCHEDULE OF RACE**

- No Warning Signal shall be made before 10:55 AM on the day of the race.
- No Race will be started unless the Sail Fleet Captain or his designee determines there is a consistent breeze of 4 knots of wind over the entire area of the racecourse. Races will be postponed to await sufficient wind to race. Postponement will be signaled by Answering Pennant, optionally accompanied by two sounds. If no race has commenced by 1:55 P.M. all races shall be abandoned. No warning signal shall be made after 2:55 P.M.
- If the RC deems conditions suitable, it will begin another race sequence as soon as practical after the completion of the first race.
- The Sail Fleet Captain or his designee for any reason directly affecting the safety or fairness of the Race may abandon a race even after it has concluded. (Rule 32.1.e)

#### **THE COURSE**

- One of several courses shall be selected for each race and fleet. A diagram showing the layout of the courses is attached to these instructions.
- Courses will be designated on a board and displayed on the RC Boat. The Sail Fleet Captain or his designee shall select the courses and make the decision to start or abandon any race.
- The Course Board on the RC Boat shall indicate the approximate two digit compass heading to the first mark.
- The course board can indicate courses for as many as four starting divisions, read left to right, top to bottom.

#### **MARKS**

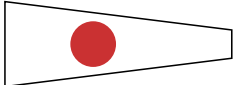
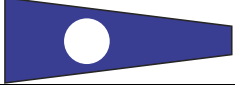
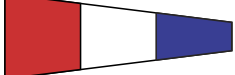
The base triangle will be marked with inflatable buoys, international orange in color. These orange marks will serve as the Leeward, Jibe, and Windward marks. The Starting Pin will be a tall, narrow international orange pin buoy.

#### **THE START**

- Races will be started in accordance with 2009-2012 US Sailing Rules, Rule 26, Starting Races.
- Prior to the first start, a courtesy YELLOW "on-station" flag shall be flown. This flag will be doused with one sound approximately 1 minute from the commencement of the initial starting sequence.

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- Divisions shall be started in a back to back fashion. For the second and subsequent Starting Divisions, the Warning Signal shall be the dousing of the prior Starting Division flag. The intent is that Starting Division flags are simultaneously doused and hoisted, but this is not guaranteed and shall not be considered grounds for protest.
- Starting divisions shall be:

Starting Division	Scoring Division	Starting Division Flag
Division 1	OPEN Division of the SPIN Fleet	
Division 2	HEAVY Division of the SPIN Fleet	
Division 3	JaM Fleet	

## RECALLS

Recalls shall be signaled according to RRS 29. In the event of a *General Recall*, the recalled division will move to the end of the rolling sequence. The First Substitute pennant will fly until the Preparatory signal of the next division in the sequence is doused.

## START/FINISH LINE

- Shall be between the main mast of the RC auxiliary and a mark or pin.
- In the case of the RC acknowledging finishes from a launch, the finish will be between the Mark-set boat's helmsman's seat and a mark.
- When serving as the starboard end of the starting/finishing line, the RC boat is a mark of the course. Any auxiliary boat(s) which may be attached to the RC Boat including the attachments and fenders are also considered parts of the mark.

## SHORTENING COURSE

- A course may be shortened for all or any one of the starting divisions as the Sail Fleet Captain and/or RC deem necessary.
- The RC Boat will fly code flag "S" and periodically sound two sounds to signal that the course has been shortened.
- A course shall always be shortened "to the finish". What this means in practice is that when approaching the leeward mark and the RC is flying code flag "S", boats should simply finish the race by crossing the finish line as if she had completed her whole course.
- All marks of the course normally rounded as part of the course must be rounded except for the turning mark closest to the finish line.

## THE FINISH

- All finishes shall be made between the main mast of the RC Boat (or the helmsman's seat of launch) and the finish mark, sailing from the direction of the previous mark of the course.
- The RC shall acknowledge each boat's finish. A boat is not finished until the RC has acknowledged her.
- A boat dropping from a race before finishing shall inform the RC by either sailing past the RC Boat and notifying the RC they have withdrawn from the race, hailing another racing boat of their intention to withdraw requesting this other boat to inform the RC, or contacting the RC Boat via radio (VHF Channel 69).
- The RC is presumed to be "on-station" and ready to record finishes even if the blue "on-station" flag is not displayed. The Start/Finish line is always "closed".
- Display of the Code Flag "H" at the end of a race indicates that racing is over for the day and to head to the harbor.

## **PENALTY SYSTEM**

- Penalties apply as described in Rules 44.1 and 44.2 with the following exception: if at the time of the rule infraction a spinnaker is hoisted, an offending boat can exonerate herself by fully lowering her spinnaker to the deck, completing one turn including one tack and one gybe in the same direction, and re-hoisting and flying her spinnaker.
- At the option of offending boat, she may choose a 20% Scoring Penalty as allowed under Rule 44.3 by displaying a yellow flag at the first reasonable opportunity after the incident, keeping it displayed until finishing, and calling attention to it at the finishing line. The boat will inform the RC the identity of the other boat(s) involved.

## **TIME LIMITS – BOUY COURSES**

- If the lead boat of a Division does not round the first mark within forty minutes of her start, the race shall be abandoned.
- If the lead boat of a Division does not complete the course within two hours of her start, the race shall be abandoned.
- The Sail Fleet Captain may, at his discretion, start the next race of the day even if some boats in the previous race have not finished, and these shall be scored in last place. This provision is sometimes used when a boat or two is significantly behind the remainder of the competitors.

## **PROTESTS**

- Protests shall follow Rule 61.
- Immediately upon completing a race, a boat intending to file a protest must notify the RC (on the water) of her intention to protest and must identify the protested boat.
- Protests are to be submitted using The Racing Rules of Sailing Protest Form. Protests are to be mailed to the Protest Committee Chairman, postmarked by 12 midnight the Tuesday following the race. The Name and Address of the Protest Chairman are at the end of these instructions.
- The Protest Chairman will make a reasonable attempt to schedule a hearing that is convenient to everyone involved. If however, a second proposed date cannot be met by one of the parties, and no representative for the skipper can attend, the protest decision will default to the attending party.
- Members must mail or otherwise deliver completed protest forms to: Mr. Ted Beier CYC Protest Committee Chairman, 5614 Rosa St. Louis, Mo. 63109

## **SCORING**

- The Low Point Scoring System as described in Appendix A4 will be used with the following exception: When serving as Committee Boat (RC), a boat will receive the average of all of her finishes (before “throw outs”) for the series in which she started, rounded off to the nearest one hundredth of a whole number.
- Ties at the end of a Series will be broken in accordance of Appendix A8.

## **BOUY COURSES**

There are three styles of buoy courses used at CYC. The courses are patterned after championship-type racecourses, but finishes are always made downwind, and the start/finish line is never moved. Except for this, the courses may be thought of as Windward-Leeward, Triangle, and Olympic courses. The “letter” part of a course designation indicates its “style”. The number indicates (roughly) the number of laps to be sailed around the course. The Olympic style course is odd in this respect, so skippers are advised to pay special attention to it. The O1 course amounts to a shortened Olympic course, whilst the O2 course approximates a “full” Olympic course. The buoy courses are designated as indicated in the figure.

**Short Courses**

- W1 *A finish*
- W2 *ACA finish*
- W3 *ACACA finish*
  
- T1 *AB finish*
- T2 *ABCAB finish*
- T3 *ABCABCAB finish*
  
- O1 *ABCA finish*
- O2 *ABCACA finish*
- O3 *ABCACABCA finish*

**A**

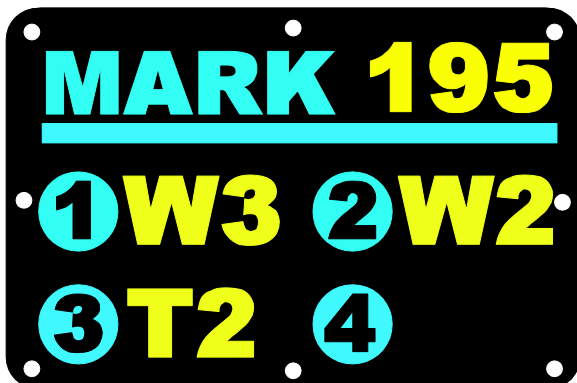
**B**

**C**



**COURSE BOARD**

The CYC Course Board is laid out as indicated in the figure. The heading to the windward mark is indicated on the top line of the board. The board may indicate up to four starting divisions – the numbers in blue circles indicate the division, and the course to be sailed by each division is indicated immediately to the right of it.



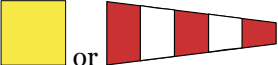
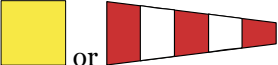

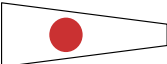



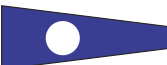



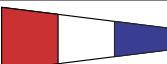
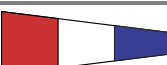

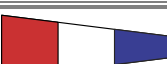

# CARLYLE YACHT CLUB

## Signal Summary

**The following material is not a part of the Sailing Instructions, but is provided as a supplement. If there is any conflict between this and the RRS in force, the RRS shall govern.**



### STARTING SEQUENCE

CYC starts races according to the sequence specified in RRS 26. The progress of the starting sequence is signaled to the competitors by means of flags. As a courtesy, a sound may accompany each step of the process; sounds are indicated by the \* symbol. When the start of a division is signaled by striking its division flag, the next division's flag is immediately flown – it should look from a distance like the flags simply changed before our eyes. The example here covers four starting divisions. When the Around-the-Ends rule is in effect, Code Flag I will replace Code Flag P

Signal	Flags and Sounds	Meaning
On Station or AP	 or  *	The starting sequence for Division 1 will begin soon. All other boats should get clear of the starting area.
	 *	The starting sequence for Division 1 will begin in about one minute. All other boats should get clear of the starting area.
Numeral 1	 *	Division 1 will start in 5 minutes
Numeral 1 Code P	  *	Division 1 will start in 4 minutes
Numeral 1	 *	Division 1 will start in 1 minute
Numeral 2	 *	Division 1 starts, Division 2 will start in 5 minutes
Numeral 2 Code P	  *	Division 2 will start in 4 minutes
Numeral 2	 *	Division 2 will start in 1 minute
Numeral 2	 *	Division 2 starts Division 3 will start in 5 minutes
Numeral 2 Code P	  *	Division 3 will start in 4 minutes
Numeral 3	 *	Division 3 will start in 1 minute
	 *	Division 3 starts

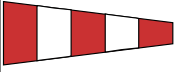


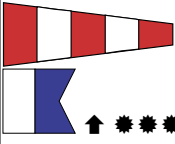
## RECALLS

Recall signals ought to be flown from the *front* of the Signals Boat.





Signal	Flag and Sound	Meaning
Code Flag X	 ↑ ●●●	Individual Recall: one or more identifiable boats are recalled to start the race properly.
First Substitute	 ↑ ●●●	General Recall: all boats for this division are recalled to start the race properly.

## POSTPONEMENT, ABANDONMENT, AND WRAP-UP

Races may be postponed for a number of reasons. Races are usually abandoned because of poor racing conditions.

Signal	Flag and sound	Meaning
Answering Pennant	 ↑ ●●●	All races not yet started are postponed. The warning signal for the next division to start will be made one minute after this flag is struck.
Code flag N	 ↑ ●●●●	All races that have been started are abandoned. Return to the starting area: there may be another race. The warning signal for the first division to start will be made one minute after this flag is struck.
Code flag N with code flag A	 ↑ ●●●●	All races that have been started are abandoned. No more racing today.
AP with code flag A	 ↑ ●●●●	No more racing today.

## OTHER SIGNALS

Signal	Flag and sound	Meaning
Code Flag S	 ↑ ●●●	The course has been shortened. Should be flown from the <i>front</i> of the Signals Boat.
Blue Flag	 ↑	The RC is in position on the finish line. Boats not finishing must not cross the finish line.
Code Flag L	 ↑ ●	Come within hailing distance
Code Flag I		Used in place of Code Flag P when the Around-the-Ends rule is invoked

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# CARLYLE YACHT CLUB

## 2011 CYC Buoy Series Event Registration Form

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Owner's Name: \_\_\_\_\_ Boat Name \_\_\_\_\_

Name (print): \_\_\_\_\_ Phone # work \_\_\_\_\_ home \_\_\_\_\_ cell \_\_\_\_\_

Address: \_\_\_\_\_

E-Mail Address(s) \_\_\_\_\_

### Boat Information:

Make/Class of Boat: \_\_\_\_\_ Sail # \_\_\_\_\_

This boat appears on the CYC Valid List and has not been modified since the rating was issued  Yes  No  
If yes, skip the rest and sign. Otherwise complete the descriptive section below.

List all modifications to the hull, rig, interior, or sail plan that vary from the usual and standard ("showroom configuration") for your Class/ Model of boat. If you need more space, use the back of this form or attach your own

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If largest headsail is >155%? Specify size: \_\_\_\_\_ %      If largest headsail is <150%? Specify size: \_\_\_\_\_ %

Spinnaker Pole Length:  Standard (equal to J)  Other (specify length) \_\_\_\_\_  Standard for type

Mast Height:  Standard for Model  Tall rig

Keel:  Fin  Shoal Draft  Keel/Centerboard  Wing  Swing  Daggerboard  Centerboard

Propulsion:  Outboard  Inboard  If Inboard  Exposed Shaft  Sail Drive  In Aperture

Propeller  Fixed 2 Blade  Fixed 3 Blade  Folding or Feathering

### By Signing Below:

I agree to abide by the current US Sailing Racing Rules, The CYC PHRF Rule and CYC's Sailing instructions and agree to abide by the rules set forth in these documents.

### ATTESTATION & RELEASE

I hereby attest that the measurement information given above is true and correct to the best of my knowledge, and affirm that I have been advised and informed of the inherent hazards of sailboat racing. I understand that sailboat racing involves certain inherent risks: falling overboard, hypothermia, drowning, rope burns, impact injuries, crushed fingers, hands or extremities, and that other injuries requiring medical attention may occur. I still choose to proceed with sailboat racing in spite of the possible absence of medical assistance and rescue craft at the race site. I understand and agree that Carlyle Yacht Club and any of its employees, officers, agents or assigns, (the Released Parties) may not be held liable or responsible in any way for any injury, death, or other damages to me or my family, heirs, or assigns that may occur as a result of my participation in this racing program or as a result of the negligence of any of them. In consideration of being allowed to participate in this program, I hereby save and hold harmless said Released Parties and, I personally assume all risks in connection with said program, for any harm, injury or damage that may befall me while I am a participant in this program, including all risks connected therewith, whether foreseen or unforeseen.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_