

The Multi-Sail Concept

Lake Shore Sail Club has been using the following “Multi-Sail Rule” for four years during its Club Sunday Series. It was also used for the 2010 Inter-Club Team Championship Race. The concept has been discussed at DRYA Executive Committee meetings, the DRYA Fall De-briefing, and DRYA rating reviews.

Lake Shore Sail Club will be using the “Multi-Sail Rule” for its Wednesday Sunset Series Races.

In order to provide tighter class splits, the PRF and JAM classes are combined into a number of “Multi-Sail” classes. The number of classes will be determined by the number of boats registering for the LSSC Spring Sunset Series. The following “rating adjustment for headsail usage” will be applied:

If a symmetrical spinnaker is *flown* at any time during the race, the boat’s primary rating will be used as it’s rating for that race.

If an asymmetrical spinnaker is *flown* at any time during a race, a six (6) second rating credit will be added to the boat’s primary rating for that race.

If a boat chooses to sail JAM for the entire race, a twelve (12) second rating credit will be added to the boat’s primary rating for that race.

Note, if both a symmetrical and an asymmetrical spinnaker are *flown* at any time during a race, the boat’s primary rating will be used for that race.

A boat, whose primary rating is based on the use of an asymmetrical spinnaker, such as “sprit” boats (J105, J120, etc), will not be eligible for the six (6) second rating credit for an asymmetrical spinnaker, but will receive the full twelve (12) second rating credit if they choose to sail JAM only for the entire race.

The rating credit will be added to the boats PHRF rating. The PHRF rating will then be converted to a Time Correction Factor for time on time scoring using the formula $TCF = 650 / (\text{PHRF rating} + 557)$. This is the same formula currently in use for the DRYA member club races on Saturdays and is the same formula used last year in the LSSC Sunset and Club Series.

These credit adjustments will apply race-to-race. The default rating will be the boats primary rating. **To receive a credit, a boat must hail or otherwise inform the Race Committee Boat at their finish or within one (1) hour of finishing.** See Sailing Instructions for full information.

This plan is **DYNAMIC**. There is no need to reconfigure your boat, purchase or install new equipment, or get re-measured. **EACH** race day, during the race, **YOU** decide which combination of sails to use, then at the finish notify the race committee **ONLY** if you have **NOT** flown a symmetrical spinnaker; i.e. if you used only an asymmetrical spinnaker or sailed JAM for the entire race.

Multi-Sail is flexible! With multi-sail you are **not confined** to a PHRF class when you’re short-handed, **nor are you confined** to a JAM class when it’s blowing 8-10 and you, for once, have six crew aboard.

Flown is defined as hoisted and trimmed.