



## **LYRA 2010 REGATTA SPONSORED BY:**



AND



### Hosted by the **Buffalo Yacht Club**

One Porter Avenue  
Buffalo, NY 14201

**July 27<sup>th</sup> – August 1<sup>ST</sup>, 2010**

### **Sailing Instructions**

#### **1 RULES**

- 1.1** The regatta will be governed by the rules as defined in the *Racing Rules of Sailing*.
- 1.2** Any questions about these Sailing Instructions must be submitted in writing to the Buffalo Yacht Club / LYRA Principal Race Officer. The questions and answers, if applicable, will be posted on the BYC official notice board and, for the Centennial and Founder's Races, on the notice boards at Sugarloaf Yacht Club and the Erie Yacht Club, respectively.
- 1.3** Individual Class Association Rules will apply for fleets racing as one design. PHRF-LE rules will apply to boats using a PHRF handicap for scoring purposes. The IRC 2010 rules parts A, B, and C will apply to boats using the IRC rating system, except that IRC rule 22.4.2 will not apply. If a boat is to be scored under both PHRF-LE and IRC, a penalty for violating a PHRF-LE handicap rule will only be applied for the purpose of PHRF scoring, and a penalty for violating an IRC class rule will only be applied for the purpose of IRC scoring. This changes rule 64.1 (a).

## 2 ADVERTISING

Advertising is permitted in accordance with ISAF Code 20.

## 3 NOTICES TO COMPETITORS

Notices to competitors will be posted on the Official Notice Board(s) located as follows:

- a) Founders Cup Race: Erie Yacht Club: On the porch window.
- b) Centennial Race: Sugarloaf Marina: Notice board in the main building
- c) Freeman Cup and LYRA Day Course Races: BYC – On Official Notice Board located at the Front Terrace Windows (on west side of building, north window).

## 4 CHANGES IN SAILING INSTRUCTIONS & DIVISION SPLITS

Any changes in the Sailing Instructions and notice of division assignments will be posted by the following times:

- a) Founder's Cup Race - 1600 hrs Monday, July 26 at the Erie Yacht Club
- b) Centennial Race - 1600 hrs Monday, July 26 at the Sugarloaf Marina
- c) Freeman Cup Races - 1600 hrs Wednesday, July 28 at the BYC
- d) Day Course Races - any change to the Sailing Instructions shall be posted before 0800 hrs on the day it will take effect. Division assignments shall be posted by 1600hrs Thursday, January 29, 2010.

## 5 SIGNALS MADE ASHORE

5.1 Signals made ashore will be displayed from the flagpole in front of the respective starting club.

5.2 When flag AP is displayed ashore, it means "Yachts are to remain in the harbor. The warning signal will be made not less than 60 minutes after 'AP' is lowered". This changes Race Signals AP.

## 6 LAUNCH DEADLINE

All boats participating in the Day Races shall be afloat before 0900 hrs. on the day that their class begins racing.

## 7 REGISTRATION AND SCHEDULE OF RACES

### **Register at: [YACHTSCORING.COM](http://YACHTSCORING.COM)**

#### 7.1 Founders Cup Race:

**Tuesday, July 27, 2010**

Late Registration/Check-in:

1800-1830 hrs, Monday, July 26 @ Erie YC (cash or check only).

Competitor's Meeting:

none

First Warning:

0600 hrs, Tuesday, July 27

Time limit:

2000 hrs, Tuesday, July 27

**7.2 Centennial Cup Race:** **Tuesday, July 27**  
 Late Registration: July 24, 2010; 1700 – 1800 hrs at Youngstown Yacht Club (cash or check only).  
 Late Registration/Check-in: Tuesday July 27 0900 – 0915 at the Race Committee boat docked at the Sugarloaf Marina in Port Colbourne (cash or check only)  
 Competitor’s Meeting: none  
 First Warning: 1100 hrs, Tuesday, July 27  
 Time limit: 2000 hrs, Tuesday, July 27

**7.3 Freeman Cup Races:** **Wednesday, July 28, 2010**  
 Late Registration/Check-in: 1600-1630 hrs, Wednesday, July 28 at the BYC  
 Competitor’s Meeting: 1600 hrs, July 28 in the main tent.  
 Crew Lists: Final Crew Lists must be submitted by 1700 hrs, Wednesday, July 28.  
 First Warning: 1800 hrs, Wednesday July 28  
 Time limit: 1800 hrs, Thursday, July 29

**7.4 Three-Day Course Racing:** **Friday, July 30, 2010 – Sunday, August 1, 2010**  
 Late Registration/Check-in: 1600 – 2000 hrs, Thursday, July 29, 2010 @ BYC and 0800 – 0830 hrs, Friday, July 30, 2010 @ BYC  
 Competitor’s Meeting: 1900 hrs, July 29 in the main tent.  
 First Warning: 1000 hrs, Friday, July 30 – Sunday, August 1  
 No start sequence will commence after 1630 hours on Friday or Saturday, or after 1430 hours Sunday.

**7.5 Two-Day Course Racing:** **Saturday, July 31 - Sunday, August 1, 2010**  
 Late Registration/Check-in: 1600 – 2000 hrs, Friday, July 30, 2010 @ BYC and 0800 – 0830 hrs, Saturday, July 31, 2010 @ BYC  
 Competitor’s Meeting: 1800 hrs, July 30 in the main tent.  
 First Warning: 1000 hrs, Saturday, July 31 – Sunday, August 1  
 No start sequence will commence after 1630 hours on Saturday, or after 1430 hours Sunday.

**7.6 AWARDS PRESENTATIONS**

Awards for the Long Distance Races will be presented on Friday, July 30 approximately 1900 hrs under the tent at the BYC. Awards for the Day Course Race Series and overall championships will be presented on Sunday, August 1st approximately 1700 hrs under the tent at the BYC

**8 RACING AREA**

The racing area will be in the waters of Lake Erie for all races.

**9 RETIREMENTS**

Boats retiring from the Founders Cup, the Centennial Race, or the Freeman Cup Races shall report their retirement to race headquarters at the first possible opportunity, either by VHF on channel 79 or by cell phone to (716-861-3700 OR 716-435-5944).

## **10 COURSES**

The courses are described in Appendices A – E. Note that coordinates indicated for specific marks are given for reference only and are believed accurate. Errors in these coordinates will not be grounds for redress. This changes rule 62.1(a).

## **11 MARKS**

Marks and their locations for each race are specified in Appendices A – E.

## **12 CHECK IN PRIOR TO STARTING**

Each boat shall sail past the stern of the committee boat and hail its sail number before it starts its first race of the day. A boat will not be considered checked in unless they hear their sail number repeated to them by the race committee. When attempting to check in, boats shall stay out of the starting area between the preparatory signal and the start signal for any other class.

## **13 THE START**

- 13.1** Races will be started using the instructions in Appendices A-E. The starting line locations are also described in Appendices A -E.
- 13.2** The starting line for each race will be as specified in Appendices A-E.
- 13.3** Boats which are not starting shall stay out of the starting area between the preparatory signal and the start signal for any other class.
- 13.4** A boat starting later than 4 minutes after her starting signal will be scored Did Not Start. This changes rule A4.
- 13.5** In the event of an individual recall, the Race Committee may announce via VHF and/or loud hailer the sail number and/or boat name of each premature starter. See Appendices A-E for applicable VHF channels for each race. Failure of a boat to hear her recall, the order in which the numbers are announced, or the Race Committee to announce individual recalled boats, will not be grounds for redress. This changes rule 62.1(a).

## **14 CHANGE OF COURSE AFTER THE START**

To change the next leg of the course, the race committee will lay a new mark (or move the finishing line) and remove the original mark as soon as possible. When in a subsequent change a new mark is replaced, it will be replaced by an original mark.

## **15 THE FINISH**

- 15.1** For the Founders and Centennial Races, the finish line will be between R14 and G13 as described in Appendices A and B.
- 15.2** For the Freeman Cup Races the finish line will be between R2 and the staff displaying an orange flag on the committee boat as described in Appendix C
- 15.3** For the Day Course Races, the finishing line will be between a staff displaying an orange flag or shape on the RC boat and the finishing mark as described in Appendix D. The RC boat will fly flag “R” while boats are finishing to indicate a race to follow.

## **16 SUNSET & SUNRISE**

- 16.1** For the Freeman Cup Race the individual race instructions (Appendix C) state the times of sunset and sunrise, Eastern Daylight Time. At sunset, or five (5) minutes after a yacht's start, whichever occurs later, rule 17 will be replaced by the following until sunrise:
- 16.2** When two yachts on the same tack are within three overall lengths (of the larger yacht) of each other, the yacht being overtaken shall maintain her proper course. The overtaking yacht shall keep clear.

## **17 PROTESTS**

- 17.1** Protests shall be written on US Sailing protest forms. These forms will be available at the BYC Information Desk.
- 17.2** Protests for the Centennial Race and the Founders Cup shall be filed at the BYC Information Desk by 1500 hrs July 28, 2010.
- 17.3** Protests for the Freeman Cup Race shall be filed at the BYC Information Desk by 0900 hrs Friday July 30, 2010.
- 17.4** Protests for the Day Course Races on each course shall be filed at the BYC Information Desk within one hour after the respective Race Committee boat for that course has docked at BYC. The arrival time of each Race Committee Boat will be posted on the official notice board. The same time limit shall apply for protests lodged by the Race Committee.
- 17.5** Protests for the Founders Cup, the Centennial Race, and the Freeman Race will be heard as soon as practicable after completion of the day races on Friday July 30.
- 17.6** For the Long Distance and Day Course Races, notices will be posted on the BYC Notice Board within 10 minutes of being filed to inform competitors as to the time and place of hearings in which they are parties or witnesses.
- 17.7** For the Day Course Races, on the last day of the Regatta a request for reopening a hearing shall be delivered within the protest time limit if the party requesting the reopening was informed of the decision on the previous day, or no later than 30 minutes after the party requesting reopening was informed of the decision on that day. This changes rule 66.
- 17.8** Protestors protesting a violation of a class rule are responsible for providing an up-to-date copy of the class rules to the protest committee.

## **18 PENALTY SYSTEMS**

- 18.1** For the Centennial Race, Founders Cup Race and Freeman Cup Races only, the 20% Scoring Penalty (rule 44.3) will apply.
- 18.2** For the Farr 30 Class only: A boat that may have broken a rule of part 2 while racing may take a One- Turn Penalty. However if a boat breaks a rule of Part 2 within the Zone of any rounding or finishing marks, her penalty shall be a TWO-Turn Penalty. Rule 44.3, Scoring Penalty, shall not apply. This amends rule 44.1.

## **19 SCORING**

- 19.1** For all 3 Day Course Race Series, each boat's series score will be the total of all her individual race scores, excluding her worst score if six or more races are completed, except the Farr 30 fleet and the IRC overall championship where the boats score will be the sum of all of her races without discard. For all 2 Day Course Race Series, each boat's series score will be the total of all her individual race scores, excluding her worst score if five or more races are completed.
- 19.2** PHRF classes will be scored using time-on-distance handicaps provided by PHRF-LE. Boats may provide a valid PHRF certificate from another PHRF organization but their rating will be adjusted by the regatta chairman and PROs to correlate with PHRF-LE ratings.
- 19.3** For scoring purposes, yachts scored DSQ will receive points equal to the total number of registered boats in that division or class plus two (2). Yachts scored DNF will receive points equal to the total number of finishers in that division plus one (1). These change rule A4.2.
- 19.4** Scoring for LYRA championships are described in Appendix F of this document.

## **20 TIME LIMITS**

Time limits will be in effect for all races as specified in Appendices A – D.

## **21 HAUL-OUT RESTRICTIONS**

Boats may not be hauled during the Regatta without the prior permission of the Principal Race Officer or Protest Committee Chair. An exception may be granted to One-Design boats that are normally hauled between race days during the Day Race Series. A list of such One-Design classes will be posted by the Principal Race Officer on the official notice board.

## **22 COMMUNICATION**

- 22.1** While racing, a boat shall neither make radio, telephone or computer transmissions, nor receive radio, cell phone or computer communications not available to all boats, except in the case of a life-threatening emergency. The only other exception is that a crew member may place or receive a cell phone call of a personal nature that does not involve the exchange of information which could affect the boat's outcome in the race. Any penalty under this instruction will be at the discretion of the Protest Committee.
- 22.2** The Race Committee may make announcements on the water using the VHF radio channels specified in Appendices A-E. Note that such announcements are a courtesy only and the failure of the Race Committee to make announcements will not be grounds for granting redress. This changes rule 62.1 (a)

## **23 RESPONSIBILITY**

Sailing is an activity that has an inherent risk of damage and injury. Competitors in this event are participating entirely at their own risk. See rule 4, Decision to Race. The Regatta Organizers (LYRA, BYC, the Race Committee, and Protest Committee, sponsors or any other organization or official) will not be responsible for damage to any boat or other property or the injury to any competitor, including death, sustained as a result of participation in this event. By participating in this event, each competitor agrees to release the Regatta Organizers from any and all liability associated with such competitor's participation in this event, to the fullest extent permitted by law.

## **24 INSURANCE**

- 24.1** The safety of a boat, her crew and entire management shall be the sole and inescapable responsibility of the owners or owner's representative.
- 24.2** Each boat is required to hold adequate third-party insurance and it is the owner or owner's representative's sole and inescapable responsibility to ensure that the insurance is in place and is adequate prior to participating in this event. LYRA or the BYC Registrar may request a copy of the insurance binder.

## **25 PHOTOGRAPH & VIDEO RIGHTS**

All marks, pictures, video and audio recordings, graphic logos and service names contained herein or produced during the Regatta by or on behalf of LYRA or BYC is property of either LYRA or BYC or their respective members. No rights are granted to use marks, pictures, graphic logos and service names without permission.

## **26 PRIZES**

Prizes will be awarded as specified in Appendix F of this document.

# Appendix A

## The Founders Cup Race

### Tuesday, July 27th, 2010

#### A1. THE COURSE

From the Starting Line off the Erie Yacht Club, leave the Buffalo Harbor North Channel entrance Light House to Port (approximately located at  $42^{\circ}52.24'N$ -  $078^{\circ}54.14'W$  ; all Governmental Navigation Marks starting at the Buffalo light house and continuing to the Buffalo Yacht Club must be left on their proper side; to the Finishing Line at the Buffalo Yacht Club.

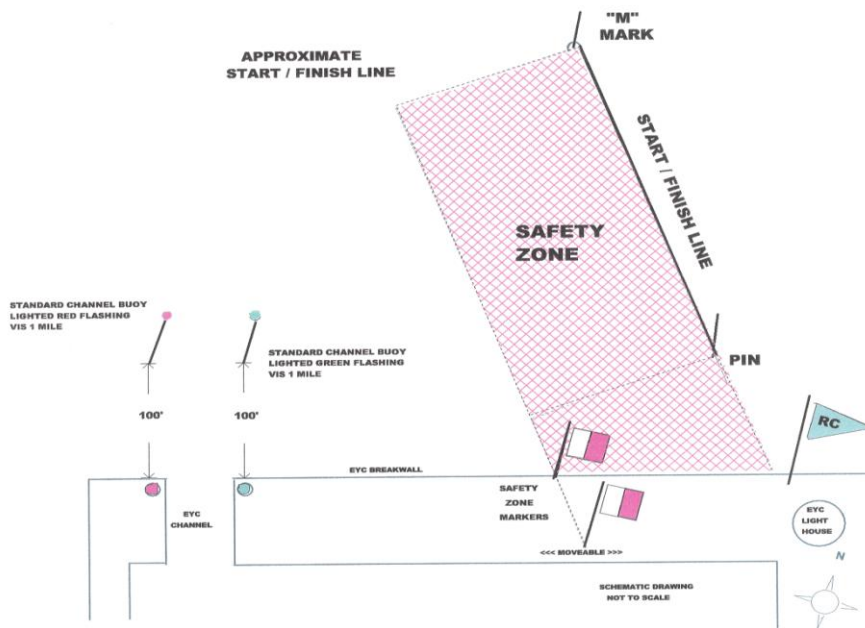
#### A2. DIVISIONS

**A2.1** All divisions will sail the same course. All divisions will start at the same time.

**A2.2** Division splits will be posted on the official notice board at the Erie Yacht Club.

#### A3. THE START

The start will be between "M" MARK and the PIN directly outside the ERIE YACHT CLUB basin. All signals shall be made on shore at the R/C location. All as displayed below.



#### A4. THE FINISH

**A4.1** The finish will be in front of the Buffalo Yacht Club between Government channel markers R14 approximately at  $42^{\circ}53.823' N$ ,  $78^{\circ}54.153' W$  and G13 approximately at  $42^{\circ}53.825' N$ ,  $78^{\circ}54.205' W$ .



**A4.2** In the event nobody is on the BYC outer docks taking finishing times, the yacht shall take her own time as her bow passes between the boat side of the finish marks. All such times shall be reported to the BYC Information Center within one hour of finishing.

**A5. TIME LIMIT**

For the Founders Cup Race, the time limit will be 2000 hours, Tuesday, July 27th, 2010.

**A6. RADIO COMMUNICATIONS**

The applicable VHF channel for this course is 79.

# Appendix B

## The Centennial Race

Tuesday July 27, 2010

### **B1. THE COURSE**

From the Starting Line near EA2 a Red Can off of Cassaday Point, Port Colbourne, Canada; leave the red can (another EA2) off Point Abino to port (located approximately at 42°:49.69'N –079°:05.80'W); leave the Buffalo Harbor North Channel entrance Light House to Port (approximately located at 42°52.24'N- 078°54.14'W ; all Governmental Navigation Marks starting at the Buffalo light house and continuing to the Buffalo Yacht Club must be left on their proper side; to the Finishing Line at the Buffalo Yacht Club.

### **B2. DIVISIONS**

**B2.1** All divisions will sail the same course. Each division shall be designated by the RC signal boat by a numeral pennant indicating the division number. Divisions will start in reverse numerical order, but this may be changed at the discretion of the Race Committee, and will not be grounds for redress. This changes *rule* 62.1 (a).

**B2.2** Division splits and starting order will be posted on the official notice board at the Sugarloaf Marina.

### **B3. THE START**

The start will be between the staff bearing an orange flag on the Race Committee boat to starboard and an inflatable mark to port, in the area of Navigation Mark EA2 (located approximately at 42°50.40'N 079°14.22'W), a Red Can off of Cassaday Point, Port Colbourne, Canada

### **B4. THE FINISH**

**B4.1** The finish will be in front of the Buffalo Yacht Club between Government channel markers R14 approximately at 42°53.823' N, 78°54.153' W and G13 approximately at 42°53.825' N, 78°54.205' W.

**B4.2** In the event nobody is on the BYC outer docks taking finishing times, the yacht shall take her own time as her bow passes between the Finish marks. All such times shall be reported to the BYC Information Center within one hour of finishing.

### **B5. TIME LIMIT**

For the Centennial Race, the time limit will be 2000 hours, Tuesday, July 27, 2010.

### **B6. RADIO COMMUNICATIONS**

The applicable VHF channel for this course is 79.

## Appendix C

# The Freeman Cup Race

Wednesday, July 28<sup>th</sup>, 2010

### **C1. THE COURSE**

#### **C 1.1 BUOYS TO PORT (Red flag on Committee Boat)**

From the start, leaving the North Entrance to the Buffalo Harbor; (EA2) off Point Abino leave to starboard; round Mohawk Island Buoy to port, round R2 to port near Dunkirk New York; to the finish at R4 Buffalo (R4 to be left on starboard).

#### **C1.2 BUOYS TO STARBOARD (Green flag on Committee Boat)**

From the start, leaving the North Entrance to the Buffalo Harbor, round R2 to starboard near Dunkirk, New York, round the Mohawk Island Buoy to starboard, leave (EA2) off Point Abino to port; finish at R4 Buffalo.

#### **C1.3 MARKS**

**C 1.3.1** R4 Start and Finish mark is a red buoy at approximately 42°52.15'N, 078°53.94'W

**C 1.3.2** Point Abino EA2 red buoy approximately at 42°:49.69'N -079°:05.80'W

**C 1.3.3** The Mohawk Island buoy is a red buoy at approximately 42°48.80' N, 079°31.00' W

**C 1.3.4** The Dunkirk R2 mark is a Red buoy located at approximately 42°29.82'N, 079°21.08W.

### **C2. SUNRISE & SUNSET**

**C2.1** Sunset, Wednesday, July 28th is scheduled for 2042 hrs EDT.

**C2.2** Sunrise, Thursday, July 29, is scheduled for 0602 hrs EDT.

### **C3. DIVISIONS**

**C3.1** All divisions will sail the same course. Each division will be designated by the RC signal boat by a numeral pennant indicating the division number. Divisions will start in reverse numerical order, but this may be changed at the discretion of the Race Committee, and will not be grounds for redress. This changes rule 62.1(a).

**C3.2** Division splits and starting order will be posted on the official notice board at Buffalo Yacht Club.

### **C4. THE START**

The starting line will be between the orange flag on the Race Committee boat to Starboard and R4 a red Buoy on port at approximately 42°52.15'N, 078°53.94'W.

## **C5. MARK ROUNDINGS**

- C5.1** All yachts shall log times of rounding marks and crossing the Finish Line. At least two members of the crew shall actually see and identify the mark being rounded in order that the boat may claim to have rounded.
- C5.2** When rounding marks or finishing after sunset and before sunrise, a strong light shall be shown on sail numbers for at least thirty seconds. In conditions of poor visibility, it shall be the responsibility of the skipper of a boat that is finishing to ensure, by radio contact or other means, that the boat has been observed and correctly identified by the Race Committee.

## **C6. THE FINISH**

- C6.1** The Finishing Line will be between the staff displaying an orange flag on the Race Committee boat to starboard and R4 to port.
- C6.2** Boats racing in the Freeman Cup race which expect to finish before 0900 hrs, Thursday, July 29, are requested to notify the Race Committee two hours before their anticipated arrival time via a cell phone call to (716) 861-3700, or by radio on VHF Channel 79.
- C6.3** In the event that the Race Committee is not on station, each boat finishing shall take her own time as she passes abeam of the finish mark, leaving it to port at a bearing at a 90° magnetic from the direction of the last mark, no farther than 100 feet away. All such times shall be reported to the BYC Information Center within two hours of finishing.

## **C7. TIME LIMIT**

For the Freeman Cup Race the time limit will be 1800 hours, Thursday July 29, 2010.

## **C8. CREW LIST**

All yachts competing in this race **must** submit a complete crew list with names, addresses, and contact telephone numbers of all aboard. Crew lists may be submitted to the BYC Registrar at the time of registration/check-in, or delivered to the BYC Information Desk by 1700 hrs, July 28, 2010. ***Any yacht failing to submit a crew list by 1700 hrs. on Wednesday, July 28, 2010, will not be scored.***

## **C9. RADIO COMMUNICATIONS**

The applicable VHF channel for this course is 79.

## Appendix D

# The Day Course Race Series (2 & 3-Day)

July 30th to August 1st, 2010

### D1. COURSES

- D1.1** Except in case of heavy seas, there will be Two (2) course areas designated “A” or “B”. Assignments of classes and divisions to courses will be posted by 1800 Thursday July 29 on the Official Notice Board at the BYC. In case of heavy seas all fleets will sail on the “C” or “D” course. Boats should monitor their radios to determine if the “C” or “D” course will be used.
- D1.2** Detailed information on each course, including the course location, is given in Appendixes E1, E2, E3 and E4.
- D1.3** The Race Committee may, at its discretion, hoist flag L, and move a course to a different location.
- D1.4** Prior to the warning signal, the Race Committee signal boat will display the Course number, magnetic heading and distance to the far windward mark. The information will be posted either horizontally or vertically with the first or top number being the Course number, the middle 3 digit number being the magnetic heading and the bottom or last number being the approximate distance to the far weather mark. The distance to the short weather mark for course A and B will be .25 to .75 less than the distance to the far weather mark, the bearing will be the same as displayed. The distance to the short weather mark for course C will be .5 to 1.5 less than the distance to the far weather mark, the bearing will be the same as displayed. The race committee will attempt to broadcast the courses on the designated VHF channel prior to the warning signal for the first class.
- D1.5** Change of course before a start

A change of course before the start of any class may be signaled from the race committee signal boat, before the preparatory signal, by hoisting the flag C with repetitive sounds and posting the new approximate compass bearing to the first mark. The class starting for which the change has been signaled and all subsequent classes to start will sail to the change mark which will be orange with a black band for the far weather mark (mark 1) and yellow for the short weather mark (mark 1A). Any further changes will use the original color course mark.

### D2. MARKS

Specific mark descriptions for each course are given in Appendix E1, E2 E3 and E4.

### D3 DIVISIONS

**D3.1** Each division will be designated by the RC signal boat by a colored shape corresponding with the divisions fleet flag color. Divisions will start in the order as posted per D3.2 but this may be changed at the discretion of the Race Committee., and will not be grounds for redress. This changes rule 62.1 (a).

In the event all divisions are combined and sailing on course “C” and “D” the boats originally designated to sail on course “A” will start first and follow their posted sequence and the course “B” boats shall follow the course “A” boats in the starting sequence.

**D3.2** Division splits and starting order will be posted on the Official Notice Board at Buffalo Yacht Club by 0800 Thursday July 29 for 3-day course racing and by 0800 Friday July 30 for 2-day course racing.

**D3.3** All divisions will fly identifying flags as follows. Flags will be of non-fading material, a minimum of 4" x 12" and shall be flown visibly above the stern rail. Where two colors describe flags, the order of colors will be located diagonally from top of fly to bottom of hoist, with the first named color above the other at the hoist.

Spinnaker 1& IRC 1	White
Spinnaker 2 & IRC 2	Blue
Spinnaker 3	Blue and White
Spinnaker 4	Pink
Spinnaker 5	Purple
Farr 30	Neon Green
Beneteau 36.7	Yellow
LEVEL 72	Orange and Black
M & J 1	Grey
M & J 2	Dark Green

### D4. THE START

**D4.1** The start will be between the orange flag on the Race Committee boat to starboard and inflatable orange mark to port.

**D4.2** No start sequence will commence after 1630 hours on any course on Friday, July 30 or Saturday, July 31. On Sunday, August 1, no start sequence will commence after 1430 hours on any course.

**D4.3** Each succeeding race for a given division on a given day will start as soon as practicable after the finish of the previous race for that division. Within

the time limits described in D4.4, the Race Committee on each course will conduct as many races per day as it deems possible.

#### **D5. THE FINISH**

The Finish Line will be between a staff displaying an orange flag on the Race Committee Boat and the adjacent Finish Mark.

For course A and B the Finish mark is placed to starboard of the committee boat for downwind finishes and to port of the committee boat for upwind finishes.

For course C the Finish mark is placed to port of the committee boat for the finish.

#### **D6. TIME LIMIT**

**D 6.1** The time limit for the first boat to sail the course in each fleet is 2 hours.

**D 6.2** Boats still racing more than 30 minutes after the first boat finishes in each fleet will be scored TLE (time limit expired). Boats scored TLE will be scored 2 points more than the last boat to finish within the finishing window, but not worse than DNF, without a hearing. This changes rules 35, 63.1, A4.1, and A5.

#### **D7. RACE COURSE LOCATIONS**

The CENTER of course A is located approximately 3.2 miles south of government buoy R-4 (just west of the North Channel entrance to Buffalo).

The CENTER of course B is located approximately 1.5 miles south of government buoy R-4 (just west of the North Channel entrance to Buffalo).

The START area for course C and D is used is located at the lighthouse located at the North entrance channel to Buffalo. Approximate coordinates are: 42.52.55N 078.53.75W

# Appendix E1

## Course A

### 1 SIGNAL BOAT

The signal boat for this course will display SIGNAL BOAT flag A and this may be removed just prior to the first race of the day.

### 2 START SEQUENCE AND CLASS FLAGS

Start	Classes	Backstay Flag
1	IRC 1 and Spinnaker 1	White
2	Farr 30	Neon Green
3	IRC 2 and Spinnaker 2	Blue
4	Level 72	Orange and Black
5	Beneteau 36.7	Yellow

### 3 RADIO COMMUNICATIONS

The applicable VHF channel for this course is 79.

### 4 THE COURSE

**4.1** The compass bearing and distances to mark 1 will be displayed on the signal vessel before the warning signal.

**4.2** The far weather mark (#1) will be orange, the short weather mark (#1A) will be green, the leeward mark (#2) will be yellow and the finish mark will be white. Change marks for the far weather mark will be orange with a black band, for the short weather mark it will be yellow and for the leeward mark it will be green.

**4.3** Course description as displayed on the signal boat:

#### Course 3:

3 Legs to be sailed. Windward/leeward and finish to weather.

Spinnaker 1 and 2, IRC 1 and 2, Farr30's and to sail; Start to Mark 1, to Mark 2 to Finish on leg 3.

Level 72 and Beneteau 36.7s to sail; Start to Mark 1A to mark 2 to finish on leg 3.

#### Course 4:

4 Legs to be sailed. Windward/ leeward /Windward and finish to leeward.

Spinnaker 1 and 2, IRC 1 and 2 to sail: Start to mark 1, to mark 2, to mark 1 to finish on leg 4.

Farr 30s to sail: Start to mark 1, to mark 2, to mark 1A to finish on leg 4.

Level 72 and Beneteau 36.7s to sail: Start to mark 1A, to mark 2, to mark 1A to finish on leg 4.

#### Course 5:



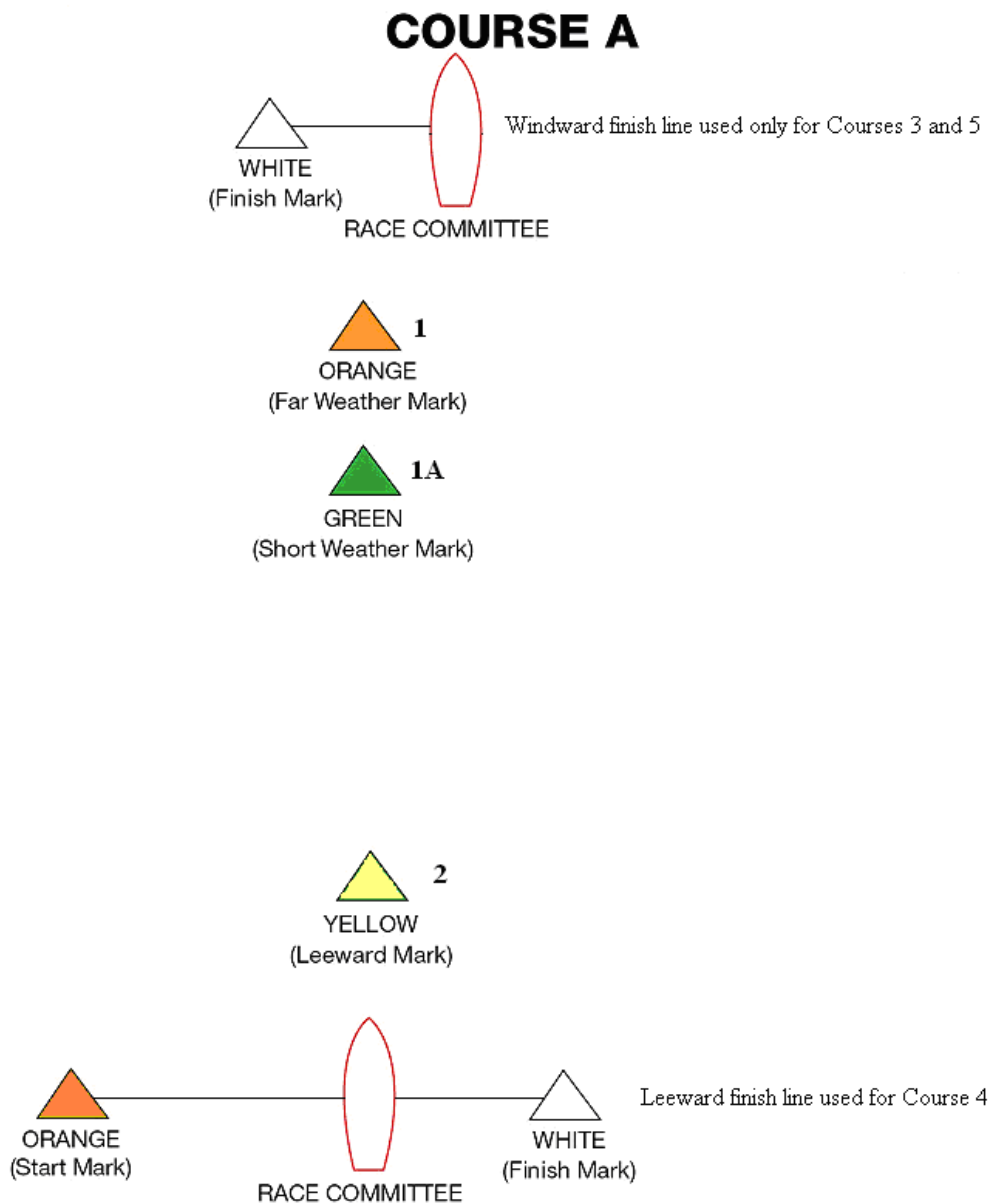
5 legs to be sailed. Windward/leeward/windward/leeward and finish to windward.

Spinnaker 1 and 2, and IRC 1 and 2 to sail: Start to mark 1, to mark 2, to mark 1, to mark 2, to finish on leg 5.

Farr 30 to sail: Start to mark 1, to mark 2, to mark 1A, to mark 2, to finish on leg 5.

Beneteau 36.7 and Level 72 to sail: Start to mark 1A, to mark 2, to mark 1A, to mark 2, to finish on leg 5.

**4.4 Course Diagram.** All weather marks, jibe marks and leeward marks are to be rounded to port.



# Appendix E2

## Course B

### 1 SIGNAL BOAT

The signal boat for this course will display SIGNAL BOAT flag B and this may be removed just prior to the first race of the day.

### 2 START SEQUENCE AND CLASS FLAGS

Start	Classes	Backstay Flag
1	M & J 1	Gray
2	M & J 2	Dark Green
3	Spinnaker 3	Blue and White
4	Spinnaker 4	Pink
5	Spinnaker 5	Purple

### 3 RADIO COMMUNICATIONS

The applicable VHF channel for this course is 71.

### 4 THE COURSE

**4.1** The compass bearing and distances to mark 1 will be displayed on the signal vessel before the warning signal.

**4.2** The far weather mark (#1) will be orange, the short weather mark (#1A) will be green, the wing mark (#2) (only used by Main & Jib boats) will be orange, the leeward mark (#3) will be yellow, the finish mark will be white. Change marks for the far weather mark will be orange with a black band, the short weather mark will be yellow and the leeward mark will be green.

**4.3** Course description as displayed on the signal boat:

#### Course 3:

Windward/leeward and finish to weather.

M & J 1 to sail; Start to Mark 1, to Mark 2 to Mark 3 to Finish above Mark 1.

M & J 2 to sail; Start to Mark 1A, to Mark 2 to Mark 3 to finish above Mark 1.

Spinnaker 3 and 4 to sail; Start to Mark 1 to Mark 3 to finish on leg 3.

Spinnaker 5 to sail; Start to Mark 1A to Mark 3 to finish on leg 3.

#### Course 4:

M & J 1 to sail; Start to Mark 1, to Mark 2 to Finish.

M & J 2 to sail; Start to Mark 1A, to Mark 2 to Finish.

Spinnaker 3 and 4 to sail; Start to Mark 1 to Mark 3 to Mark 1 to Finish

Spinnaker 5 to sail; Start to Mark 1A to Mark 3 to Mark 1A to Finish

**Course 5:**

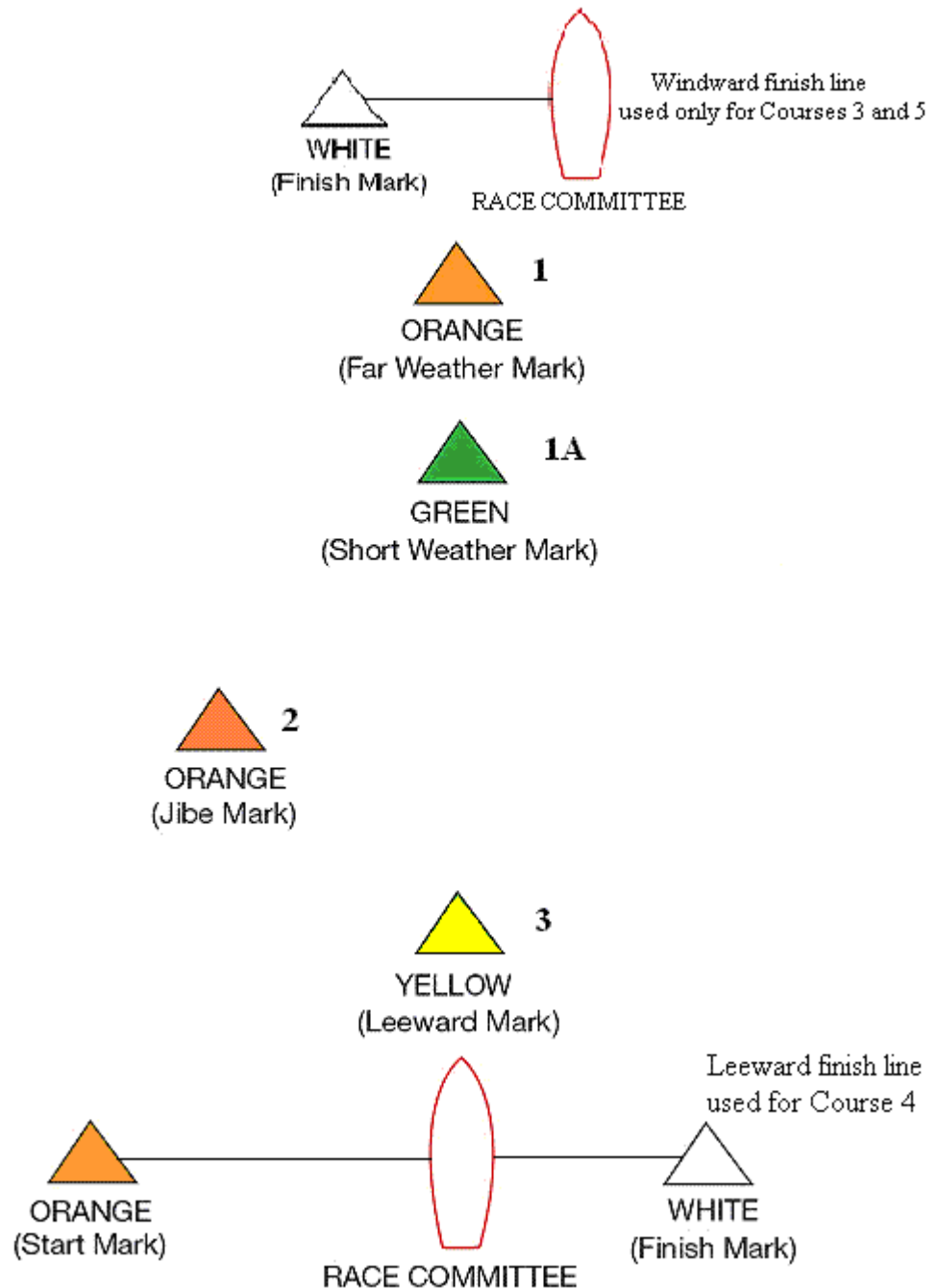
M & J 1 to sail; Start to Mark 1, to Mark 2 to Mark 3 to Finish above Mark 1.

M & J 2 to sail; Start to Mark 1A, to Mark 2 to Mark 3 to finish above Mark 1.

Spinnaker 3 and 4 to sail; Start to Mark 1 to Mark 3 to Mark 1 to Mark 3 to finish on leg 5.

Spinnaker 5 to sail; Start to Mark 1A to Mark 3 to Mark 1A to Mark 3 to finish on leg 5.

## COURSE B



# Appendix E3

## Heavy Seas Course C

### 1 SIGNAL BOAT

The signal boat for this course will display SIGNAL BOAT flags A and B and these may be removed just prior to the first race of the day.

### 2 START SEQUENCE AND CLASS FLAGS

Start	Classes	Backstay Flag
1	IRC 1 and PHRF 1	White
2	Farr 30	Neon Green
3	IRC 2 and PHRF 2	Blue
4	Level 72	Orange and Black
5	Beneteau 36.7	Yellow
6	M & J 1	Gray
7	M & J 2	Dark Green
8	Spinnaker 3	Blue and White
9	Spinnaker 4	Pink
10	Spinnaker 5	Purple

### 3 RADIO COMMUNICATIONS

The applicable VHF channel for this course is 79.

### 4 THE COURSE

**4.1** The compass bearing and distances to mark 1 will be displayed on the signal vessel before the warning signal.

**4.2** The far weather mark (#1) will be orange, the middle weather mark (#1A) will be green, the short weather mark(#1B) will be orange, the wing mark (#2) (only used by Main & Jib boats) will be orange, the leeward mark (#3) will be yellow, the finish mark will be orange. Change marks for the far weather mark will be orange with a black band, the middle weather mark (#1A) will be yellow and the short weather mark (#1B) will be white and the leeward mark will be green.

**4.3** Course description as displayed on the signal boat:

#### Course 2:

2 Legs to be sailed. Windward/ leeward

Spinnaker 1 and 2, IRC 1and 2, Farr 30s, Level 72 and Beneteau 36.7s to sail:  
Start to mark 1, to finish. .

M & J 1 to sail; Start to Mark 1A, to Mark 2 to Finish.

M & J 2 to sail; Start to Mark 1B, to Mark 2 to Finish.

Spinnaker 3 and 4 sail; Start to Mark 1A to Finish

Spinnaker 5 to sail; Start to Mark 1B to Finish

#### Course 4:

4 Legs to be sailed. Windward/ leeward /Windward and finish to leeward.

Spinnaker 1 and 2, IRC 1 and 2 to sail: Start to mark 1, to mark 3, to mark 1 to finish on leg 4.

Farr 30s to sail: Start to mark 1, to mark 3, to mark 1A to finish on leg 4.

Level 72 and Beneteau 36.7 to sail: Start to mark 1A, to mark 3, to mark 1A to finish on leg 4.

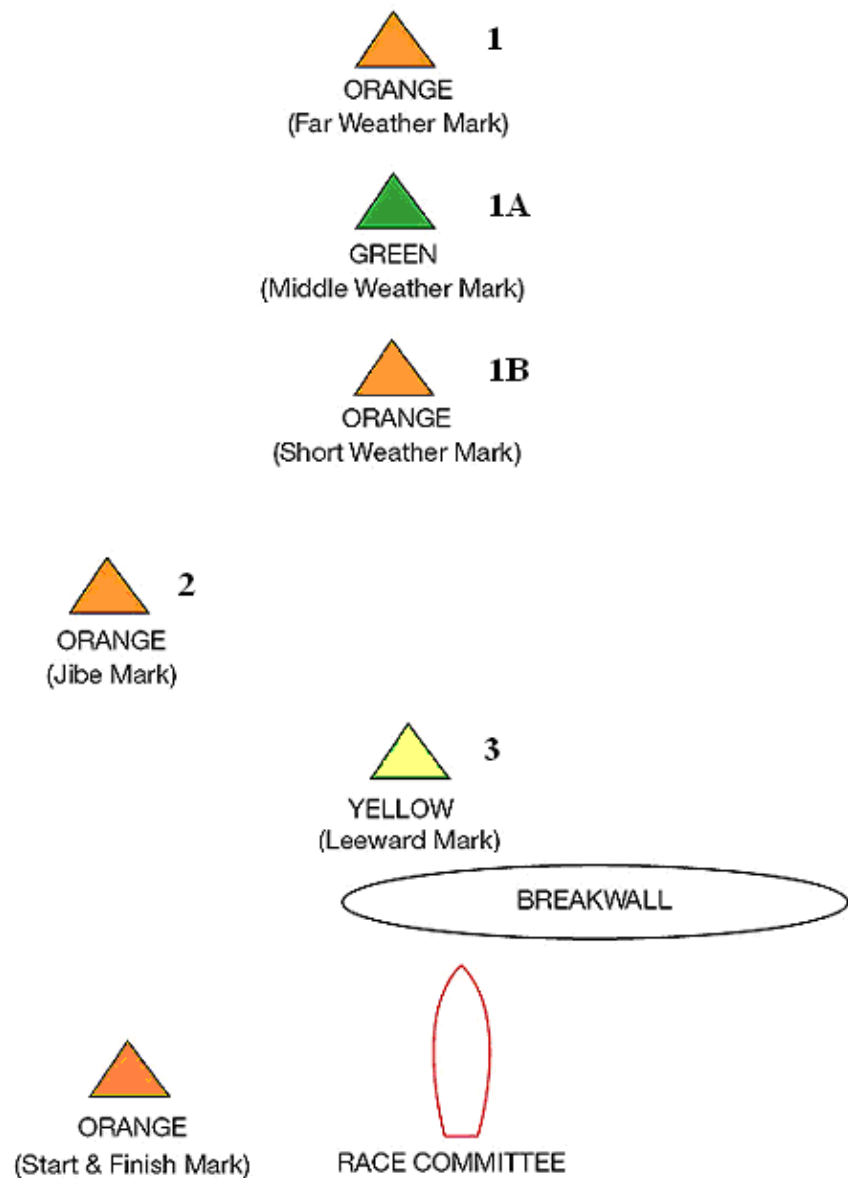
M & J 1 to sail; Start to Mark 1A, to Mark 2 to Finish.

M & J 2 to sail; Start to Mark 1B, to Mark 2 to Finish.

Spinnaker 3 and 4 sail; Start to Mark 1A to Mark 3 to Mark 1B to Finish

Spinnaker 5 to sail; Start to Mark 1B to Mark 3 to Mark 1B to Finish

## **COURSE C (HEAVY SEAS)**



**Appendix E4**  
**ALTERNATE HEAVY SEAS**  
**COURSE D**  
**GOVERNMENT, CLUB FIXED, AND DROPPED MARKS**

**1 SIGNAL BOAT**

The signal boat for this course will display SIGNAL BOAT flags A and B and these may be removed just prior to the first race of the day.

**2 START SEQUENCE AND CLASS FLAGS**

Start	Classes	Backstay Flag
1	IRC 1 and Spinnaker 1	White
2	Farr 30	Neon Green
3	IRC 2 and Spinnaker 2	Blue
4	Level 72	Orange and Black
5	Beneteau 36.7	Yellow
6	M & J 1	Gray
7	M & J 2	Dark Green
8	Spinnaker 3	Blue and White
9	Spinnaker 4	Pink
10	Spinnaker 5	Purple

**3 RADIO COMMUNICATIONS**

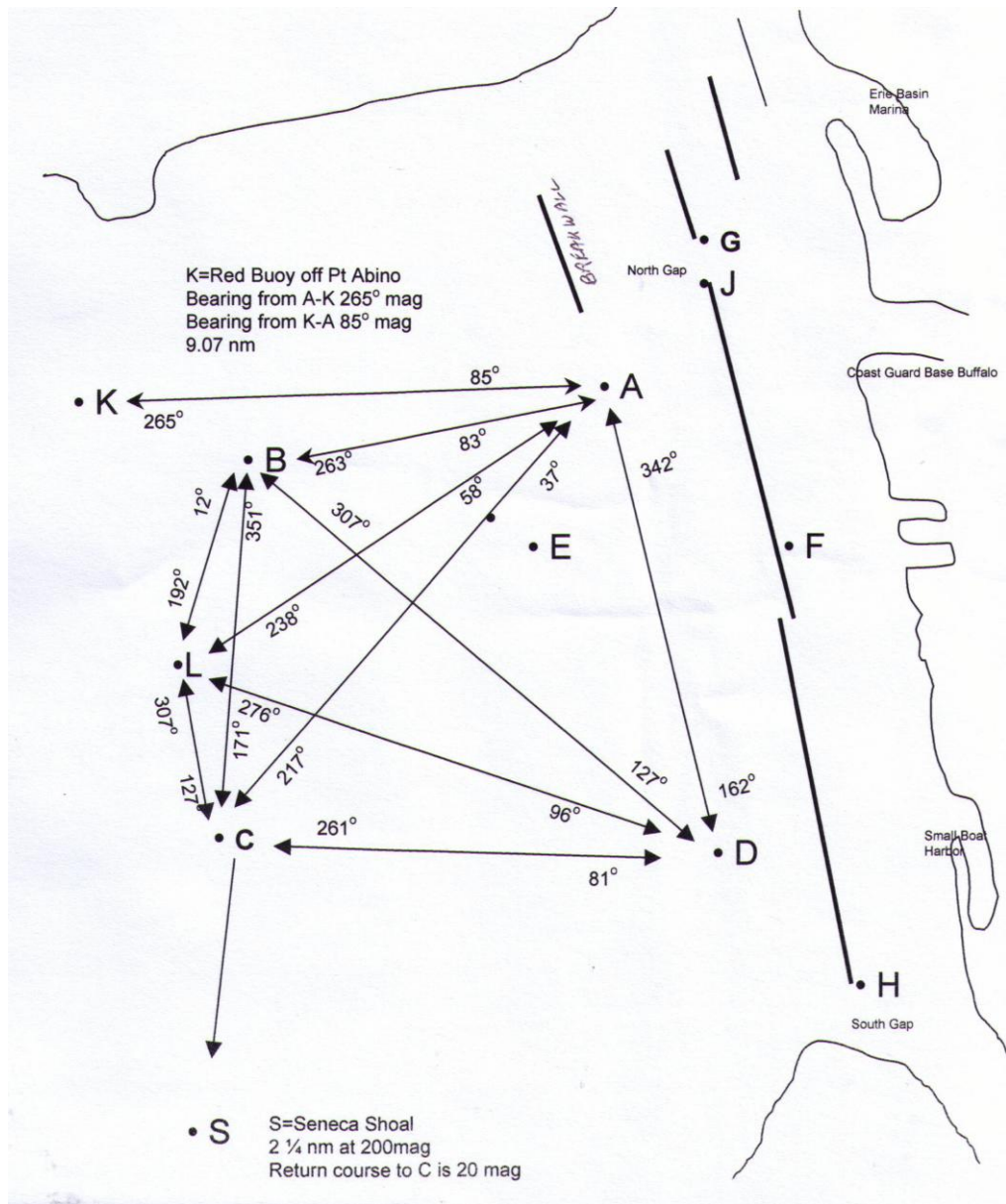
The applicable VHF channel for this course is 79.

**4 THE COURSE**

**4.1** The race committee may elect to use a combination of existing permanent marks and dropped marks. The alphabetical letter, plus description of each mark, is listed below with the approximate location, if applicable. The Race Committee Signal Boat will indicate the course to be sailed by posting alphabetical letters on a board. The letter “O” will indicate an inflatable mark dropped by the race committee. Marks displayed in black with a white background shall be rounded to port, marks displayed in white with a green background shall be rounded to starboard. In the event “O” is used as a weather mark, the approximate mileage and magnetic compass heading from the signal boat will be displayed.

**4.2** Competitors should expect postponements between some fleets so the race committee can post different courses.

Alphabetical Marks of the Heavy Seas Course with description		GPS Coordinates (Approx)	
		North - Lat	West - Long
<b>A</b>	Government navigational Red Buoy – "R4"	42.52.146	078.53.952
<b>B</b>	Club Mark at "Waverly Shoal"	42.51.780	078.56.110
<b>C</b>	Striped red and white buoy – "Departure Buoy"	42.50.162	078.55.418
<b>D</b>	Club Mark – "Club Mark D"	42.50.654	078.52.781
<b>E</b>	Government navigational Red Buoy – "R2"	42.51.599	078.54.297
<b>L</b>	Club Mark between Waverly and Departure	42.50.725	078.56.345
<b>O</b>	Orange Inflatable marks		



# Appendix F

## Prizes

1. LYRA 2010 Regatta awards will be presented to the skippers of the boats placing first, second, and third in each division in the Long Distance Races and the Day Course Race Series.
2. In the Centennial and Founders Cup Races, boats placing first, second and third in each Division will be awarded place plaques and place flag.  
In addition, the following perpetual trophies will be awarded:

### Centennial Race

IRC fleet, first corrected: *Centennial Cup—IRC*  
PHRF fleet (not competing in IRC)  
first corrected: *RYC Centennial Trophy*

### Founder's Cup Race

PHRF fleet, first corrected: *Oswego YC Founders Cup*

3. In the Freeman Cup race, boats placing first in each Division will be awarded place plaques, and place flags. Boats placing second and third in each Division will receive place plaques and flags. In addition, the following perpetual trophies will be awarded:

### Freeman Races

First monohull to finish, regardless of  
fleet, class or division: *Olcott Cup*

### Freeman Cup Race – IRC :

Fleet, Best elapsed time: *Yacht Racing Union Cup*  
First, fleet corrected: *Charles Freeman Cup*  
Second, fleet corrected: *Founders Cup*  
Third, fleet corrected: *Douglas B. Jones Trophy*  
Division Winners: *Golden Eagle Trophy*  
*IRC II Bowl*  
*IRC III Bowl*

### Freeman Cup Race – PHRF (Not competing in IRC)

Fleet, Best elapsed time: *Sodus Bay Cup*  
First, fleet corrected: *Louise Freeman Cup*  
Second, fleet corrected: *LYRA PHRF-LO Trophy*  
Third, fleet corrected: *Johnstone Trophy*  
Division Winners: *Simplicity Trophy*  
*Tom Taylor Trophy*

4. In the Day Course Race Series, boats placing first in division will be awarded LYRA perpetual trophies, place plaques, and place flags. Boats placing second or third in each



division will receive place plaques and place flags. In addition, the following perpetual trophies will be awarded:

**Day Course Race Series - IRC**

First overall in fleet: *City of Toronto Mayor's Trophy*

**Day Course Race Series - PHRF**

First overall in fleet: *City of Hamilton Mayor's Trophy*

**Day Course Race Series - One Design**

A trophy will be awarded to the winner in each one design class

**The Shotgun Trophy** will be awarded to the boat that has the most first place finishes in day course races, in a division with 6 boats or more.

5. In any race or series, the last place boat in a division may not win a division trophy or flag. It is understood that if there is only one boat in a division, it is the last boat.
6. For First Overall Performance in the Day Race Series in the IRC fleet (The City of Toronto Mayor's Trophy) and the PHRF Fleet (City of Hamilton Mayor's Trophy), the winners in their respective fleets will be determined via the Cox-Sprague scoring method.

## **7. LYRA REGATTA CHAMPIONSHIPS IN IRC, PHRF, AND ONE-DESIGN**

### **7.1 Qualification**

- 7.1.1 To qualify for the **LYRA Regatta Champion in PHRF or IRC**, a yacht must race the Freeman Cup Course Race, the Day Race Series and either the Centennial or Founder's Race.
- 7.1.2 A yacht must compete in one fleet only (IRC or PHRF) for all races needed to qualify in 1.1.
- 7.1.3 To qualify for **LYRA Regatta Champion in One-Design**, a yacht must race in a One-Design class in the Day Race Series and either PHRF, IRC or One-Design in the Centennial or Founder's Race and the Freeman Cup Race (Long or Short course).

### **7.2 SCORING**

- 7.2.1 The LYRA Regatta Champions in IRC, PHRF and One-Design fleets shall be determined using the widely recognized Cox-Sprague scoring method. A weighting factor shall be applied as follows:
  - = 0.5 for the Centennial or Founder's Race
  - = 1.0 for the Freeman Cup Long Course Race
  - = 0.30 for each Day Race
- 7.2.2 All races will be scored (no throwouts). The yachts with the highest percent perfection in the IRC, PHRF and One-Design fleets will be the Regatta

Champions, respectively. The LYRA Executive Committee reserves the right to not award one or more of the three Regatta Champion awards if, in its opinion, the performance of the yacht with the highest percent perfection is not commensurate with the “best in fleet” spirit of the awards. The decision of the LYRA Executive Committee is final and not subject to redress. This changes rule 62.1(a).

### **7.3 AWARDS**

7.3.1 Special pennants will be awarded to the IRC, PHRF and One-Design Regatta Champions. In addition, the following LYRA perpetual trophies will be awarded:

**Bamaan Trophy**..... LYRA Regatta Champion, IMS  
**Lake Ontario PHRF Trophy**.... LYRA Regatta Champion, PHRF  
**Kay Heron Trophy**..... LYRA Regatta Champion, One-Design

- 7.3.2 If at all possible, these awards will be presented at the LYRA Regatta as part of the awards presentation on Sunday, August 1, 2010. If not, they will be presented at LYRA’s Annual General Meeting in November, 2010.
- 7.3.3 Perpetual trophies are to be returned to LYRA at or before the start of the 2011 LYRA Regatta.
- 7.3.4 Recipients of the above trophies assume full responsibility for their safekeeping, cleaning/polishing and return.

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