

# FOND DU LAC SAILING CLUB RACING RULES (Cruising class)

The FDLSC adheres to the rules and regulations as specified by USSA with the following additions:

## SAFETY:

- A. You are expected to operate your yacht with proper regard for safety and courtesy at all times and to render all possible assistance to any person or yacht in peril.
- B. You are expected to carry all safety items required by the DNR and Coast Guard regulations for your size and type of yacht.
- C. Pulpits and lifelines are suggested.
- D. Competitors single-handing a yacht should wear an approved PFD at all times.

## JUDGING:

- A. Every club race should have two (2) judges in the race committee boat.
- B. If you cannot judge on your date, find your own replacement and notify the race committee chairman of the change.
- C. The race committee chairman or his agent will remind each judge within one week prior to their judging date.
- D. If a judge does not show or abandons his position, the race may be run under an alternate method of starting and each yacht shall take her own elapsed time.
- E. The judge or race committee is not responsible for the abandoning of a race.

### 1. PROTESTS & PENALTIES:

- A. Protests will be processed per the most current USSA book.
- B. Protests must be filed within two hours of the time the last yacht finishes her race.
- C. The penalty for a rule infraction is a 720-degree turn.
- D. Touching a mark requires a 360-degree turn.

### 2. TIME LIMIT:

- A. The course will be closed one (1) hour after the first boat finished for buoy races, and two (2) hours for 15-miler races.

### 3. SCORING & RATING:

- A. Two (2) boats are needed to constitute a race.
- B. An allowance of one throw out for every four consecutive races completed to improve standings for the Thursday and Sunday series. Any canceled Holiday race will be rescheduled.
- C. Ratings under the PHRF system may be adjusted by the race committee by 5% if a request for change is presented listing reasons for the request.
- D. Yachts racing will use a blended PHRF rating.
  - 1. Blended rating = Simple average of ratings in the current PHRF book.
- E. Any skipper disputing the rating given by the race committee will be required to provide a current Lake Michigan PHRF certificate.

### 4. POINTS:

- A. Did not finish (DNF) = number of starters + 1.
- B. Did not start (DNS) = number of starters + 2.
- C. If a spinnaker is not used, then the non spinnaker rating will apply.

#### D. POSITION POINTS:

- 1. 0.75 points for first place.
- 2. 2 points for second place.
- 3. 3 points for third place.
- 4. 4 points for fourth place. 5. 5 etc.

- E. Points accrued by a yacht apply in the point standings as long as the yacht is under one ownership. Points accrued after change of ownership begins after the date of transfer. Points accrued before change of ownership end at the time of transfer.
- F. Yachts not sailed by owner must have a Sailing Club member on board.
- G. The judge will earn points equal to his average finishing position for the series.

## **COURSES:**

- A. Races will be sailed in a "natural course" pattern (string method) unless otherwise written on the judge's board.
- B. The judge SHOULD WRITE the course information on the board.
- C. A judge may shorten the course.
- D. The finish is between the last buoy and the race committee boat unless there is no committee boat.
- E. Spinnakers cannot be flown before the starting signal.
- F. The judge should indicate on the score sheet for each race which yachts flew spinnakers.

## **TIME LIMITS ON RACES**

The time limit for buoy races is one half hour for each leg, example: (A)CBAC = four legs = two hours.

Fifteen Mile race time limit is 5.5 hours.

These time limits only apply to the lead boat. If the lead boat makes the time limit then the race will continue for all boats.

The first mark in a race must be reached by any boat in one hour from the start time of the first boat to start. Failure to do so cancels the race.

## **SAILS & LEGAL SAIL DEFINITIONS:**

- A. Any yacht that uses an illegal sail will be disqualified.
- B. Oversize sails and poles can be used only with a proper penalty assessed PRIOR to the race.

## **DEFINITION OF YACHT TYPE:**

- A. For the purposes of the FDLSC Rules, a cruising yacht (spinnaker or non-spinnaker), must meet one of the following conditions:
  - 1. Be self righting and have a self-bailing cockpit.
  - 2. Be self-righting and have full flotation.
  - 3. Have specific approval of the race committee.

## **TIES:**

- A. See USSA rules.

## **CRUISING CLASS RATING / ADJUSTMENTS**

The Cruising Class Rating shall consist of the boat's PHRF Rating assigned by the race committee, with the following adjustments:

- a. Fixed 3-blade propeller +9 sec./mi.
- b. Fixed 2-blade propeller +6 sec./mi.
- c. Roller furling headsail +6 sec./mi.
- d. Roller furling mainsail +9 sec./mi.
- e. Jib LP less than 140 of J +9 sec./mi.
- f. Jib LP greater than 155% of J -6 sec./mi.\*\*
- g. Jib or Genoa older than 7 years +3 sec./mi.
- h. Mainsail older than 7 years +3 sec./mi.

(Note: \*\* = plus PHRF Rating Adjustment of -6 sec./mi.)

Rating adjustments must be applied for in advance of correction adjustments with a form provided by the race committee.

Non Spinnaker adjustment to PHRF rating

$$M/G \text{ Ratio} = (I \times J) / (P \times E)$$

Measurements

I = Base of mast to forestay attachment point on mast

J = Mast base to forestay attachment point on deck

P = Luff length of main sail

E = Foot length of main sail

M/G ratio	Adjustment:
from to	+ sec.per mile
.50 .59	+24
.60 .69	+23
.70 .79	+22
.80 .89	+21
.90 .99	+20
1.00 1.09	+19
1.10 1.19	+18
1.20 1.29	+17
1.30 1.39	+16
1.40 1.49	+15
1.50 1.59	+14

GPS Coordinates for the buoy markers:

"A" Buoy.....N 43.48.383.....W088.26.483  
"B" Buoy.....N 43.49.000.....W088.27.333  
"C" Buoy..... N 43.49.617.....W088.26.483  
"D" Buoy..... N 43.49.000.....W088.25.633  
"F" Buoy.....N 43.53.300.....W088.22.450  
"G" Buoy..... N 43.52.370..... W088.27.050

Orange Buoy: N 43.48.020.....W088.26.125 (Yacht Club)