

2017 SKYWAY YACHT WORKS

MORF OPEN

SEPTEMBER 23-24, 2017

SAILING INSTRUCTIONS



1. RULES

- 1.1 The organizing authority of the MORF Open is the Midwest Open Racing Fleet of Chicago
- 1.2 The regatta will be governed by
 - 1.2.1 The rules as defined in The Racing Rules of Sailing 2017-2020 (RRS)
 - 1.2.2 This Notice of Race (NOR)
 - 1.2.3 These Sailing Instructions (SI's)
 - 1.2.4 The prescriptions of US SAILING except as changed by this Notice of Race and the Sailing Instructions
- 1.3 Boats will be scored under the Lake Michigan Performance Handicap Racing Fleet rating system. Boats should have current LMPHRF rating certificates. MORF will supply a rating if one is needed.
- 1.4 Competing boats shall meet US Coast Guard safety requirements and comply with US Sailing's near shore safety requirements.

2. NOTICES TO COMPETITORS

Notices to competitors and scheduled protests will be posted on the MORF website at www.morfracing.org.

3. CHANGES RO SAILING INSTRUCTIONS

Any change in the Sailing Instructions will be posted on the MORF website www.morfracing.org before 0830 CDT on the day it will take effect, except that any change in the schedule of races will be posted by 2000 CDT on the day before it will take effect.

4. SIGNALS MADE ASHORE

If a race is abandoned or postponed broadcasts will be made on VHF Channel 69 the day of the races.

5. SCHEDULE OF RACES AND EVENTS

5.1. Schedule of races and events is as follows:

| | | |
|------------------|------|-------------------------------|
| Sat 23 September | 1100 | Warning Signal for first race |
| Sun 24 September | 1100 | Warning Signal for race |
| | 1600 | Awards |



A total of three races will be sailed. Two races will be held on Saturday September 23 and a final race on Sunday September 24.

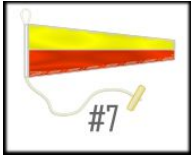


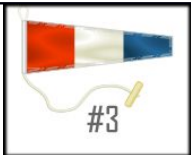
The race committee will indicate its intent to start the second race on Saturday September 23 with a radio transmission on VHF Channel 68 following the completion of race one.

6. CLASS FLAGS AND START

6.1. To assist in scoring we prefer that boats fly class flags from the backstay, but it is not required.

6.2. The class flags for the purpose of signaling the start of each class shall be designated by the international code flags as follows:

| Start Sequence Section | Code Flag | MORF/PHRF Rating | Scheduled Start Time | |
|------------------------|---|------------------|----------------------|-------|
| | | | Warning | Start |
| 9 |  | All JAM Boats | 11:00 | 11:05 |
| 6-7 |  | 106 - Infinity | 11:05 | 11:10 |

| | | | | |
|-----|--|-----------------|-------|-------|
| |  | | | |
| 4-5 |   | 41-105 | 11:10 | 11:15 |
| 3 |  | - Infinity - 40 | 11:15 | 11:20 |

The second race on Saturday will be started as soon as possible after the finish of the first race at the direction of the Race Committee.

- 6.3. Competitors are advised that classes may be combined in the starting order, yet still be scored separately.

7. THE MORF OPEN RACES RACING AREAS AND COURSES

- 7.1. The MORF Open races will be started at Starting Area 7 (SA7), 2.5 miles SE of the Monroe Harbor entrance.
- 7.2. The courses sailed will use the marks around SA7. The approximate coordinates are as follows:

Mark Locations

| Mark | Latitude | Longitude | Description |
|------|--------------|-----------|---|
| SA7 | 41°51.17' 87 | 87°33.41 | 205°-1.5 miles from Four Mile Crib (MORF) |

| | | | |
|---|-----------|-----------|----------------------|
| | | , | |
| 1 | 41°52.26' | 87°33.41' | 360°-1.25 miles SA7 |
| 2 | 41°51.94' | 87°32.37' | 045°-1.25 miles SA7 |
| 3 | 41°51.17' | 87°31.95' | 090°-1.25 miles SA7 |
| 4 | 41°50.40' | 87°32.37' | 135°-1.25 miles SA7 |
| 5 | 41°50.08' | 87°33.41' | 180°-1.25 miles SA7 |
| 6 | 41°50.40' | 87°34.44' | 225°-1.25 miles SA7 |
| 7 | 41°51.17' | 87°34.87' | 270°-1.25 miles SA7 |
| 8 | 41°51.94' | 87°34.44' | 2315°-1.25 miles SA7 |

7.3 The Course selected will be displayed from a sign-board on the Race Committee Signal Boat with or before the Warning Signal and will be based on weather conditions and time.

8. COURSES

8.1 The courses sailed will be selected at the discretion of the Race Committee from the following Olympic, Trapezoidal, Beer Trapezoid, and Windward/Leeward. The courses selected will be based on weather and time considerations.

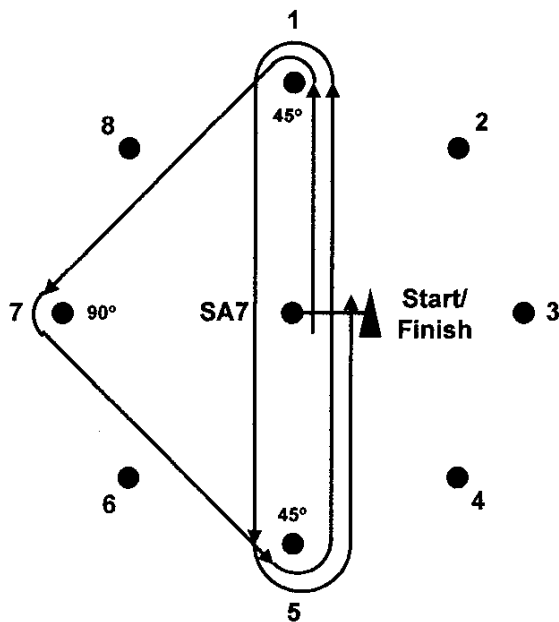
The course diagrams are on the following pages.

Olympic (O) Courses

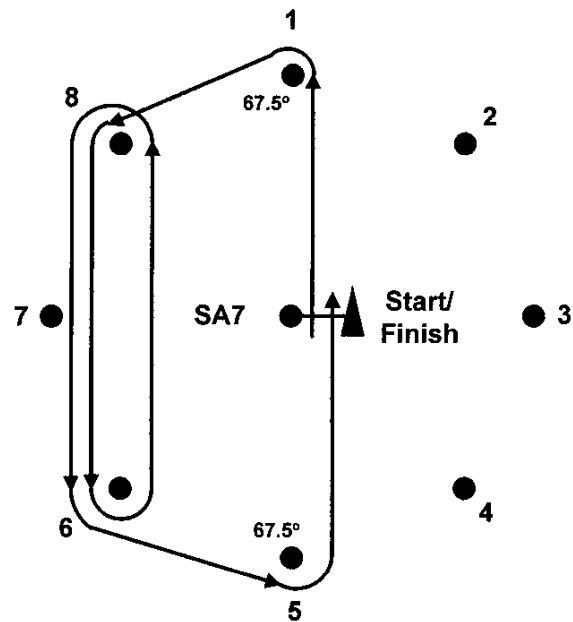
| Course | 1 st Mark | Hdg | 2 nd Mark | 3 rd Mark | 4 th Mark | 5 th Mark | Finish | Heading changes after the first mark: |
|--------|----------------------|-----|----------------------|----------------------|----------------------|----------------------|--------|---------------------------------------|
| O1 | 1 | 360 | 7 | 5 | 1 | 5 | SA7 | At mark 1: turn left 135° |
| O2 | 2 | 045 | 8 | 6 | 2 | 6 | SA7 | At mark 2: turn left 090° |
| O3 | 3 | 090 | 1 | 7 | 3 | 7 | SA7 | At mark 3: turn left 135° |
| O4 | 4 | 135 | 2 | 8 | 4 | 8 | SA7 | At mark 4: turn left 180° |
| O5 | 5 | 180 | 3 | 1 | 5 | 1 | SA7 | At mark 5: turn left 180° |
| O6 | 6 | 225 | 4 | 2 | 6 | 2 | SA7 | Finish at SA7 |
| O7 | 7 | 270 | 5 | 3 | 7 | 3 | SA7 | |
| O8 | 8 | 315 | 6 | 4 | 8 | 4 | SA7 | |

Course Nautical Mileage: 9.59 All Marks to Port

Example Course O1



Example Course P1



Trapezoidal (P) Courses

| Course | 1 st Mark | Hdg | 2 nd Mark | 3 rd Mark | 4 th Mark | 5 th Mark | 6 th Mark | Finish | Heading changes after the first mark: |
|--------|----------------------|-----|----------------------|----------------------|----------------------|----------------------|----------------------|--------|---------------------------------------|
| P1 | 1 | 360 | 8 | 6 | 8 | 6 | 5 | SA7 | At mark 1: turn left 112.5° |
| P2 | 2 | 045 | 1 | 7 | 1 | 7 | 6 | SA7 | At mark 2: turn left 67.5° |
| P3 | 3 | 090 | 2 | 8 | 2 | 8 | 7 | SA7 | At mark 3: turn left 180° |
| P4 | 4 | 135 | 3 | 1 | 3 | 1 | 8 | SA7 | At mark 4: turn left 180° |
| P5 | 5 | 180 | 4 | 2 | 4 | 2 | 1 | SA7 | At mark 5: turn left 67.5° |
| P6 | 6 | 225 | 5 | 3 | 5 | 3 | 2 | SA7 | At mark 6: turn left 112.5° |
| P7 | 7 | 270 | 6 | 4 | 6 | 4 | 3 | SA7 | Finish at SA7 |
| P8 | 8 | 315 | 7 | 5 | 7 | 5 | 4 | SA7 | |

Course Nautical Mileage: 8.44 All Marks to Port

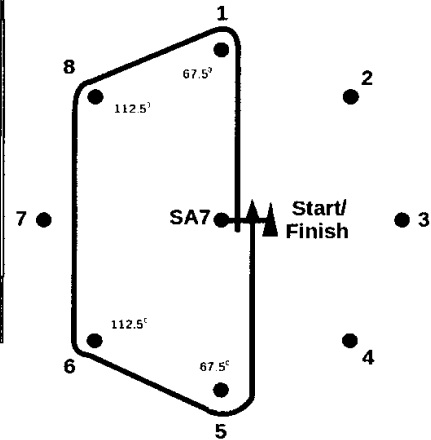
Beer Trapezoid (T) Courses

| Course | Headings | | | | | 1st Mark | 2nd Mark | 3rd Mark | 4th Mark | Finish |
|--------|----------|-----|-----|-----|-----|----------|----------|----------|----------|--------|
| T1 | 360 | 247 | 180 | 113 | 360 | 1 | 8 | 6 | 5 | SA7 |
| T2 | 045 | 293 | 225 | 157 | 045 | 2 | 1 | 7 | 6 | SA7 |
| T3 | 090 | 337 | 270 | 203 | 090 | 3 | 2 | 8 | 7 | SA7 |
| T4 | 135 | 023 | 315 | 247 | 135 | 4 | 3 | 1 | 8 | SA7 |
| T5 | 180 | 067 | 360 | 293 | 180 | 5 | 4 | 2 | 1 | SA7 |
| T6 | 225 | 113 | 045 | 337 | 225 | 6 | 5 | 3 | 2 | SA7 |
| T7 | 270 | 157 | 090 | 023 | 270 | 7 | 6 | 4 | 3 | SA7 |
| T8 | 315 | 203 | 135 | 067 | 315 | 8 | 7 | 5 | 4 | SA7 |

Course Nautical Mileage: 5.36

All Marks to Port

Example Course T1



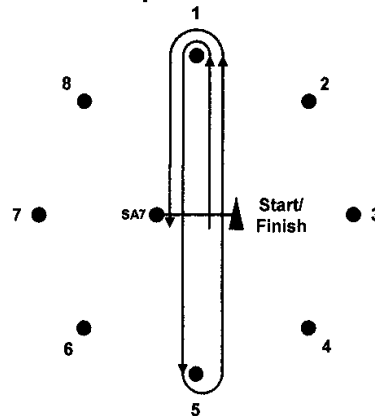
Windward/Leeward Courses

Long (Full Circle) Windward/Leeward Courses – Courses X and Y

| Course X | | | | | | |
|----------|----------------------|-----|----------------------|----------------------|----------------------|--------|
| Course | 1 st Mark | Hdg | 2 nd Mark | 3 rd Mark | 4 th Mark | Finish |
| X1 | 1 | 360 | 5 | 1 | None | SA7 |
| X2 | 2 | 045 | 6 | 2 | None | SA7 |
| X3 | 3 | 090 | 7 | 3 | None | SA7 |
| X4 | 4 | 135 | 8 | 4 | None | SA7 |
| X5 | 5 | 180 | 1 | 5 | None | SA7 |
| X6 | 6 | 225 | 2 | 6 | None | SA7 |
| X7 | 7 | 270 | 3 | 7 | None | SA7 |
| X8 | 8 | 315 | 4 | 8 | None | SA7 |

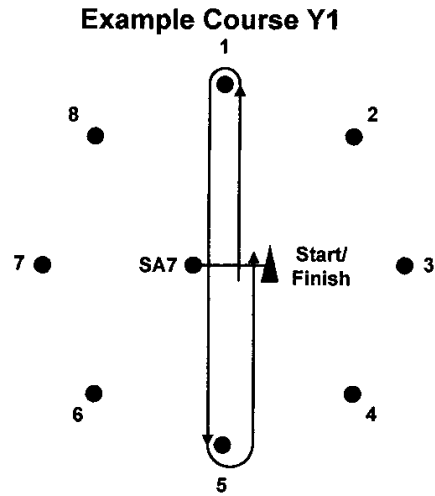
Course Nautical Mileage: 6.52
All Marks to Port

Example Course X1



| Course Y | | | | | | |
|----------|----------------------|-----|----------------------|----------------------|----------------------|--------|
| Course | 1 st Mark | Hdg | 2 nd Mark | 3 rd Mark | 4 th Mark | Finish |
| Y1 | 1 | 360 | 5 | None | None | SA7 |
| Y2 | 2 | 045 | 6 | None | None | SA7 |
| Y3 | 3 | 090 | 7 | None | None | SA7 |
| Y4 | 4 | 135 | 8 | None | None | SA7 |
| Y5 | 5 | 180 | 1 | None | None | SA7 |
| Y6 | 6 | 225 | 2 | None | None | SA7 |
| Y7 | 7 | 270 | 3 | None | None | SA7 |
| Y8 | 8 | 315 | 4 | None | None | SA7 |

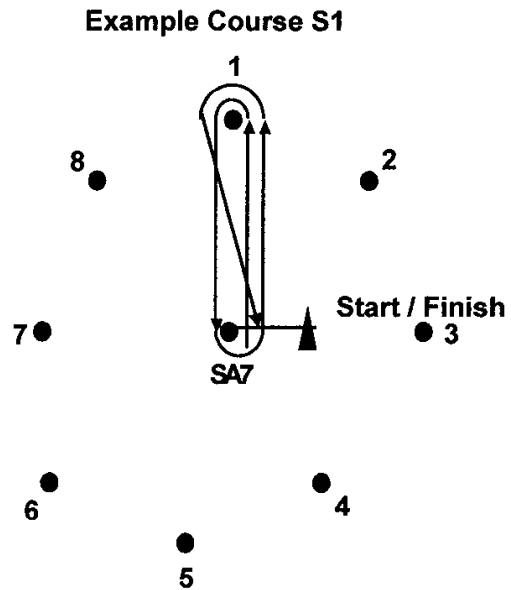
Course Nautical Mileage: 4.34
All Marks to Port



Short (Half Circle) Windward/Leeward Courses – S Courses

| Course | 1 st Mark | Hdg | 2 nd Mark | 3 rd Mark | Finish |
|--------|----------------------|-----|----------------------|----------------------|--------|
| S1 | 1 | 360 | SA7 | 1 | SA7 |
| S2 | 2 | 045 | SA7 | 2 | SA7 |
| S3 | 3 | 090 | SA7 | 3 | SA7 |
| S4 | 4 | 135 | SA7 | 4 | SA7 |
| S5 | 5 | 180 | SA7 | 5 | SA7 |
| S6 | 6 | 225 | SA7 | 6 | SA7 |
| S7 | 7 | 270 | SA7 | 7 | SA7 |
| S8 | 8 | 315 | SA7 | 8 | SA7 |

Course Nautical Mileage: 4.34
All Marks to Port, Finish with SA7 on Starboard.



9. RECALLS

In the event of an individual recall, the sail numbers or identification of any boat or boats that are identified as OCS may be announced on the Race Committee VHF channel 69. Failure of a boat to see or hear her recall notification, and the timing and order of such hails, or the length of time it takes to make a notification on the VHF radio will not be grounds for redress (This changes RRS 29.1 and 62.1 (a).)

10. THE FINISH

10.1. The Finish Line will be between the mast of the Race Committee Signal Boat and SA7 unless the course is shortened. The Race Committee will broadcast its decision to shorten a course, and provide relevant information, on VHF channel 69.

11. PENALTY SYSTEM, PROTEST AND REQUEST FOR REDRESS-

11.1. The Protest Desk will be located on the rail deck of COLYC club ship. Protest forms will be available at the Protest Desk. Protests shall be delivered to the Protest Desk within the protest time limit.

11.2. The Protest Time Limit is sixty (60) minutes after the Race Committee Signal Boat has docked. This changes rule 61.3

11.3. Notices will be posted near the Protest Desk as soon as possible to inform competitors of hearings in which they are a party or named as witnesses.

12. TIME LIMIT

12.1. Any race in which no boat rounds the first windward mark within 45 minutes, or finishes within two and a half (2½) hours of the start shall be abandoned. Any boats not finishing within 45 minutes of the finish time of the first boat will be scored TLE (Time Limit Expired).

12.2. If a boat in last place in a race is delaying the next start, the race committee may order the race terminated for that boat, and score the boat points equal to last place.

13. SCORING

13.1. The MORF Scoring System will apply. Each boat's series score will be the total score of all her races. There will be no discards. A boat will

be awarded points equal to (41 minus its corrected finish position) quantity squared [(41 - corrected finish position)²] for each race.

The following table shows the points corresponding to each corrected finish position.

| | | | | | | |
|--------|--------|--------|--------|--------|--------|-------|
| 1-1600 | 7-1156 | 13-784 | 19-484 | 25-256 | 31-100 | 37-16 |
| 2-1521 | 8-1089 | 14-729 | 20-441 | 26-225 | 32-81 | 38-9 |
| 3-1444 | 9-1024 | 15-676 | 21-400 | 27-196 | 33-64 | 39-4 |
| 4-1369 | 10-961 | 16-625 | 22-361 | 28-169 | 34-49 | 40-1 |
| 5-1296 | 11-900 | 17-576 | 23-324 | 29-144 | 35-36 | 41-0 |
| 6-1225 | 12-841 | 18-529 | 24-289 | 30-121 | 36-25 | |

If boats are tied (i.e., having equal corrected times), the points for the place for which the boats have tied and for the place(s) immediately below, shall be added together and divided equally.

Points awarded for scoring circumstances other than a normal start and finish will be as follows:

DNC (Did not *start*, did not come to the starting area): 0 points awarded.

DNS (Did not *start* (other than DNC and OCS)): 0 points awarded.

DNF (started but did not finish or retired): scored points for the finishing place one more than the number of boats entered in the series.

Saturday results will be posted on the MORF website at www.morfracing.com as soon as possible following racing.

14. WITHDRAWAL

Boats that retire from a race or do not intend to start a subsequent race shall notify the Race Committee on VHF Channel 69 before leaving the race course.

15. RACE COMMITTEE COURTESY BROADCASTS

The Race Committee may attempt to report visual signals displayed and other pertinent information over VHF Channel 69. This information is provided as a courtesy to competitors and does not in any way alter their responsibility to observe the Race Committee's visual signals which govern the conduct of the

race. Errors or omissions involving such courtesy broadcasts shall not be grounds for redress.

16. DOCKING

16.1 There will be some complimentary dockage available at Columbia Yacht Club from 1500 hours September 24. This dockage may be side tie configuration with other boats rafted alongside at least 2-3 deep. There will also be complimentary dockage for participants from out-of-town clubs during the weekend of racing. Please contact us morf@morfracing.org by Wednesday September 20 so that we can arrange for docking.

17. PRIZES

Both the MORF Open Trophy awarded to the overall series winner in the Spinnaker division, and the Jim Callahan Memorial Trophy will be awarded to the overall series winner in the JAM division

at the MORF Awards Dinner in the fall. Brag flags will be awarded at the Sky Way Yacht Works MORF Open party on the Columbia Tent Deck following racing on Sunday September 24. The flags awarded will be based on the number of participants in each section. For sections with fewer than four boats, only the first place overall finisher may be awarded a prize.

18. SOCIAL

Sunday, September 24 Awards party. Free beer and a la carte food will be provided. The party will be held on the tent deck of Columbia Yacht Club at 1600.

19. DISCLAIMER OF LIABILITY

Competitors participate in the regatta entirely at their own risk. See RRS 4, Decision to Race. The race organizers (MORF, Race Committee, Protest Committee, sponsors, or any other organization or official) will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the regatta. By participating in this regatta, each competitor agrees to release the race organizers from any and all liability associated with such competitor's participation in this event to the fullest extent permitted by law.

20. INSURANCE

Each participating boat shall be insured with valid third-party liability insurance with a minimum cover of \$300,000 per event or the equivalent.

21. INQUIRIES

Address any questions to MORF at morf@morfracing.org.

Sailing Instructions, Addendum A to 2017 Skyway yacht Works Fall open Regatta

Section 5 is replaced with:

5. SCHEDULE OF RACES AND EVENTS:

5.1 Schedules of Races

race Saturday September 23, 2017 1100 hours Warning Signal for first

race Sunday September 24, 2017 1100 hours Warning Signal for first

Two races are scheduled for Saturday and one Race is scheduled for Sunday, however If fewer than two races are completed on Saturday, more than one race may be run on Sunday.

The Signal boat shall fly Code Flag "A" to signal NO MORE RACING for the day.

5.2 Schedule of Social events and awards:




Awards Sunday September 24, 2017 1600 hours Post regatta party and

Section 6 is replaced with:

6. CLASS FLAGS AND SARTING ORDER

6.1 Table of Flags, Sections and starting order

| Section | Code Flag | Section | 1 st warning 1100 Starting order |
|-----------|---|---------------|---|
| Section 9 |  | All JAM boats | 1 |

| | | | |
|-------------|---|--------------------------------|---|
| Section 6-7 |  | PHRF 106- Infinity | 2 |
| Section 4-5 |  | PHRF 41- 105 | 3 |
| Section 3 |  | PHRF 40 - Minus Infinity | 4 |

6.2 Sections may be combined by the signal boat. If sections are combined, they will still be scored separately.

6.3 Subsequent races will be started after the last boat has finished or retired.

6.4 To assist in scoring class flags are requested to be flown from the boat's backstay.

11.1 is replaced with:

The Protests desk will be located inside the Columbia Yacht Club in the main salon, near between the Dining room and the Bar. Protest will be delivered to the Protest Desk within the Protest time limit OR will be emailed to FTBINC@USA.NET with the subject line of: MORF PROTEST by the time limit. Protest without cell phone information on the protest form may be delayed.

11.4 is added:

Appendix T will be in effect.

11.5 is added:

On the last scheduled day of racing a request for reopening a hearing shall be delivered:

- (a) Within the protest time limit if the requesting party was informed of the decision of the previous day;
- (b) No later than 30 minutes after the requesting party was informed of the decision on that day

This changes rule 62.2 and rule 66

11.6 is added:

On the last scheduled day of racing a request for redress based on a protest committee decision shall be delivered no later than 30 minutes after the decision was posted. This changes rule 62.2

Section 13 is replace with:

13 SCORING

13.1 The MORF Scoring System will apply. Each boat's series score will be the total score of all her races. There will be no discards. A boat will be awarded points equal to (41 minus its corrected finish position) quantity squared $[(41 - \text{corrected finish position})^2]$ for each race.

The following table shows the points corresponding to each corrected finish position.

| | | | | | | |
|--------|--------|--------|--------|--------|--------|-------|
| 1-1600 | 7-1156 | 13-784 | 19-484 | 25-256 | 31-100 | 37-16 |
| 2-1521 | 8-1089 | 14-729 | 20-441 | 26-225 | 32-81 | 38-9 |
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If boats are tied (i.e., having equal corrected times), the points for the place for which the boats have tied and for the place(s) immediately below, shall be added together and divided equally.

Points awarded for scoring circumstances other than a normal start and finish will be as follows: DNC (Did not start, did not come to the starting area): 0 points awarded.

DNS (Did not start (other than DNC and OCS)): 0 points awarded.

TLE: (Time Limit Expired): Scored points for the finishing place of the number of boats entered in the series.

DNF (started but did not finish or retired): scored points for the finishing place one more than the number of boats entered in the series.

13.2 One Race is required to be completed to constitute a series

13.3 The Series score will NOT Exclude any scores. (No "Throw outs")

September 18, 2017 - Bob. M.