

2019 Sailing Instructions

Last updated: Jan.11, 2019

For further information, or to recommend changes or additions, go to:

[Regatta Networks 2019 Series](#)

[View the current version of this document here.](#)

1. RULES

- 1.1. Races will be governed by the Racing Rules of Sailing (2017-2020) ([ISAF-RRS](#)), and these Sailing Instructions.
- 1.2. **All boats shall provide to the race committee a completed registration form. To register, go to the Regatta Network's Event page: [registration link](#)**
- 1.3. Updates to a boat's registration information (ie. contact info, sail #'s, etc...) shall be provided by updating the registration information on Regatta Networks.

2. NOTICES TO COMPETITORS

- 2.1. The Regatta Network's Event page for the current series and the Facebook Group (Sailors Racing) will be used as the Official Notice Boards. Notices will also be forwarded by email/text to registered skippers.
- 2.2. **Regatta Networks notice board:** [link](#)
- 2.3. **Facebook Group:** [Sailors Racing](#)

3. CHANGES IN SAILING INSTRUCTIONS

- 3.1. Any changes to these Sailing Instructions will be posted on the Official Notice Boards 24 hours prior to the scheduled start time of the race in which it will take effect.

4. SIGNALS

- 4.1. All signals shall be announced via radio broadcast, on Channel 71 (see Section 15 RADIO COMMUNICATION)

5. SCHEDULE OF RACES

- 5.1. Races will be conducted per the schedule posted on the Official Notice Board (see Section 2 NOTICES TO COMPETITORS)
- 5.2. Unless agree to otherwise, and posted in advance, only one race is scheduled per day.
- 5.3. Official time to be used for races shall be UTC (Coordinated Universal Time), or GMT (Greenwich Mean Time).

Note: GPS time shall not be used. GPS Time differs from UTC by at least 17 seconds.

Correct UTC/GMT time may be obtained from one of the following:

Greenwich: <https://greenwichmeantime.com/>

Atomic Clock: <https://www.time.gov/>

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6. CLASS FLAGS

- 6.1. The fleets designated for each sailing series will be as follows:
 - “A” AUX boats with PHRF less than 121
 - “B” AUX boats with PHRF greater than or equal to 121 and less than 222
 - “C” AUX boats with PHRF greater than or equal to 222
 - “D” AUX boats with Displacement over 6,500 pounds.
- 6.2. A boat that classifies for the “D” AUX fleet may instead race a series with the fleet designated by their PHRF rating (A,B, or C).
 - 6.2.1. **Displacement fleet Boats declaring that they wish to sail in the fleet designated by their PHRF rating (A, B, or C) shall notify the scorer prior to the beginning of each series, and shall sail the entire series in that fleet.**
- 6.3. There WILL NOT BE a separate fleet designation for the “Main and Jib” boats. “Main and Jib” boats will sail in the fleet designated by Sections 6.1 and 6.2.
 - 6.3.1. **Boats declaring that they wish to sail as “Main and Jib” (MJ) shall notify the scorer prior to the beginning of each series, and shall sail the entire series under main and jib alone. If at any point during a series a boat that has declared MJ is found to be sailing with a spinnaker, all scoring for that boat will be changed to reflect the non-spinnaker PHRF rating for that boat, and is subject to protest.**
- 6.4. Race Committee shall not add any additional fleets to any race or series without prior approval of senior race officers from each club.
- 6.5. The preferred number of starts is two.
 - Start 1: A & B Fleets
 - Start 2: C & D Fleets
 - 6.5.1. At the discretion of the race committee, additional starts may be used.
- 6.6. Start designation:
 - 6.6.1. The first starting fleet(s) will be designated as starting class one, represented by the class flag “Numeral 1”.
 - 6.6.2. The second starting fleet(s) will be designated as starting class two, by the class flag “Numeral 2”, etc...

7. RACING AREA

- 7.1. The racing area is on Lake Ray Hubbard, South of Interstate 30 (see Appendix 2,3: Map - Lake Marks)

8. MARKS

- 8.1. The marks of the course will be the permanent marks/buoys of the lake as described in Appendix A. Each of the marks has been marked with an alpha or numeric designation as shown on the map. GPS coordinates for each of these marks are provided. See Appendix 3: Locations - Lake Marks
- 8.2. In the event that the permanent marks are not used to conduct a race, the Race Committee will post the Come Within Hail flag, and signal the use of other marks. Race Committee will be required to measure and supply the scorer with the relevant distances to the temporary mark.
- 8.3. Jibe Marks will be designated “OS” in course diagrams if used. Race Committee will be required to measure and supply the scorer with the distance from the Jibe Mark to the windward mark, and to the “O” mark from the Jibe Mark.
- 8.4. In the event of a missing mark, the race shall be abandoned. If possible, a new start shall be attempted.

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9. THE COURSE

- 9.1. The course to be sailed will be designated and announced by the race committee prior to the start of the day's race.
- 9.2. Course Designations: Courses are identified by the following components:
- 9.2.1. Fleet Identifier: The letters "A", "B", "C", and "D" will be used to indicate the fleet to which the course applies.
- 9.2.1.1. In the event that fleet designations are not used, all boats shall sail the same course.
- 9.2.2. Mark Identifier(s): The mark designations listed in Appendix 3 or the compass heading to the marks, in sequential order.
- 9.2.2.1. The **Starting Mark** may be omitted from this list, if all laps are identical.
- 9.2.3. Course Identifier(See Appendix 1: Courses)
- W : Windward / Leeward
 - T : Triangle
 - O : Olympic
- 9.2.3.1. An "M" Suffix may be included on the Course Identifier to denote a **mid-course line** (see Appendix 1: Courses)
- 9.2.3.2. A Numeric Suffix on the Course Identifier denotes the number of **laps**.
- 9.2.3.3. If a Course does not fit any of the above categories, the Course Identifier is omitted.

Examples of courses indicated on the course board:

- **A 18-2 W2**
 - **A:** Fleet
 - **18-2:** Windward Mark
 - **W2:** Windward/Leeward Course, 2 laps
- **B 18-2 0 18-1**
 - **B:** Fleet
 - **18-2:** First Mark to be rounded
 - **0:** Second Mark to be rounded
 - **18-1:** Third Mark to be rounded
- **C 15-9 T2**
 - **B:** Fleet
 - **15:** First Mark to be rounded
 - **9:** Second Mark to be rounded
 - **T2:** Triangle Course, 2 laps
- **D 200 W1**
 - **D:** Fleet
 - **200:** First Mark to be rounded (at a heading of 200 degrees)
 - **W1:** Windward/Leeward Course: 1 lap
- **B 18-2 0 WM1** (start/finish line @ 18-1)
 - **B:** Fleet
 - **18-2:** Windward Mark
 - **0:** Leeward Mark
 - **WM1:** Windward/Leeward Course, **mid-course-line:** 1 lap

9.3. Typical Course:

- 9.3.1. "W" (Windward/Leeward) for Fleets A & B.
- 9.3.2. Triangle for Fleets C & D, when possible.
- 9.4. Leave all marks to Port, except as prescribed by the Race Committee
- 9.5. Poison Line: If the start/finish line is a **mid-course line**, then the line will be Closed (boats may not pass through the line while racing, except to start or finish).

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10. THE START

- 10.1. Abandoning a Race
 - 10.1.1. A race will not be abandoned until after its official warning time, with the following exceptions:
 - 10.1.1.1. Forecast unfavorable conditions: the Race Committee (utilizing Go/NoGo reference data) shall notify all racers that the day's race will be abandoned, but shall not make this notification more than 24 hours prior to a day's race.
 - 10.1.1.2. Extraordinary circumstances
 - 10.1.2. Abandonment more than 3 hours prior to a day's race will be posted on the Official Notice Board (See 2 - Notices to Competitors)
- 10.2. All boats shall endeavor to check-in at the Race Committee boat prior to the warning signal of each day's race. Check-in may be done via radio communication with the race committee at least 5 minutes prior to the warning signal of the day's race. Race Committee, at its discretion, may waive this requirement for a day's race.
- 10.3. The starting line will be between a staff displaying an orange flag on the committee boat (anchored) at the starboard end and the port end **Starting Mark**, or between the permanent **Starting Mark** and a temporary mark. (see Appendix 1: Courses) When using two marks for the starting line, the committee boat shall be on station at the starboard end of the starting line, at anchor or underway.
 - 10.3.1. The **Starting Mark** will be either Mark 0 (zero) or Mark 18-1. (see Appendices 2,3 : Lake Marks...))
 - 10.3.2. **Starting line length:** It is recommended that the race committee set a starting line of a minimum 600 feet on Wednesday Nights. (Rule of Thumb - start line length should be approximately 1.5 times the total length of all boats in the largest starting fleet).
 - 10.3.3. Race committee shall endeavor to set the line perpendicular to the wind.
- 10.4. Starting flags and a course board, accompanied with audible signals, transmitted over VHF radio, are the preferred method to start the fleet for Wednesday Night Races.
- 10.5. Not later than the warning signal, the Race Committee signal boat will display the mark designation for the windward mark and the course to be sailed. If a temporary mark is used, the approximate compass bearing of the first leg will be displayed.
- 10.6. Boats whose warning signal has not been made shall avoid the starting area.
- 10.7. The five minute rolling start sequence will be used (The warning signal for each succeeding class shall be made with the starting signal of the preceding class) (See Appendix 4: Starting Sequence)
- 10.8. The race committee will make a series of sounds one minute before the posted Warning signal, indicating the Preparatory signal for the start sequence. The Postpone signal may also be used in place of the Preparatory signal, with the removal of the flag one minute prior to posting/sounding of the Warning signal.
- 10.9. A boat starting later than 15 minutes after her starting signal will be scored (DNS), Did Not Start. This changes rule A4.

11. CHANGE OF COURSE AFTER THE START

- 11.1. Race Committee will only change a course at the **Starting Mark**.
 - 11.1.1. A Change of Course may only occur prior to the first boat rounding the **Starting Mark**.
 - 11.1.2. The Change of Course will be signalled via radio.
- 11.2. The "+" and "-" symbols will not be used to indicate a course that has been lengthened or shortened. This changes racing rule 33.
- 11.3. Temporary Marks ("OS") may be moved without notification and **will not** be displayed with a black band. This changes racing rule 33.

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12. THE FINISH

- 12.1.1. The finish line will be between:
 - 12.1.1.1. A staff displaying an orange flag on the Race Committee boat at the starboard end, and the **Starting Mark** at the port end.
 - 12.1.1.2. The **Starting Mark**, and a temporary mark. The race committee boat shall be on the starboard end at anchor or underway taking finishes. At the discretion of the race committee, the finish line may be shortened to a minimum of 100 ft. length.
 - 12.1.1.3. When two marks are used as the starting line, two marks shall be used as the finish line.
- 12.1.2. Race Committee will only shorten a course at the **Starting Mark**.
- 12.1.3. Race Committee shall finish the boats racing as the leading most part of the boat crosses the finish line.
- 12.1.4. All boats racing, retiring early (not intending to finish), shall notify the Race Committee at its earliest convenience. (See section 16 Safety).

13. TIME LIMIT

- 13.1. The time limit for the first boat to finish a Wednesday evening race will be 120 minutes (2 hours) from the start. Any boat not finishing within 150 minutes (2.5 hours) of the start will be scored DNF.

14. SCORING

- 14.1. The Low-Point Scoring System, rule A2 will apply.
- 14.2. The number of throwouts shall be starting at 4 Races, add 1 throw out per 3 races.
- 14.3. Boats scored as DNS, OCS, DNF, or DSQ shall be scored points for the finishing place, one more than the number of boats entered in the days race. (DNS shall only be scored for those boats that endeavored to come to the starting area).
- 14.4. Boats scored as DNC shall be scored points for the finishing place, one more than the number of boats entered in her fleet for the series.
- 14.5. Scoring for Race Committee:
 - 14.5.1. A boat serving Race Committee duty shall receive for that race a score equal to the average of scores they received for other races in that series, for one race. Additional races served as Race Committee duty in that series shall be scored DNS.
 - 14.5.2. A boat serving Race Committee duty shall be scored as RC.

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15. RADIO COMMUNICATION

- 15.1. The race committee will monitor VHF channels 16 and 71. All communications with the race committee should be done on channel 71, or by check-in. All communications after the start of the race should be made via VHF radio so that the information is shared by all competitors. After acknowledged contact on VHF channel 16, the race committee will direct the hailing boat to switch to channel 71.
 - 15.1.1. In case of an emergency, a vessel in distress should hail on Marine VHF channel 16. If unable to make contact with the appropriate authorities or Race Committee, consider attempting to hail Race Committee on channel 71 and channel 16. Repeat sequence as necessary.
- 15.2. Radio communications with the race committee during the starting sequence is discouraged, and will only be answered at the discretion of the race committee, or in the event of an emergency.
- 15.3. The race committee will endeavor to hail individual recalls. Hails will also be broadcast on VHF channel 71.

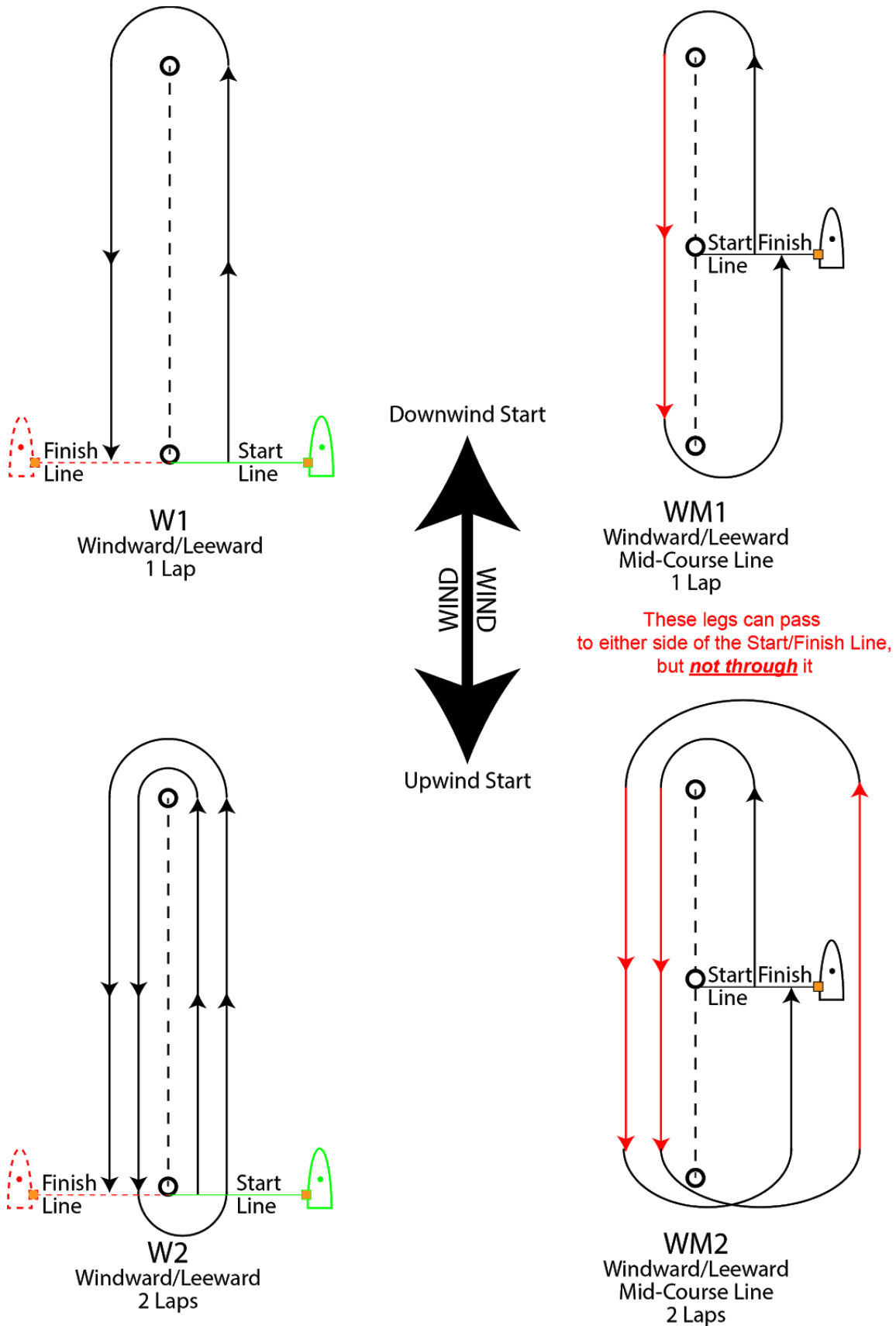
NOTE: DON'T FORGET to bring your VHF RADIO. Race Committee will use channel 71 to radio information to the competitors before and during the start sequence. Race Committee will radio the fleet on channel 71 as to the course for the day's race. Also, monitor channel 71 for course changes, and as a means to "stay connected" to the fleet during the race, and in case any boat radios a distress message. If you do not have a working VHF radio, arrive early enough to check in with the Race Committee to receive the course.

16. SAFETY, ASSUMPTION OF RISK AND RELEASE

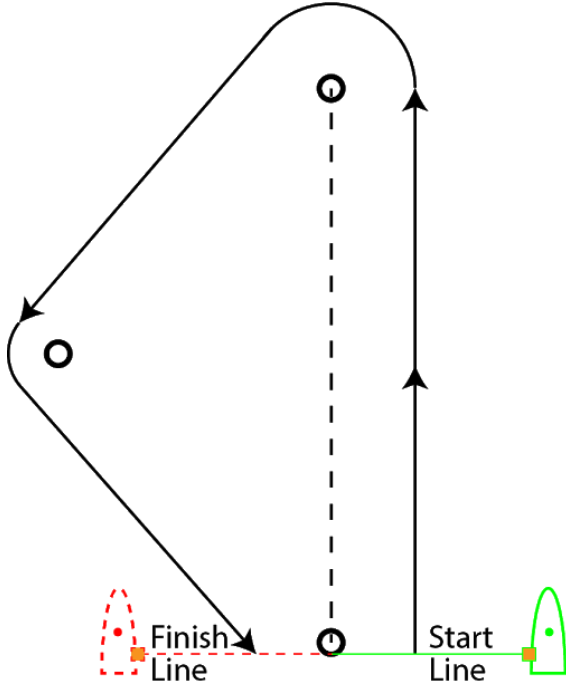
- 16.1. It shall be the sole responsibility of each yacht to decide whether or not to start or continue a race.
- 16.2. All boats participating are asked to check in with the committee boat prior to the Warning signals of each race.
- 16.3. A yacht that retires from a race shall attempt to notify the race committee before leaving the course area. See 15 Radio Communications.
- 16.4. Competitors participate in each racing series entirely at their own risk. See Racing Rules of Sailing (2017-2020) rule 4, Decision to Race. The organizing authority will not accept liability for material damage or personal injury or death sustained in conjunction with, or prior to, during or after the racing.
- 16.5. To the fullest extent permitted by law, participants waive any rights they may have to sue the race organizers (organizing authority, race committee, protest committee, host club, sponsors, or any other organization or official) involved with the event with respect to personal injury or property damage suffered by the participant or their crew as a result of participation in this event and release the race organizers from any liability for such injury or damage.
- 16.6. Other Misc Safety Information:
BE AWARE: All competing boats should already have an emergency plan in place to immediately retrieve a crew person who inadvertently falls overboard. All boats within close proximity to this type of emergency should be prepared to render aid.

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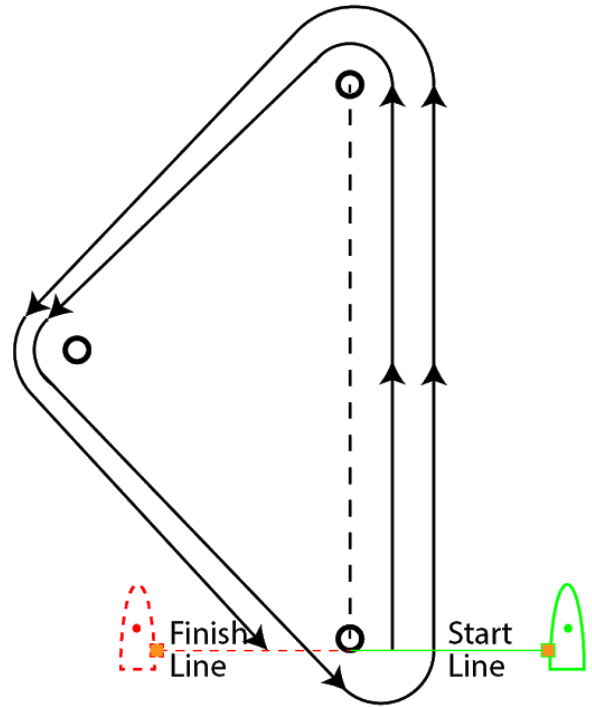
Appendix 1: Courses



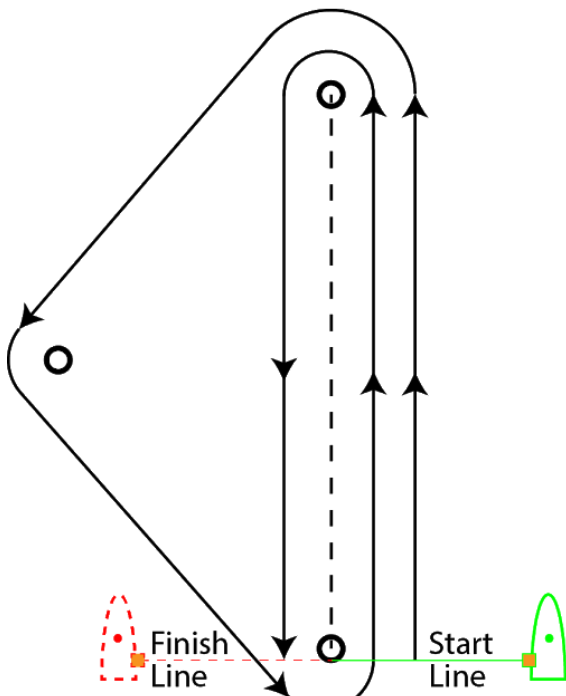
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T1
Triangle
1 Lap



T2
Triangle
2 Laps



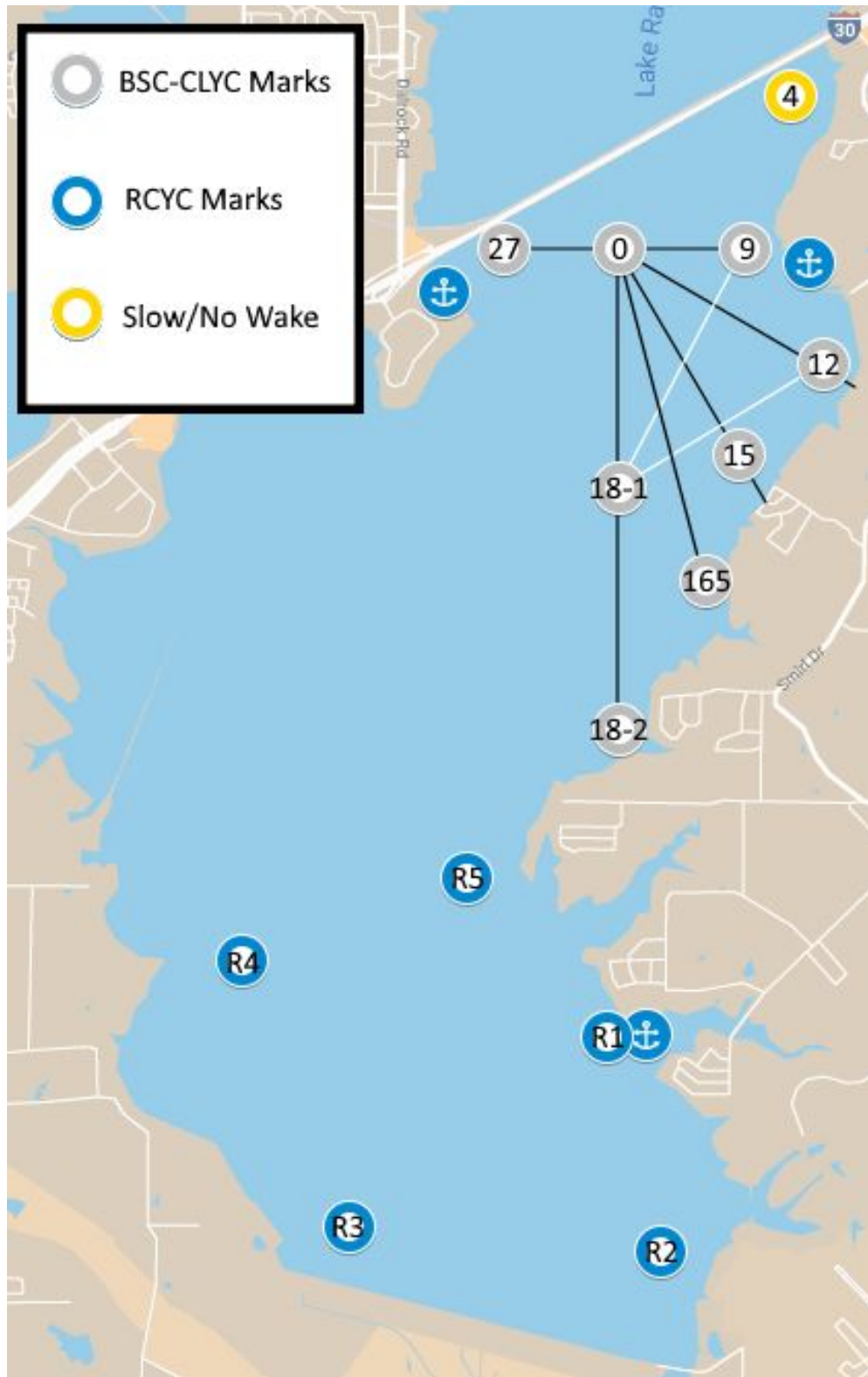
O
Olympic

Wind Direction



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Appendix 2: Lake Marks - Map



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From

Mark	Description	Latitude	Longitude	0	4	9	12	15	165	18-1	18-2	27	R1	R2	R3	R4	R5
0	Start	32N 52.688	96W 30.018		048 0.97	090 0.52	120 0.99	150 1	165 1.44	180 1	180 2	270 0.49	181 3.31	178 4.21	195 4.26	208 3.38	194 2.72
4	The Harbor	32N 53.332	96W 29.161	228 0.97		197 0.68	173 1.14	188 1.53	190 2.07	204 1.8	195 2.74	242 1.37	191 4.03	186 4.88	201 5.1	212 4.3	203 3.56
9	Chandlers-North	32N 52.686	96W 29.394	270 0.52	017 0.68		146 0.59	181 0.87	187 1.4	208 1.13	195 2.07	270 1.01	190 3.36	185 4.22	202 4.43	215 3.66	204 2.88
12	Chandlers-South	32N 52.2	96W 29	300 0.99	353 1.14	326 0.59		223 0.52	209 1.03	239 1	210 1.74	290 1.43	198 2.96	190 3.78	209 4.13	224 3.49	215 2.62
15	Mahria Bay	32N 51.82	96W 29.42	330 1	008 1.53	001 0.87	043 0.52		195 0.54	255 0.52	204 1.24	311 1.32	193 2.5	186 3.36	207 3.63	225 2.97	213 2.11
165	Heath Inlet	32N 51.295	96W 29.585	345 1.44	010 2.07	007 1.4	028 1.03	015 0.54		317 0.53	211 0.71	329 1.63	192 1.96	184 2.82	209 3.1	231 2.52	219 1.6
18-1	South, 1 mile	32N 51.685	96W 30.018	000 1	024 1.8	028 1.13	059 1	075 0.52	137 0.53		180 1	334 1.12	181 2.3	177 3.21	200 3.3	219 2.54	201 1.76
18-2	South, 2 miles	32N 50.69	96W 30.018	000 2	015 2.74	015 2.07	030 1.74	024 1.24	031 0.71	000 1		346 2.06	182 1.31	176 2.21	208 2.39	238 1.87	225 0.91
27	Bayside Marina	32N 52.688	96W 30.599	090 0.49	062 1.37	090 1.01	110 1.43	131 1.32	149 1.63	154 1.12	166 2.06		173 3.34	171 4.26	189 4.16	200 3.18	183 2.64
R1	RCYC Club	32N 49.383	96W 30.083	001 3.31	011 4.03	010 3.36	018 2.96	013 2.5	012 1.96	001 2.3	002 1.31	353 3.34		166 0.93	233 1.34	282 1.56	319 0.89
R2	RCYC Heath	32N 48.483	96W 29.817	358 4.21	006 4.88	005 4.22	010 3.78	006 3.36	004 2.82	357 3.21	356 2.21	351 4.26	346 0.93		274 1.31	305 2.13	333 1.77
R3	RCYC Sunnyvale	32N 48.583	96W 31.367	015 4.26	021 5.1	022 4.43	029 4.13	027 3.63	029 3.1	020 3.3	028 2.39	009 4.16	053 1.34	094 1.31		338 1.2	018 1.55
R4	RCYC Power Plant	32N 49.7	96W 31.9	028 3.38	032 4.3	035 3.66	044 3.49	044 2.97	051 2.52	039 2.54	058 1.87	020 3.18	102 1.56	125 2.13	158 1.2		070 1
R5	RCYC Terry Point	32N 50.05	96W 30.783	014 2.72	023 3.56	024 2.88	035 2.62	033 2.11	039 1.6	021 1.76	045 0.91	003 2.64	139 0.89	153 1.77	198 1.55	250 1	

Distances are in nautical miles



Note: Mark 4 is the 4th buoy from 1-30, off the north shore of The Harbor. Coordinates for Mark 4 are approximate.

To

Appendix 3: Lake Marks - Locations

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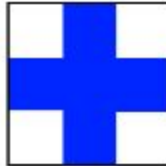
Appendix 4: Starting Sequence

Starting Signals				
Minutes before starting signal	Visual Signal	Sound	Meaning	Misc.
-6	None	Series	Preparatory	Preparatory signal (see 10.8)
-5	Class/Fleet Flag	1	Warning	Numeric Pennants 1, 2, 3, etc 
-4	P, I, Z, Z with I, Black	1	Preparatory	 (P), (I), (Z)
-1	Preparatory Removed	1	One-minute	
0	Class Flag Removed	1	Start 1 st Class	Start and Warning for succeeding class

Reminder:

Rule 29.1 - Individual Recall

When at a boat's starting signal any part of her hull, crew or equipment is on the course side of the starting line, the race committee shall promptly display flag X with one sound.



The flag shall be displayed until all such boats have sailed completely to the pre-start side of the of the starting line or one of its extensions, but no later than four minutes after the starting signal or one minute before any later starting signal, whichever is earlier.