



# 2020 SAILING INSTRUCTIONS

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## RULES

The current [Racing Rules of Sailing 2017-2020](#) as published by World Sailing govern these races, as modified by these Sailing Instructions (SIs).

The race committee may provide unofficial communication, which is communication not governed by the rules, at any time by hail or over **VHF channel 68**. A request for redress may not be based on any aspect of unofficial communication, including content, timeliness, or failure to hear. This changes [RRS 62.1\(a\)](#).

## DEFINITIONS

Committee Boat = CB

Race Committee = RC

Fleet Captain Sail = FCS

Performance Handicap Racing Fleet = PHRF

## ELIGIBILITY AND REGISTRATION

Club racing is open to any member of a recognized yacht club. A [registration form](#) and payment must be received in order to be scored.

Insurance in the amount of \$400,000 USD or equivalent must be carried by all racing yachts. Insurance must specifically cover racing and allow for “permissive use” if a skipper other than the owner is the person in charge.



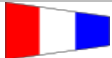

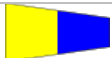



## CLUB RACING SCHEDULE

Racing will run May through September:

- **May series** races will be unscored “tune-up” racing on **Wednesday nights** with the first warning at **17:55:00** and the first start at **18:00:00**.
- **June-August series** races will be on **Wednesday nights** with the first warning at **17:55:00** and the first start at **18:00:00**. One medium- to long-distance race will be held on a Friday each month. *This schedule may be modified based on Covid-19 county guidelines.*
- **September** races will be on Sunday afternoons with the first warning at **13:55:00** and the first start at **14:00:00**.

GPS time will be used whenever possible for starting times. [Emerald Time](#) (iOS) and [SailFreeGPS](#) (Android) also provide GPS time to the second.

## COURSES

	Flag	Wind Conditions	Course
1		Strong SE	Start—SE—NE—NW—Finish
2		Medium SE	Start—SE—NW—Finish
3		Light SE	Start—SE—Finish
4		Strong/medium SW	Start—SW—NE—Finish
5		Light SW	Start—SW—Finish
6		Strong/medium NW	Start—NW—SE—Finish
7		Light NW	Start—NW—Finish
--		Custom course to be set by RC. Come within hail flag + VHF 68.	

### Notes:

- The RC may display the course number by flying pennants 1 through 7 or flag L “come within hail” before the sequence. RC will also hail the course on **VHF channel 68**. All attempts to inform boats of the proper course will be made.
- No courses will be twice-around. Time permitting, a second race will be run.

## PERMANENT MARK LOCATIONS





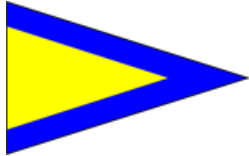
<b>E</b>	E shore below West Sound Marina: N 48° 37.227' / W 122° 57.475'
<b>SE</b>	SE corner of West Sound: 48° 36.206' / W 122° 57.370'
<b>SW</b>	Double Island: N 48° 36.331' / W 122° 58.248'
<b>NW</b>	Massacre Bay: N 48° 37.549' / W 122° 58.615'

## WEATHER AND WEBCAM

Racers may use the new [weather station](#) and [webcam](#). The weather station provides current conditions and trend graphs. The webcam can be rewound to show prior conditions of up to 12 hours to help prepare for a race or replay later.

## STARTING SEQUENCE AND SOUNDS

The starting sequence will follow [RRS Rule 26](#). The RC (at its discretion and only as a courtesy) may elect to announce the upcoming start sequence and/or a countdown to starting flags on VHF Channel 68. Note that a barging buoy may be used and is considered part of the CB. *No six-minute warning sound will be made!*

Flag	Time	Flag	Sound
	17:55:00	Class flag up	1 horn
	17:54:00	Preparatory flag up	1 horn
	17:59:00	Preparatory flag down	1 horn
	18:00:00	Class flag down	1 horn
Post-start actions			
No flag	<b>All clear:</b> RC announces “All Clear” verbally and/or by VHF channel 68 if all boats were behind the starting line at the start.		
	<b>Individual recall:</b> If a small number of boats are over early, RC flies the <b>X flag</b> and sounds one horn. It may announce over-early boats via VHF 68 as a courtesy. Flag is removed once all boats have re-started correctly.		1 horn
	<b>General recall:</b> If too many boats are over early to determine individual recalls, RC flies <b>first substitute flag</b> and sounds two horns. Once the fleet has returned, the first substitute flag is lowered with one horn. One minute later, begin a normal starting sequence with class flag up with one horn.		2 horns

## RACE SCORING

The time-on-time system of scoring races will be used for buoy racing. The number used in the denominator will be according to the [US Sailing PHRF guidelines](#):

- **650** for light wind. Boats are sailing at less than half of their hull speed, are slow around the course, or there are dead spots.
- **550** for moderate wind. Boats can get around the course without significant slow spots and there are no whitecaps.
- **480** for heavy air (whitecaps).

A Martin 242 one-design class and a PHRF class will start simultaneously but be scored separately. For overall scoring, current PHRF ratings will be used.

Time-on-distance may be used for medium- or long-distance races.

### Series and throw outs

Each series' results will be the total of all individual race results.

Each participant will throw out the worst score for each of five races in a series. For example, if there are 10 races, then two throw outs will be applied.

Non-paid registrations will be scored at 100 per race if registration has not been processed by the end of a series.

### Scoring when acting as RC

Boats acting as RC will receive an average of their scores for the series for up to two races per series. The total series score will be rounded to the nearest full score at the end of the series.

### Results

[Online results](#) will be posted in a timely fashion. Thank you to Justin Wolfe for volunteering to manage results.

### Sailor of the Year (SOTY)

SOTY is a compilation of all series results and the results of the club's other events. Sailors who receive the highest total for the year are then scored on results per series with three points awarded for first, two points for second, and one point for third. The total of series scores and scores for Winter Shaw, Opening Day, East Sound Spring Regatta, Round Orcas, and Benson Cup determines SOTY.

# RACE MANAGEMENT

## RC responsibility

Each race boat is expected to volunteer for at least one RC evening per season. A schedule is published for the season. The RC must:

- **Arrange for a CB.** This could be the race boat, a cruiser, or another boat.
- **Arrange for additional RC crew.** This could be his/her crew, another racer, or anyone else who wants to help manage the race.
- **Confirm RC equipment.** Before race day, ensure all equipment is available per the checklist below.
- Optionally, consider making a chase boat available for additional marks

## Committee Boat (CB) responsibility

The CB skipper's responsibility is to transport the RC and manage the vessel per the direction of the RC. The CB should be on station with a starting line set up no later than 30 minutes before the scheduled start time.

The CB should carry at least one VHF radio and gear appropriate for anchoring in West Sound in 40-80' of water. A start line flag, ideally on a pole, will need to be secured on the vessel in a place convenient for the RC to sight the starting line.

## Race Committee

The RC is responsible for running the race, including working with the CB to set a start line perpendicular to the wind, starting the race, and capturing results.

The RC is responsible for delivering all equipment to the CB. The following equipment is stored in the West Sound Marina building in the room closest to the Kenmore Air dock (next to Rainshadow Solar).

- **Flags.** Numerals 1-7, L, M, X, AP, race committee, starting line, class, preparatory, individual recall, and first substitute flags are included.
- **Horns.** Two horns are provided. Notify FCS if replacement canisters are needed.
- **Automated start box.** Sail Orcas has offered use of their start box, which provides automated sounds, for club racing. Contact Ken or Burke for instructions on use.
- **Stopwatch.** Ideally, use a GPS or cell phone time app (i.e. Emerald Time on iOS or SailFreeGPS on Android) that provides NTP-based time to the second. Alternatively, use the provided stopwatch to record elapsed time.

- **Start mark.** The starting pin is a floating pole with an orange flag attached to a small anchor and enough rode.
- **Recording supplies.** A clipboard with results forms and a pen is available.
- **Barging buoy.** This buoy may optionally be attached to the port aft corner of the CB to discourage starting too close to the CB. It is recommended to use this when an OIYC cruiser's boat is the CB.

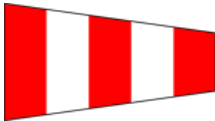
Once on station with a start line set, the RC should display the following flags:



The **RC flag** indicates the race committee vessel. It may be flown anywhere on the CB.



The **starting line flag** should be displayed on the CB once on station. The starting line is between this flag and the pin, so ensure good visibility.



Optionally, the **postponement flag** should be flown (with two horn signals) if the warning signal will be after the scheduled sequence. This may be due to wind being too light or heavy or at the discretion of the RC for late arriving boats. When removing this flag, sound one horn and begin the starting sequence one minute later.

Select a course as described in the [Courses](#) section of this document. Courses should run 30 minutes to ideally allow two races in an evening.

After choosing a course, display the appropriate pennant or flag and broadcast the course on VHF channel 68. Ensure that each participant clearly understands the course.

On the clipboard, record the participating boats, the course chosen, and the wind and sea conditions.

**Start the race on time!** Follow the starting procedure as described in [RRS Rule 26](#) and the [Starting Sequence and Sounds](#) section of this document.

Take pictures if possible! Share with Justin when submitting results.

Record results on the clipboard. After racing is complete, take a picture of the results and either text to Justin Wolfe at 360.627.0573 or email to [justwolfe@gmail.com](mailto:justwolfe@gmail.com).

Time permitting, start a second race. Do not start a second race if after 7 PM.