



PJYC “Harbor Cup” 2018

SAILING INSTRUCTIONS

RULES

This series of races will be governed by the rules defined in *The Racing Rules of Sailing for 2017-2021* (“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, and on www.RegattaNetwork.com.

(Full URL: <http://www.regattanetwork.com/event/16424>)

SIGNALS MADE ASHORE

- 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 “1 minute” is replaced with “not less than 30 minutes” in the race signal “AP”. The warning signal may be made earlier if all boats eligible to race have been checked in.

SCHEDULE OF RACES

- Friday 1800 : Sailing Instructions and Division Streamers available at PJYC Clubhouse.
- Races are on Saturday, June 16th
- Non-Spinnaker: One race for the day.
- Other Classes: Number of races to be determined by Race Committee as time allows.

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.com) 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 main 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 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 Spinnaker, Non-Spinnaker, and J-24 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-I-B-SF

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

J24 Division (If Any) will sail: SF-F-B-F-B-SF

RACE COORDINATION

- The race will be coordinated on **VHF Channel 72**.
- **When Checking in and While racing: ALL BOATS** will fly their **division streamer** from the back-stay or most visible location possible to the committee boat if they do not have a back-stay.
- **CHECKING IN: DO NOT USE RADIO FOR CHECKING IN** : Sail by the stern of the Committee Boat and announce yourself.
- The Race Committee will attempt to announce the major signals and times on the radio, **HOWEVER**, this is for convenience only, **the FLAGS and SOUNDS are the official signals, as per the RRS**.

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.
- Boats not in their start sequence shall avoid those that are.

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 61.1.) 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.

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/16424>).

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: John Pearson, RedskyJ105@gmail.com, 914-319-7383.

Appendix A

WEEKEND COURSES
SPINNAKER

N	1	SF	A	J	E	SF			4.4 miles
	2	SF	A	E	I	E	SF		6.6 miles
	3	SF	A	K	SF				9.1 miles
NE	1	SF	B	J	F	SF			4.4 miles
	2	SF	B	F	I	F	SF		6.6 miles
	3	SF	B	K	SF				9.1 miles
E	1	SF	C	J	SF				4.4 miles
	2	SF	C	I	C	SF			6.6 miles
	3	SF	L	SF					9.1 miles
SE	1	SF	D	J	SF				4.4 miles
	2	SF	D	I	D	SF			6.6 miles
	3	SF	D	H	I	H	SF		9.1 miles
S	1	SF	E	J	SF				4.4 miles
	2	SF	E	I	A	SF			6.6 miles
	3	SF	E	K	SF				9.1 miles
SW	1	SF	F	J	SF				4.4 miles
	2	SF	F	I	B	SF			6.6 miles
	3	SF	F	B	I	B	SF		9.1 miles
W	1	SF	G	J	SF				4.4 miles
	2	SF	G	I	C	SF			6.6 miles
	3	SF	G	L	SF				9.1 miles
NW	1	SF	H	J	SF				4.4 miles
	2	SF	H	I	D	SF			6.6 miles
	3	SF	K	SF					9.1 miles

NON-SPIN

N	1	SF	A	G	E	SF			2.4 miles
	2	SF	A	J	E	SF			4.5 miles
	3	SF	A	I	E	SF			5.7 miles
NE	1	SF	B	H	F	SF			2.4 miles
	2	SF	B	J	F	SF			4.5 miles
	3	SF	B	I	F	SF			5.7 miles
E	1	SF	C	A	G	SF			2.4 miles
	2	SF	C	A	J	SF			4.5 miles
	3	SF	C	A	I	SF			5.7 miles
SE	1	SF	D	B	H	SF			2.4 miles
	2	SF	D	B	J	SF			4.5 miles
	3	SF	D	B	I	SF			5.7 miles
S	1	SF	E	C	A	SF			2.4 miles
	2	SF	E	C	J	SF			4.5 miles
	3	SF	E	C	I	SF			5.7 miles
SW	1	SF	F	D	B	SF			2.4 miles
	2	SF	F	D	J	SF			4.5 miles
	3	SF	F	D	I	SF			5.7 miles
W	1	SF	G	E	C	SF			2.4 miles
	2	SF	G	E	J	SF			4.5 miles
	3	SF	G	E	I	SF			5.7 miles
NW	1	SF	H	F	D	SF			2.4 miles
	2	SF	H	F	J	SF			4.5 miles
	3	SF	H	F	I	SF			5.7 miles

J24 DIVISION

N	1	SF	A	E	SF				2 miles
	2	SF	A	E	A	E	SF		4 miles
	3	SF	A	E	A	E	A	SF	5 miles
NE	1	SF	B	F	SF				2 miles
	2	SF	B	F	B	F	SF		4 miles
	3	SF	B	F	B	F	B	SF	5 miles
E	1	SF	C	G	SF				2 miles
	2	SF	C	G	C	G	SF		4 miles
	3	SF	C	G	C	G	C	SF	5 miles
SE	1	SF	D	H	SF				2 miles
	2	SF	D	H	D	H	SF		4 miles
	3	SF	D	H	D	H	D	SF	5 miles
S	1	SF	E	A	SF				2 miles
	2	SF	E	A	E	A	SF		4 miles
	3	SF	E	A	E	A	E	SF	5 miles
SW	1	SF	F	B	SF				2 miles
	2	SF	F	B	F	B	SF		4 miles
	3	SF	F	B	F	B	F	SF	5 miles
W	1	SF	G	C	SF				2 miles
	2	SF	G	C	G	C	SF		4 miles
	3	SF	G	C	G	C	G	SF	5 miles
NW	1	SF	H	D	SF				2 miles
	2	SF	H	D	H	D	SF		4 miles
	3	SF	H	D	H	D	H	SF	5 miles

Appendix B

Marks

Note 1: 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 04.152' is the same as '73 04.152W'.

Note 2: 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 3: 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).**

Mark Name	Decimal Degrees		Degrees and Decimal Minutes		Degrees, Minutes, and Decimal Seconds	
	Latitude	Longitude	Latitude	Longitude	Latitude	Longitude
SF	40.9821430	-73.0691998	40 58.929	-73 04.152	40 58 55.715	-73 04 09.119
A	40.9899938	-73.0715247	40 59.400	-73 04.291	40 59 23.978	-73 04 17.489
B	40.9892771	-73.0633396	40 59.357	-73 03.800	40 59 21.398	-73 03 48.023
C	40.9840059	-73.0583347	40 59.040	-73 03.500	40 59 02.421	-73 03 30.005
D	40.9778574	-73.0597159	40 58.671	-73 03.583	40 58 40.287	-73 03 34.977
E	40.9739734	-73.0667415	40 58.438	-73 04.004	40 58 26.304	-73 04 00.269
F	40.9751100	-73.0750658	40 58.507	-73 04.504	40 58 30.396	-73 04 30.237
G	40.9801725	-73.0799859	40 58.810	-73 04.799	40 58 48.621	-73 04 47.949
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

(Showing 'Olympic Circle' only. Does not show distance marks I – L used on Weekends.)

