



# PJYC “Harbor Cup” 2019

## SAILING INSTRUCTIONS

### **RULES**

This series of races will be governed by the rules defined in the current version of “*The Racing Rules of Sailing*” (“RRS”), including *US Sailing Prescriptions*.

### **NOTICES TO COMPETITORS**

Notices to Competitors and any associated documents will be posted on the Port Jefferson Yacht Club website: [portjeffersonyachtclub.com](http://portjeffersonyachtclub.com), and on [www.RegattaNetwork.com](http://www.RegattaNetwork.com).

(Full Event Website URL: <http://www.regattanetwork.com/event/18502> )

### **SIGNALS MADE ASHORE**

- Will be displayed in the vicinity of the Port Jefferson Yacht Club dock house. This may include the race committee boat when in proximity to this area.
- When flag ‘AP’ is displayed ashore, ‘1 minute’ is replaced with ‘not less than 60 minutes’ in the race postponement signal ‘AP’.
- Will also be shown on the event website. See the ‘Official Notice Board’ for the Harbor Cup (Shows as ‘Newsroom & Results’, then ‘Notices’ on some pages) at the Event link above.

### **SCHEDULE OF RACES**

- Friday July 19<sup>th</sup> 1900 : Sailing Instructions and Division Streamers available at PJYC Clubhouse.
- Races are on Saturday, July 20<sup>th</sup>
- One race for the day for each division.

### **TIMES**

**1000** : Sailing Instructions, Division Streamers, and Scratch Sheets available at PJYC Dock House

**1130** : Harbor Start

**1300** : **First Division Warning Signal**

### **ENTRIES**

- Eligible Yachts must be entered by completing the online registration form at [RegattaNetwork](http://RegattaNetwork) (The Event URL above under Notices) prior to the planned race or regatta, accompanied by the appropriate registration fee.
- Yachts which fail to comply with the above WILL NOT BE SCORED.

## RACING AREA

**Appendix B** Is the list of Marks and coordinates.

**Appendix C** shows the location of the racing area. Centred approximately 1.1 NM NE of the Port Jefferson Harbor East Breakwater. Government Aids may be used as Marks (See list) from Can 11A (Old Field Point) to Can 9 (Rocky Point) to Red 2 (Middle Ground/Stratford Shoal).

## COURSES

- The course for each division will be announced via VHF 72 and posted on the side of the committee boat.
- The course will typically be from one of the pre-set courses found in **Appendix A** below. However, the committee may announce a change to use other marks based on conditions.
- Use the course appropriate for your division! There is a separate Spinnaker and Non-Spinnaker list, and the course marks are different.
- Example: Course SW-2 (Southwest 2) is posted and announced. (SF = Start/Finish)

Spin boats will sail: SF-F-B-J-F-B-SF

Non-Spin boats will sail: SF-F-D-J-F-SF

- All marks are to be left to PORT unless otherwise specified by the race committee.

## RACE COORDINATION

- **ALL BOATS MUST CHECKIN by sailing by the stern** of the Committee Boat and calling out “<boat name> checking in with # souls on board”. Please **do not use the radio for checking in**, as calls can ‘step on’ each other.
- The Race will be coordinated on **VHF Channel 72**. This may include announcements for shortened courses or leg changes.

## THE START

- Races will be started using **Rule 26 of the RRS** with an extra pre-start alert of several horns at 1 minute before the starting sequence (i.e. 6 minutes before first division start). Then the usual Warning Signal and Class Flag made 5 minutes before the starting signal.
- Division starts follow as “Rolling Starts”, meaning the Start Signal of one division is the 5-minute Warning Signal for the next.
- The Starting Line will be between a staff displaying an Orange Flag on the Committee Boat at the starboard end of the line, and the port-end “Pin” Mark (Mark “SF”).
- While in sequence no vessel shall contact the race committee except for an emergency.

Division Flags:

-  First Division
-  Second Division
-  Third Division
-  Fourth Division

## **THE FINISH**

The Finishing Line will be the same as the start line (above) unless otherwise announced. Boats shall cross the Finishing Line from the course side, i.e. From the direction of the last mark. See the RRS definition of “finish”.

## **TIME LIMIT**

Time Limit is 3 hours from a boat’s Scheduled Division Start. Boats not finishing within that time will be scored DNF.

## **PROTESTS & REQUEST FOR REDRESS**

A boat protesting another shall display a Protest Flag. Upon Finishing she shall notify the Race Committee of her intention to file a protest. (This modifies RRS Rule 61.3) a written protest must be filed within 1 hour of committee boat back at the mooring.

## **SCORING**

- All divisions will use YRALIS PHRF ratings and will be scored Time-on-Distance.
- Scoring for this event will use the ‘Low Point’ system as describes in the RRS Rule 90.3 and RRS Appendix A.

## **WITHDRAWALS**

Any boat withdrawing from a race shall notify the Race Committee on VHF channel 72 at the earliest possible opportunity. If you do not get acknowledged, try again, or send a text to the PRO at 516-313-7617.

## **RESULTS**

Results will be announced in the PJYC club house after the race and posted online on [RegattaNetwork](http://www.regattanetwork.com). (Click or go to URL: <http://www.regattanetwork.com/event/18502>).

## **DISCLAIMER OF LIABILITY**

Competitors participate in the regatta entirely at their own risk. See rule 4, Decision to Race. The organizing authority will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after this event.

## **FURTHER INFORMATION**

For further information please contact: PJYC Fleet Captain:

Dave Hubbard, CRO – [davechub@gmail.com](mailto:davechub@gmail.com) – 516-313-7617.

Appendix A  
**WEEKEND COURSES**  
**SPINNAKER**

<b>N</b>	1	SF	A	E	A	E	SF		3.99 nm
	2	SF	A	I	E	A	E	SF	7.78 nm
	3	SF	A	K	F	SF			9.61 nm
	4	SF	A	K	E	A	E	SF	11.78 nm
<b>NE</b>	1	SF	B	F	B	F	SF		3.99 nm
	2	SF	B	I	F	B	SF		6.78 nm
	3	SF	B	K	F	SF			9.82 nm
	4	SF	B	K	I	F	B	SF	12.22 nm
<b>E</b>	1	SF	C	J	SF				4.42 nm
	2	SF	C	I	C	SF			6.65 nm
	3	SF	L	SF					9.67 nm
	4	SF	L	J	SF				13.05 nm
<b>SE</b>	1	SF	D	J	SF				4.42 nm
	2	SF	D	J	D	H	SF		6.40 nm
	3	SF	D	H	I	E	I	SF	10.88 nm
	4	SF	D	I	D	I	D	SF	12.24 nm
<b>S</b>	1	SF	E	J	SF				4.21 nm
	2	SF	E	A	I	E	SF		6.79 nm
	3	SF	E	K	SF				9.78 nm
	4	SF	E	K	E	A	E	SF	12.77 nm

<b>SW</b>	1	SF	F	B	J	SF			5.18 nm
	2	SF	F	B	J	F	B	SF	6.57 nm
	3	SF	F	B	K	I	SF		11.88 nm
	4	SF	F	B	K	I	F	SF	12.22 nm
<b>W</b>	1	SF	G	C	G	C	SF		4.00 nm
	2	SF	G	C	I	G	SF		6.71 nm
	3	SF	G	L	SF				10.66 nm
	4	SF	G	L	J	SF			14.05 nm
<b>NW</b>	1	SF	H	J	G	SF			3.55 nm
	2	SF	H	I	D	H	SF		6.72 nm
	3	SF	H	D	K	SF			10.69 nm
	4	SF	H	D	K	D	H	SF	12.59 nm

## NON-SPIN

<b>N</b>	1	SF	A	J	E	SF			4.57 nm
	2	SF	A	I	E	SF			5.79 nm
	3	SF	A	I	E	A	SF		6.79 nm
	4	SF	K	E	SF				9.78 nm
<b>NE</b>	1	SF	B	J	F	SF			4.57 nm
	2	SF	B	J	F	B	SF		5.57 nm
	3	SF	B	I	F	B	F	SF	7.78 nm
	4	SF	B	K	F	SF			9.82 nm
<b>E</b>	1	SF	C	A	J	SF			4.52 nm
	2	SF	C	A	I	SF			5.78 nm
	3	SF	L	SF					9.67 nm
	4	SF	L	G	SF				10.66 nm
<b>SE</b>	1	SF	D	B	H	D	SF		3.41 nm
	2	SF	D	B	J	D	SF		5.86 nm
	3	SF	D	B	I	D	SF		7.12 nm
	4	SF	D	H	I	F	J	SF	8.93 nm
<b>S</b>	1	SF	E	C	A	E	SF		3.41 nm
	2	SF	E	C	J	E	SF		5.88 nm
	3	SF	E	C	I	E	SF		7.09 nm
	4	SF	K	E	SF				9.78 nm
<b>SW</b>	1	SF	F	D	B	F	SF		3.41 nm
	2	SF	F	D	J	F	SF		5.52 nm
	3	SF	F	D	I	F	SF		6.70 nm
	4	SF	F	B	K	SF			9.99 nm

<b>W</b>	1	SF	G	E	C	G	SF		3.42 nm
	2	SF	G	C	J	F	SF		5.81 nm
	3	SF	G	E	C	I	SF		7.09 nm
	4	SF	G	L	SF				10.66 nm
<b>NW</b>	1	SF	H	F	D	H	SF		3.41 nm
	2	SF	H	F	D	J	SF		5.84 nm
	3	SF	H	F	D	I	SF		7.07 nm
	4	SF	H	D	J	D	J	SF	9.83 nm

## Appendix B

### Marks

Note 1: **THESE ARE SLIGHTLY DIFFERENT FROM PAST YEARS!**

Note 2: The 3 formats are all the same location for each mark, just in the 3 most commonly used notation.

Negative longitudes are also called 'West' in some systems.

Example: '-73 04.210' is the same as '73 04.210W'.

Note 3: Marks 'SF' and 'A' thru 'H' are the 'Olympic Circle' marks used for the Tuesday Night Series. Marks 'I' thru 'L' are primarily used for distance races on Saturdays.

Note 4: Mark 'H' is the Mt. Misery Shoal Can 11. **The Coast Guard changed the coordinates in August 2017 by about 65' to the south (161° True).**

Name	Decimal Degrees		Decimal Minutes		Decimal Seconds	
	Latitude	Longitude	Latitude	Longitude	Latitude	Longitude
SF (Start/Finish)	40.9823507	-73.0701660	40 58.941	-73 04.210	40 58 56.463	-73 04 12.598
A	40.9904476	-73.0726919	40 59.427	-73 04.362	40 59 25.611	-73 04 21.691
B	40.9894241	-73.0643671	40 59.365	-73 03.862	40 59 21.927	-73 03 51.721
C	40.9842568	-73.0594400	40 59.055	-73 03.566	40 59 03.324	-73 03 33.984
D	40.9779731	-73.0607966	40 58.678	-73 03.648	40 58 40.703	-73 03 38.868
E	40.9742537	-73.0676408	40 58.455	-73 04.058	40 58 27.313	-73 04 03.507
F	40.9752770	-73.0759638	40 58.517	-73 04.558	40 58 30.997	-73 04 33.470
G	40.9804436	-73.0808914	40 58.827	-73 04.853	40 58 49.597	-73 04 51.209
H (G 11)	40.9867283	-73.0795361	40 59.204	-73 04.772	40 59 12.222	-73 04 46.330
I (G 11a)	40.9869567	-73.1215050	40 59.217	-73 07.290	40 59 13.044	-73 07 17.418
J (PJ Approach RW)	40.9878761	-73.1074128	40 59.273	-73 06.445	40 59 16.354	-73 06 26.686
K (R 2 Middle Ground)	41.0511119	-73.1034072	41 03.067	-73 06.204	41 03 04.003	-73 06 12.266
L (G 9 Rocky Pt)	40.9928767	-72.9647136	40 59.573	-72 57.883	40 59 34.356	-72 57 52.969

See Next Page for Chart.

# Appendix C

## Chart of Racing Area

