

# 2018 Sailing Instructions

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

<http://www.regattanetwork.com/event/15894>

## Race Officer Contact Information:

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Last updated: Jan 31, 2018

# 2018 Sailing Instructions

## 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: <http://www.regattanetwork.com/event/15894>**
- 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. As a courtesy, notices shall be provided by email/text to registrants on the Sailors Racing Regatta Networks event page. <http://www.regattanetwork.com/event/15894>
- 2.2. **Regatta Networks registration:** <http://www.regattanetwork.com/event/15894>
- 2.3. **Facebook Group:** [Sailors Racing](#)
- 2.4. **Sailors Racing Regatta Networks Event:** <http://www.regattanetwork.com/event/13798>

## 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 between 121 and 222 (inclusive)
  - “C” AUX boats with PHRF greater than 222
  - “D” AUX boats with Displacement over 7,000 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: Map - Lake Marks)

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## 8. THE COURSE

- 8.1. The course to be sailed will be designated and announced by the race committee prior to the start of the day's race.
- 8.2. The typical course to be sailed will be "W" (Windward/Leeward). A numeric modifier may be used in addition to this designation to indicate the number of upwind legs (number of laps). See diagram in Appendix 1: Courses ("W2" indicates a "W" (Windward) Leg sailed two times)
- 8.3. At the discretion of the race committee, the course "T" (Triangle), or "O" (Olympic), along with numeric modifiers, may be used. If these courses are designated, the race committee will designate a permanent mark of the lake indicating the windward mark. The Jibe marks for these courses may be a temporary mark, set by the race committee. See 9.3 (Jibe Mark).
- 8.4. Leave all marks to Port, except as prescribed by the Race Committee (See 8.7)
- 8.5. The letters "A", "B", "C", and "D" will be used as modifiers to the course designations above, indicating the fleet to which the course applies ("B 181 W2" - indicates that the "B" fleet is to sail a W2 course using mark 181 as the windward mark). In the event that fleet designations are not used, all boats shall sail the same course.
- 8.6. The mark designations listed in Appendix 3 or the compass heading will be used as a numeric modifier preceding the course designation indicating the heading to the first mark of the course. All compass headings will be shown as a numeric value ending with the number "0" or "5". All mark designations represent the compass bearing to the mark, divided by 10. The third digit of a mark designation represents the distance to the mark, from the "0" mark.

Examples of courses indicated on the course board:

- **A 182-W2**
  - **A:** Fleet
  - **182:** Mark to be sailed to (Mark 182)
  - **W2:** Course to be sailed (Windward/Leeward x 2).
- **B 15-T**
  - **B:** Fleet
  - **15:** Mark to be sailed to (Mark 15).
  - **T:** Course to be sailed (Windward-Reach-Reach)
- **B 200-W**
  - **B:** Fleet
  - **200:** Compass heading to be sailed to (200 degrees)
  - **W:** Course to be sailed (Windward/Leeward)

In the event that all fleets are to use the same windward mark, the compass heading or mark designation may be posted separately.

Example:

182

AW2

BW

The heading to the first mark is 180 degrees, and the distance is 2 miles.

"A" Fleet's course will be a W2.

"B" Fleet's course will be a W.

- 8.7. For long distance courses or courses not designated by the course descriptors "T", "W", or "O", the following instructions shall be used.
  - 8.7.1. The "T", "W", or "O" descriptors shall be omitted from the course description.

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- 8.7.2. The course shall be designated by posting the designations of each of the marks to be rounded. In the event that the “Start-Finish” mark is used as a mark to be rounded, it shall be designated as mark “0” (zero).
- 8.7.3. Marks shall be rounded in the order posted on the course board.
- 8.7.4. Leave all marks to port, except as prescribed by the Race Committee.

Examples of courses indicated on the course board, **not** designated by “T”, “W”, or “O”:

- **A S D**
  - **A:** Fleet
  - **S:** First Mark to be rounded (Sunnyvale - S)
  - **D:** Second Mark to be rounded (Dam - D)
- **B D S**
  - **B:** Fleet
  - **D:** First Mark to be rounded (Dam - D)
  - **S:** Second Mark to be rounded (Sunnyvale - S)
- **B 15-9** (this course is equivalent to a “T”)
  - **B:** Fleet
  - **15:** First Mark to be rounded (Mark 15)
  - **9:** Second Mark to be rounded (Mark 9)
- **A 15-27**
  - **A:** Fleet
  - **15:** First Mark to be rounded (Mark 15)
  - **27:** Second Mark to be rounded (Mark 27)
- **B 181-9-0-181**
  - **B:** Fleet
  - **181:** First Mark to be rounded (Mark 181)
  - **9:** Second Mark to be rounded (Mark 9)
  - **0:** Third Mark to be rounded (Mark 0)
  - **19-1:** Fourth Mark to be rounded (Mark 181)

## 9. MARKS



- 9.1. 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
- 9.2. 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.
- 9.3. 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 “0” mark from the Jibe Mark.
- 9.4. In the event of a missing mark, the race shall be abandoned. If possible, a new start shall be attempted.

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## 10. THE START

- 10.1. Abandoning a Race
  - 10.1.1. A race will not be abandoned until after its official warning time, unless at the discretion of the Race Committee.
  - 10.1.2. In the event of forecasted 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.
  - 10.1.3. 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 (Mark "0" (zero) - see Appendix 1: Courses), or between the permanent Mark "0" (zero) (on Starboard) and a temporary mark. 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. **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).
  - 10.3.2. 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).
- 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.

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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 <sup>st</sup> Class	Start and Warning for succeeding class

10.9. A boat starting later than 15 minutes after her starting signal will be scored (DNS), Did Not Start. This changes rule A4.

**10.10. Australian Pursuit Race (Sunday or Saturday races):**

10.10.1. The race committee boat shall provide each boat racing with their respective start time from the "Pursuit Start Time Sheet" listed under "Race Documents" for the current series event and course set by the Race Committee.

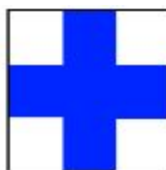
10.10.2. There shall be no time limit for a boat to start after her posted starting time. This changes rule A4.

10.10.3. All Boats shall start within one boat length of the permanent mark "0", unless a temporary mark is in place.

**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.

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## 11. THE FINISH

- 11.1. The finish line will be between:
  - 11.1.1. A staff displaying an orange flag on the Race Committee boat at the starboard end, and the "0" (zero) mark at the port end.
  - 11.1.2. The permanent mark "0" (zero), 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.
  - 11.1.3. When two marks are used as the starting line, two marks shall be used as the finish line.
- 11.2. Race Committee will only shorten a course at the "0" (zero) mark.
- 11.3. Race Committee shall finish the boats racing as the leading most part of the boat crosses the finish line.
- 11.4. All boats racing, retiring early (not intending to finish), shall notify the Race Committee at its earliest convenience. (See section 16 Safety).
- 11.5. **Australian Pursuit Race (Sunday or Saturday races):**
  - 11.5.1. All Boats shall finish within one boat length of the permanent mark "0", unless a temporary mark is in place.
  - 11.5.2. At the conclusion of each race, all competitors are requested to record their finish time and forward to race committee either by radio, text message, and/or email.

## 12. CHANGE OF COURSE AFTER THE START

- 12.1. Race Committee will only change a course at the "0" mark.
  - 12.1.1. A Change of Course may only occur prior to the first boat rounding the "0" mark.
  - 12.1.2. The Change of Course will be signalled via radio.
- 12.2. The "+" and "-" symbols will not be used to indicate a course that has been lengthened or shortened. This changes racing rule 33.
- 12.3. Temporary Marks ("OS") may be moved without notification and **will not** be displayed with a black band. This changes racing rule 33.
- 12.4. For Saturday Evening and Sunday races, there shall be no change of course after the start, unless the race committee is able to confirm agreement that all boats that started have agreed to and acknowledge the change of course.

## 13. TIME LIMIT

- 13.1. The time limit for the first boat to finish a Sunday afternoon race will be 180 minutes (3 hours) from the start. Any boat not finishing within 210 minutes (3.5 hours) of the start will be scored DNF.
- 13.2. 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.
- 13.3. There shall be no time limit for a Saturday night race.



# 2018 Sailing Instructions

## 14. SCORING

- 14.1. The Low-Point Scoring System, rule A2 will apply.
- 14.2. The number of throwouts shall be:
  - 14.2.1. For Wednesday Night Series: Starting at 5 Races, add 1 throw out per 4 races.
  - 14.2.2. For Weekend Series: 50% of races completed.
- 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.

## 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.

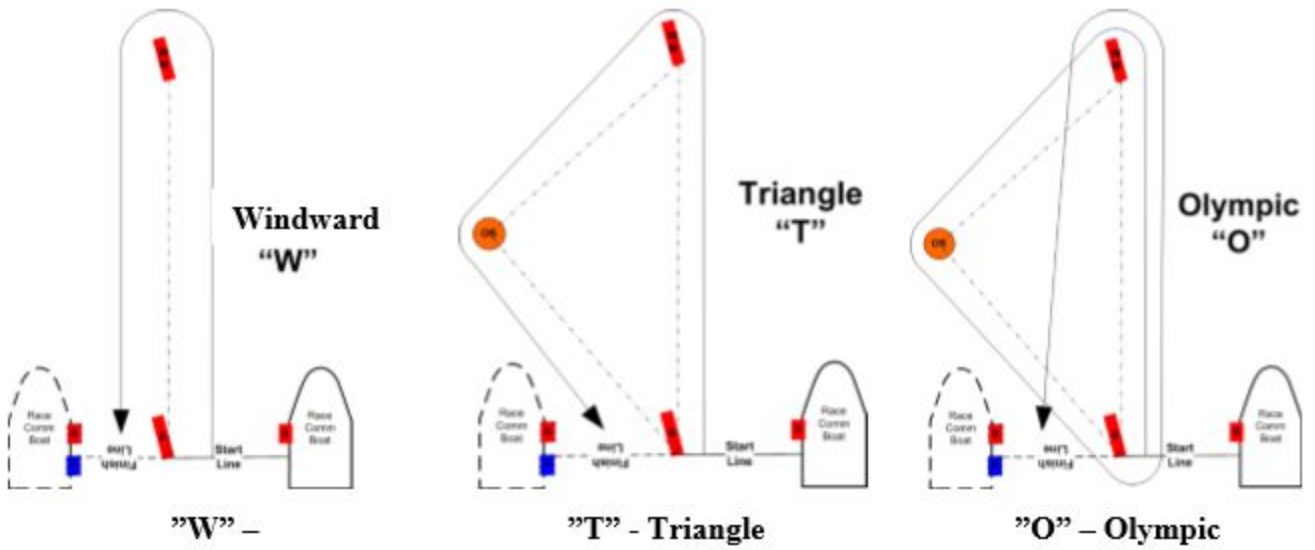
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## 16. SAFETY, ASSUMPTION OF RISK AND RELEASE

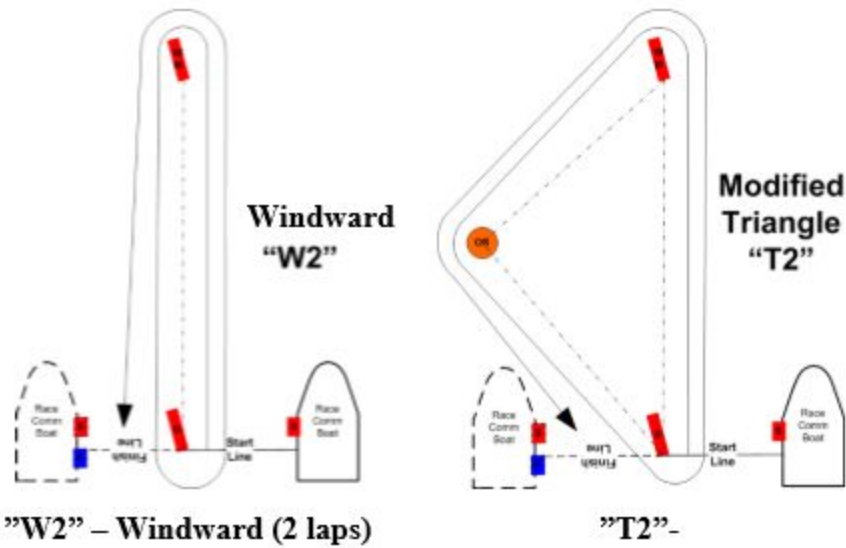
- 16.1. It shall be the sole responsibility of each yacht to decide whether or not to start or continue a race.
- 16.2. All boats participating are asked to check in with the committee boat prior to the Warning signals of each race.
- 16.3. A yacht that retires from a race shall attempt to notify the 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.**

# 2018 Sailing Instructions

## Appendix 1: Courses



## Modified Courses



Down-wind Start

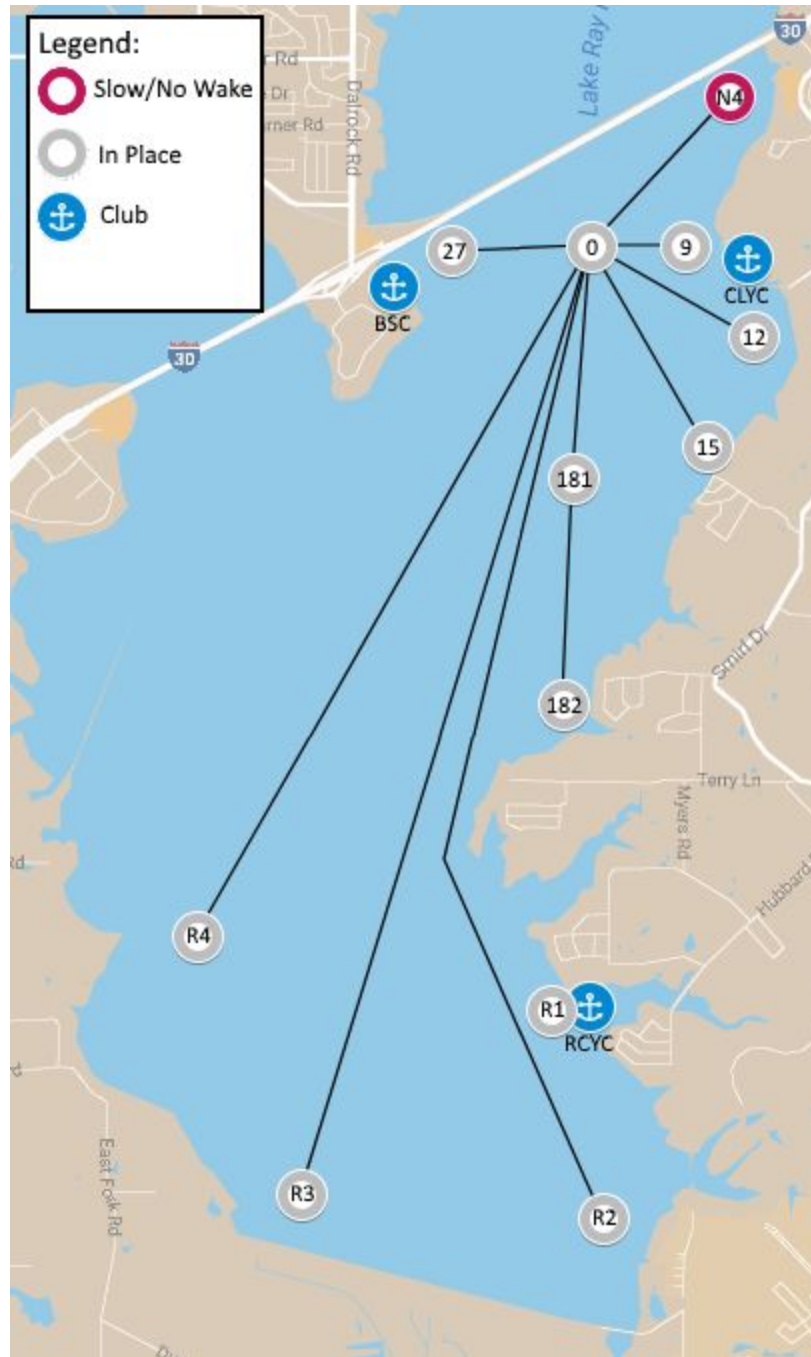


Up-wind Start

Wind Direction for all courses described on this sheet.

# 2018 Sailing Instructions

## Appendix 2: Map - Lake Marks



# 2018 Sailing Instructions

## Appendix 3: Locations - Lake Marks

Notes:

1. All numeric mark designations represent the compass bearing to the mark from mark "0"(zero), divided by 10. The third digit of a mark designation represents the distance to the mark from mark "0"(zero).
2. Mark "N4" is the **fourth** mark from the north short of Interstate 30, near The Harbor. Coordinates to this mark in the chart below are an approximate location, to be used as a guide only.

Mark	Latitude		Longitude		To/From 0 (zero)
	Deg	Mins	Deg	Mins	
0(zero)	32	52.688	96	29.877	0
N4	32	53.332	96	29.161	0.88
9	32	52.686	96	29.394	0.41
12	32	52.292	96	29.043	0.8
15	32	51.818	96	29.277	1.01
18-1	32	51.685	96	29.963	1.01
18-2	32	50.705	96	30.018	1.99
27	32	52.667	96	30.599	0.61
R2	32	48.483	96	29.817	4.21
R3	32	48.583	96	31.367	4.29
R4	32	49.700	96	31.900	3.44
R5?					

Coordinates updated: Jan 2018