



SAILING INSTRUCTIONS

44th Princess Pat Race

July 15-16, 2011

Forest City Yacht Club

1. RULES

- 1.1. All races will be governed by the 2009-2012 International Sailing Federation Racing Rules of Sailing (RRS); the prescriptions of the United States Sailing Association (US SAILING); the rules of participating classes; except as any of these may be changed by the Notice of Race, these Sailing Instructions and any amendments hereafter.
- 1.2. This series is designated Category "A" for yachts so classified by their class, rating system, or national authority and is designated Category "C" for yachts so classified by their class, rating system, national or international authority.
- 1.3. The RRS will be modified in accordance with Rule 86.1(b) as follows:
 - 1.3.1. Rule 26 (Starting Races) is changed to use a BLUE SHAPE instead of a preparatory flag
 - 1.3.2. Rule 29.2 (General Recall) is changed to read: "The affected class shall immediately clear the starting area and move to the end of the starting sequence. Recalled class(es) will start after the last scheduled class start.
 - 1.3.3. Rule 30.1 (Round-an-End) is changed substituting "a BLUE SHAPE" for "flag I".
 - 1.3.4. Rule 35 (Time Limit) is changed for the **Women's Race** and **Double-Handed JAM Race**. See section 9.2
 - 1.3.5. Rule 41 (Outside Help) is changed to allow the use of GPS for all boats.
 - 1.3.6. Rules 44.1 and 44.2 (Penalties), the Two Turns Penalty is changed to one 360° turn, including one tack and one gybe for all classes.
 - 1.3.7. Rule 60.1(a) (Protests) is changed to prohibit a boat from protesting another boat for an alleged breach of a class rule that requires class membership.

2. ENTRIES

- 2.1. Any member of an Inter-Lake Yachting Association affiliated organization may enter by delivering to the Forest City Yacht Club before Thursday, July 7, 2011, at 9:00 PM a completed entry form and the appropriate fees as listed on the entry form.
- 2.2. Late entries will be accepted up to one hour before the first scheduled class start of the race by paying a \$10 late fee.
- 2.3. The **Women's Race** is limited to women sailors. One male boat owner/designee may be on board to provide verbal coaching and he must remain centerline without offering any physical assistance.
- 2.4. The **Double-Handed JAM Race** is limited to two person crews.
- 2.5. Each boat registered with a class must conform to its class rules. For boats without a current PHRF measurement certificate, the Race Committee will assign a temporary rating for the 44th Princess Pat Race only; and that temporary rating cannot be appealed.

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3. NOTICES TO COMPETITORS

Notices to competitors will be posted on the official race notice board located inside the FCYC clubhouse.

4. SIGNALS

Signals will be displayed from the starter's booth located on shore just east of the FCYC clubhouse

5. SCHEDULE and CLASS FLAGS

5.1.1. There will not be a competitors' meeting.

5.1.2. On July 15, the **Double-Handed JAM Race** warning signal will be at 6:55 PM using a green class flag. The **Woman's JAM Race** warning signal will follow by at least 5 minutes using a pink class flag; and the **Women's PHRF Race** warning signal will follow by at least 5 minutes using a yellow class flag.

5.1.3. On July 16, the first **Trophy Race** class warning signal for JAM B will be at 9:25 AM. A reverse starting sequence will be used with classes starting at intervals of at least 5 minutes from highest handicap to lowest handicap. The JAM fleet will start before the PHRF fleet. The class flags and starting sequence are:

| Class | Class Flag |
|--------|------------|
| JAM B | Red |
| JAM A | Green |
| | |
| PHRF E | Gray |
| PHRF D | Blue |
| PHRF C | Yellow |
| PHRF B | Purple |
| PHRF A | Pink |

6. RACING AREA

The racing area will be on Lake Erie north of Forest City Yacht Club.

7. COURSES and MARKS

7.1. The Principal Race Officer will designate a race course for each class using Cleveland Yacht Racing Association buoy marks, the break wall East Light, the water intake crib, other nearby marks and marks temporarily placed by the Race Committee. See Addendum A – Marks.

7.2. Addendum B - Courses shows the numbered courses, the marks in order along each course and the rounding direction of each mark.

7.3. Placards indicating the course number will be hung from the starter's booth during the class start sequence.

7.4. A letter "N" placard hung above the course number indicates the course is shortened by substituting the East Light (L) mark to starboard as the last mark before finishing.

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8. STARTING AND FINISHING LINES; STARTING SYSTEM

- 8.1. The starting and finishing line is inside the breakwall just off FCYC on a line between the PIN (white fixed mark) and the centerline of the starter's booth.
- 8.2. Races will be started using rule 26 with the class flag raised and a warning signal given 5 minutes before the starting signal. Instead of a flag, a BLUE SHAPE will be used for the 4 minute preparatory signal. (See Addendum C)
 - 8.2.1. Individual recalls shall be signaled by one long horn and the display of a Code Flag "X" placard on the starter's booth. The flag will be removed after the premature starting yacht(s) have returned and restarted properly.
 - 8.2.2. A General recall will be signaled by two long horns and the display of a Code Flag "B" placard on the starter's booth. Recalled classes shall immediately clear the starting area and move to the end of the starting sequence.
 - 8.2.3. The Round-an-End Rule (one minute rule) at each start will be in effect as prescribed in Rule 30.1. Instead of an "I" code flag, a BLUE SHAPE will be used
 - 8.2.4. Postponements will be signaled by displaying a Code Flag "P" placard on the starter's booth.
- 8.3. All communication with the Race Committee will be done via **VHF Channel 68**. Actions taken or not taken by a competitor on the basis of communication from the race committee not specifically directed to the competitor is not grounds for protest or redress.
- 8.4. Each yacht must deliver to the Race Committee a completed **Finish Card** within 1 hour of finishing a race.

9. TIME LIMIT

- 9.1. The **Trophy Race** has no time limit.
- 9.2. For the **Women's Race** and **Double-Handed JAM Race**, Rule 35 is changed as follows: If the first boat in a class does not finish within 2 hours after her start, the race is abandoned. If the first boat in a class finishes within 2 hours, any boat in that class which does not finish within 2 hours and 20 minutes will be scored as though she had finished just behind the last boat in her class that finished.

10. PROTESTS

- 10.1. Protest forms will be available in the FCYC Clubhouse and in the starter's booth immediately following each race.
- 10.2. A boat intending to protest must verbally notify the Race Committee by radio, cell phone or in person within 15 minutes of the protester's finish time. Completed protest forms must be delivered to the Race Committee Chairman within one hour of the protester's finish time.
- 10.3. A copy of each protest will be posted on the race notice board in the FCYC Clubhouse for at least 15 minutes before the protest hearing begins. Competitors wishing to attend a hearing may write their names on a sign-up sheet at the notice board.
- 10.4. Hearings will be held as soon as possible at the FCYC clubhouse office in the order in which protests are delivered.

11. SCORING

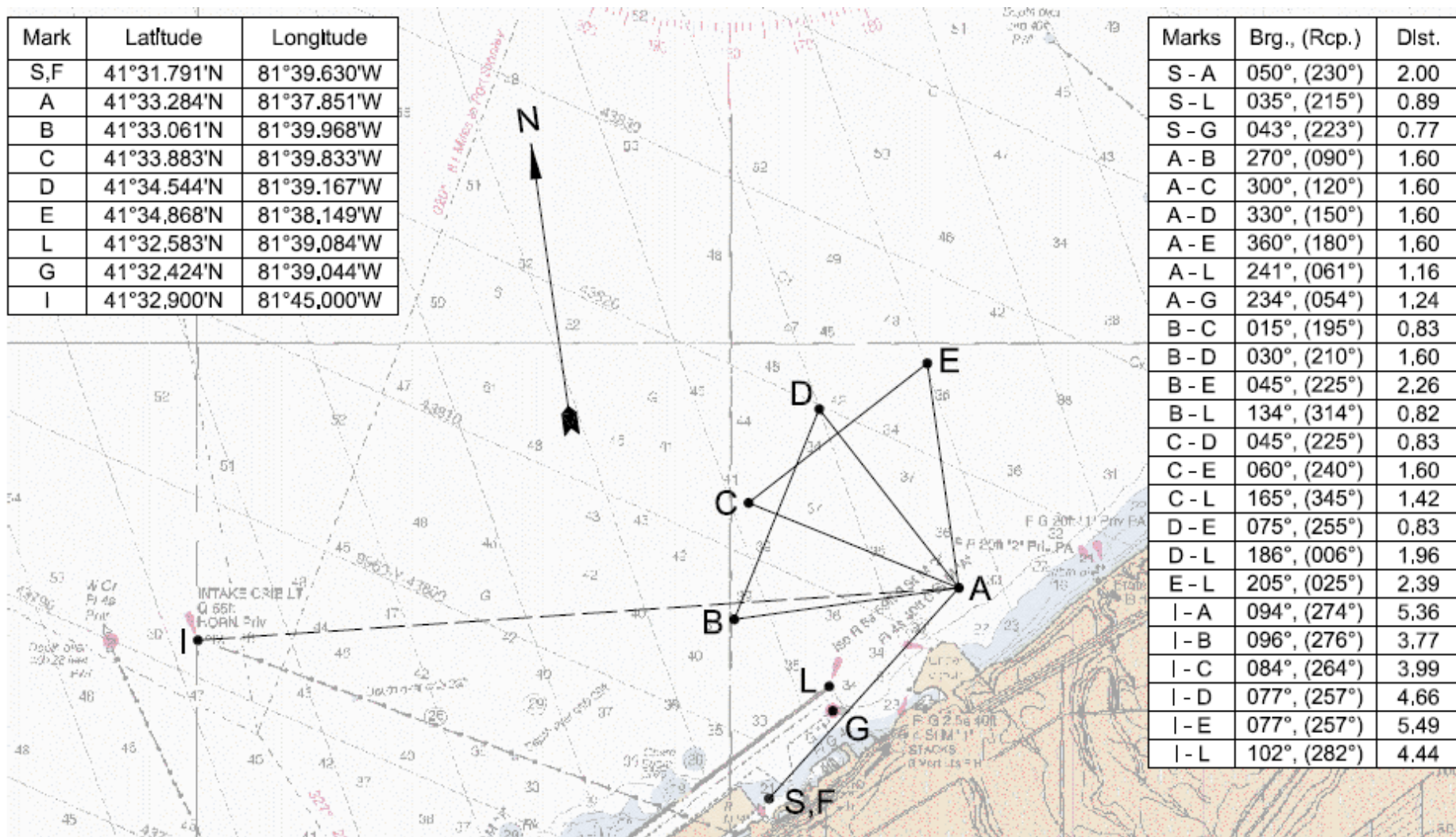
The Low Point System of RRS Appendix A will be used with first place getting 1 point, second place getting 2 points, etc.

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Addendum A – MARKS

| Mark | Latitude | Longitude |
|------|-------------|-------------|
| S,F | 41°31.791'N | 81°39.630'W |
| A | 41°33.284'N | 81°37.851'W |
| B | 41°33.061'N | 81°39.968'W |
| C | 41°33.883'N | 81°39.833'W |
| D | 41°34.544'N | 81°39.167'W |
| E | 41°34.868'N | 81°38.149'W |
| L | 41°32.583'N | 81°39.084'W |
| G | 41°32.424'N | 81°39.044'W |
| I | 41°32.900'N | 81°45.000'W |



| Marks | Brg., (Rcp.) | Dist. |
|-------|--------------|-------|
| S - A | 050°, (230°) | 2.00 |
| S - L | 035°, (215°) | 0.89 |
| S - G | 043°, (223°) | 0.77 |
| A - B | 270°, (090°) | 1.60 |
| A - C | 300°, (120°) | 1.60 |
| A - D | 330°, (150°) | 1.60 |
| A - E | 360°, (180°) | 1.60 |
| A - L | 241°, (061°) | 1.16 |
| A - G | 234°, (054°) | 1.24 |
| B - C | 015°, (195°) | 0.83 |
| B - D | 030°, (210°) | 1.60 |
| B - E | 045°, (225°) | 2.26 |
| B - L | 134°, (314°) | 0.82 |
| C - D | 045°, (225°) | 0.83 |
| C - E | 060°, (240°) | 1.60 |
| C - L | 165°, (345°) | 1.42 |
| D - E | 075°, (255°) | 0.83 |
| D - L | 186°, (006°) | 1.96 |
| E - L | 205°, (025°) | 2.39 |
| I - A | 094°, (274°) | 5.36 |
| I - B | 096°, (276°) | 3.77 |
| I - C | 084°, (264°) | 3.99 |
| I - D | 077°, (257°) | 4.66 |
| I - E | 077°, (257°) | 5.49 |
| I - L | 102°, (282°) | 4.44 |

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Addendum B – COURSES

(P) – Mark to Port (S) – Mark to Starboard

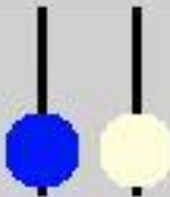
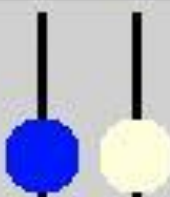
Shortened “N” course substitutes East Light (L) mark to starboard as the last mark before finishing..

| Course Number | Mark 1 | Mark 2 | Mrk 2 Brng | Mark 3 | Mrk 3 Brng | Mark 4 | Mrk 4 Brng | Mark 5 | Mrk 5 Brng | Mark 6 | Mrk 6 Brng | Mark 7 | Mrk 7 Brng | Mark 8 | Mrk 8 Brng | Naut. Miles | "N" Naut Miles |
|---------------|--------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|-------------|----------------|
| 01 | S | A (P) | 50 | I (S) | 274 | E (S) | 77 | A (S) | 180 | F | 230 | | | | | 16.8 | 16.5 |
| 02 | S | A (P) | 50 | E (P) | 360 | I (P) | 257 | A (S) | 94 | F | 230 | | | | | 16.8 | 15.1 |
| 03 | S | A (P) | 50 | I (S) | 274 | D (S) | 77 | A (S) | 150 | F | 230 | | | | | 15.6 | 14.9 |
| 04 | S | A (P) | 50 | D (P) | 330 | I (P) | 257 | A (S) | 94 | F | 230 | | | | | 15.6 | 13.9 |
| 05 | S | A (P) | 50 | I (P) | 274 | A (S) | 94 | F | 230 | - | - | | | | | 14.7 | 13.0 |
| 07 | S | A (P) | 50 | C (S) | 300 | E (S) | 60 | C (S) | 240 | E (S) | 60 | A (S) | 180 | F | 230 | 12.0 | 11.7 |
| 06 | S | A (P) | 50 | B (S) | 270 | D (S) | 30 | B (S) | 210 | D (S) | 30 | A (S) | 150 | F | 230 | 12.0 | 11.3 |
| 09 | S | A (P) | 50 | E (P) | 360 | C (P) | 240 | A (P) | 120 | C (P) | 300 | A (S) | 120 | F | 230 | 12.0 | 10.8 |
| 08 | S | A (P) | 50 | D (P) | 330 | B (P) | 210 | A (P) | 90 | B (P) | 270 | A (S) | 90 | F | 230 | 12.0 | 10.2 |
| 10 | S | L (P) | 35 | I (S) | 282 | C (S) | 84 | L (S) | 165 | F | 215 | | | | | 11.0 | |
| 11 | S | L (P) | 35 | I (S) | 282 | B (S) | 96 | L (S) | 134 | F | 215 | | | | | 10.8 | |
| 12 | S | A (P) | 50 | C (S) | 300 | E (S) | 60 | A (S) | 180 | F | 230 | | | | | 8.8 | 8.5 |
| 13 | S | A (P) | 50 | D (P) | 330 | B (P) | 210 | A (S) | 90 | F | 230 | | | | | 8.8 | 7.0 |
| 14 | S | A (P) | 50 | E (P) | 360 | C (P) | 240 | A (S) | 120 | F | 230 | | | | | 8.8 | 7.6 |
| 15 | S | L (P) | 35 | D (P) | 6 | B (P) | 210 | A (S) | 90 | F | 230 | | | | | 7.0 | |
| 16 | S | L (P) | 35 | E (S) | 25 | A (S) | 180 | F | 230 | | | | | | | 6.9 | 6.4 |
| 17 | S | L (P) | 35 | D (S) | 6 | A (S) | 150 | F | 230 | | | | | | | 6.5 | 5.6 |
| 18 | S | L (P) | 35 | C (S) | 345 | A (S) | 120 | F | 230 | | | | | | | 6.0 | 4.6 |
| 19 | S | L (P) | 35 | B (S) | 314 | A (S) | 90 | F | 230 | | | | | | | 5.4 | 3.4 |
| 20 | S | A (P) | 50 | F | 230 | | | | | | | | | | | 4.0 | |
| 21 | S | G (P) | 43 | S (P) | 223 | G (P) | 45 | F | 223 | | | | | | | 3.1 | |

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Addendum C – START SEQUENCE SIGNALS

| | | | | |
|-------------|---|-----------------|-------------|-----------|
| Warning |  | Class Flag Up | 1 horn | 5 minutes |
| Preparatory |  | Blue Shape Up | 1 horn | 4 minutes |
| One Minute |  | Blue Shape Down | 1 long horn | 1 minute |
| Start |  | Class Flag Down | 1 horn | 0 |