



Loch Tummel Sailing Club

Race Office

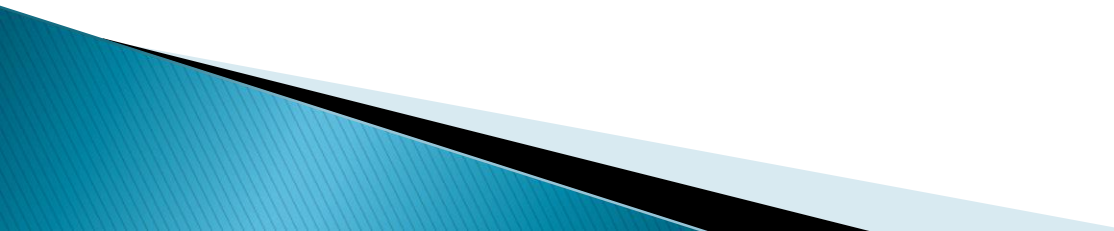
Kirsty Hamilton
Sailing Secretary



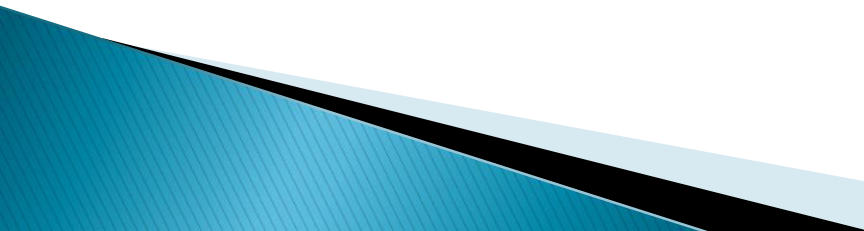
- ▶ To become familiar with LTSC 2018 sailing instructions
- ▶ To become familiar with the officer of the day duties including setting a course
- ▶ To become familiar with Sail 100 computer programme to calculate race results

LTSC Sailing Instructions 2018

- ▶ Available on club website at:-
- ▶ <http://www.lochtummelsc.org/index.php/content/documents>
- ▶ 1 hard copy in Race Box and 1 on Results notice board in link corridor

- ▶ **SI 2.2 Sail numbers** – Owners must take action to ensure that sail numbers match the boat being sailed
 - ▶ **SI 2.4 Personal Buoyancy** – Adequate personal buoyancy for all crewmembers shall be worn at all times whilst afloat
 - ▶ **SI 5.1 Handicaps** – The RYA Portsmouth Yardstick Scheme as set out in the current YR2 will be used
- 

Classes

- ▶ 1: This is available to all handicaps and will normally be sailed over the full sized course normally using marks A to X
 - ▶ 2: Available only to boats PY1200 and upwards and will normally be sailed over the smaller course normally using marks S & 1 to 4
 - ▶ There will be a separate start for each class, normally staggered in 5 minute intervals
- 



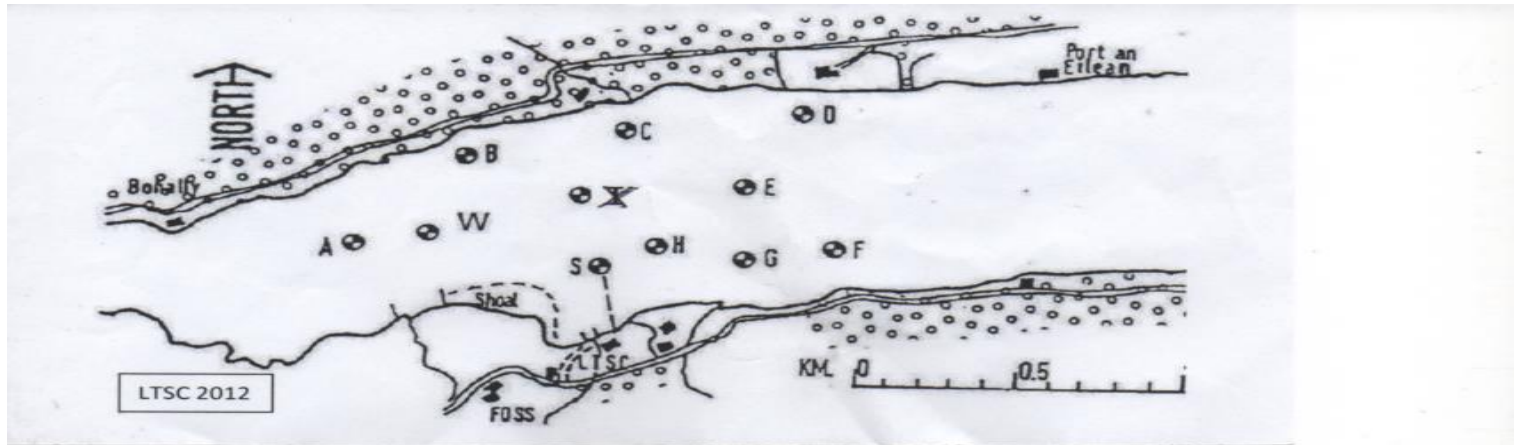
▶ SI 5.4 Calculation of Results

- Results will be calculated using the average lap time method

▶ **SI 8 Marks** –

- ▶ Course 1 Racing marks will be red cylindrical buoys and orange spherical buoys (refer to course chart)
- ▶ Course 2 – Racing marks will be yellow buoys numbered 1 to 4. (refer to course chart)
- ▶ The starting and finish mark is "S" Mark and will be a blue cylindrical buoy
- ▶ The Inner Limit Mark (ILM), if used, will be an orange or yellow cylindrical or spherical buoy
- ▶ No boat shall sail between the Inner Limit Mark (ILM) and the south shore at any point in the race after the 5 min warning signal
- ▶ In areas of the Loch there may be a number of small coloured marks close to the shore – these indicate shallows. This does not preclude shallow water being found elsewhere.

Course 1 Marks



SI 9 The Start

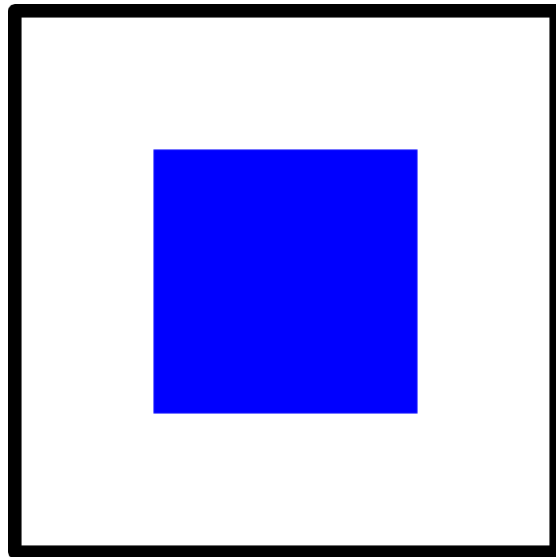
- ▶ A race will be constituted when the minimum number of boats are in the starting area
 - 2 boats for Class 1
 - 2 boats for Class 2
- ▶ The time sequence for start is:–
5mins,4mins,1 mins,0 Start
- ▶ Lighting system in use

SI 9.1 Shore Based Starting Line

- ▶ The extension to the north of a line through the signal flag mast at the race box and the mobile transit pole situated on the south shore of the loch. All boats must pass between the outer limit (Mark "S") and the South shore to start at the end of each round.

SI 10 Shorten Course

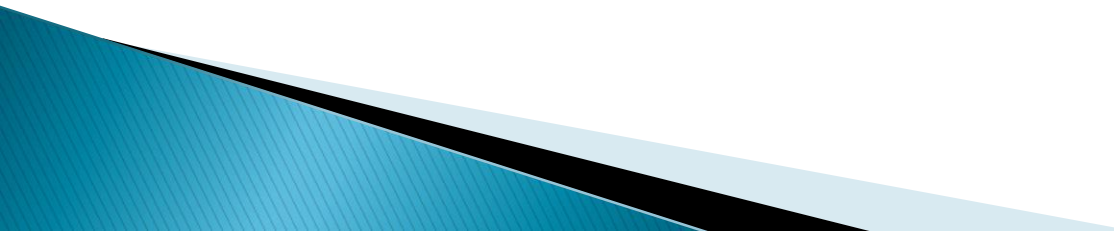
- ▶ The Race Officer may shorten course for any reason. Flag “S” will be shown with 2 sound signals



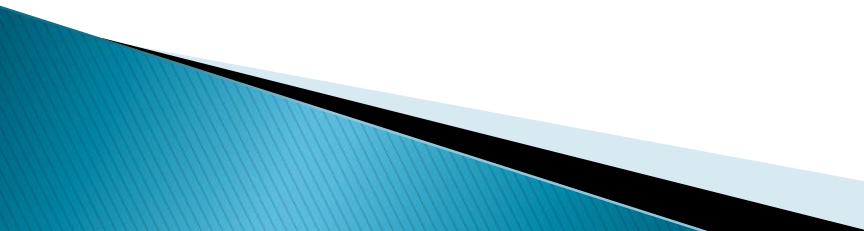
SI 10.1 Single Round Option

- ▶ For boats of PY 1340 or higher (eg Topper and slower) being helmed by an individual in their first year of racing during Cup races (eg on the larger class 1 course) may opt to finish the race after only 1 lap. The helm must inform the race officer of their intentions prior to going on the water. They must cross the line as normal and come ashore immediately. No sound signal will be made for crossing the line.

SI 11 The Finish

- ▶ The finish line will be through the signal flag mast and mark "S"
 - ▶ A boat finishes when any part of her hull, or crew, or equipment in normal position, crosses the finish line in the direction of the course from the last mark
- 


Officer of the Day Duties(OOD)

- ▶ 11 am start
 - ▶ Unlock the race box
 - ▶ Hoist Union Flag to top of flag pole
 - ▶ Test hooter and lights
 - ▶ Sign in sheets (am and pm)
 - ▶ Race recording sheets one per race/class
 - ▶ Check wind direction against forecast
- 

Websites for weather forecast

- ▶ Met office – <https://www.metoffice.gov.uk/>
 - ▶ Metcheck – <http://www.metcheck.com/>
 - ▶ Windguru – <https://www.windguru.cz/149801>
 - ▶ Other websites are available
- 

Setting course 1

- ▶ Ideally 1st leg is a beat to windward mark
 - ▶ Subsequent legs should include:
runs and reaches and beats in any combination
 - ▶ Last leg towards Start/Finish line ideally is a beat
 - ▶ Use club course chart to see where all the marks are
 - ▶ Orange spherical marks East and West are moveable
 - ▶ Light winds keep course small
- 

▶ Course 2

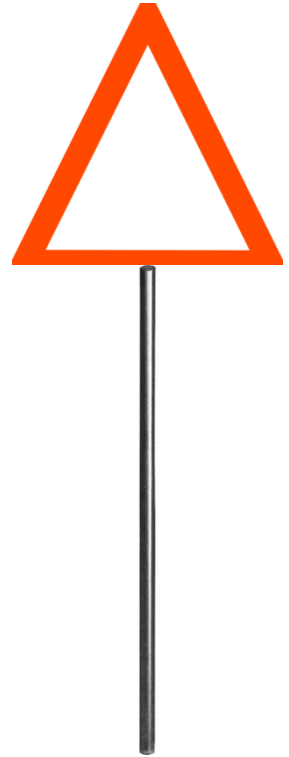
- Use yellow buoys marked 1, 2, 3, 4

- ▶ Display course 1 on the blue board with letters and mark roundings

- ▶ Example– W X C G S



- ▶ Raise the transit pole
- ▶ Set the start line ~ 90° to the wind direction by moving transit pole to suit
- ▶ Start line is between the flag pole and the transit, with S mark as outer limit
- ▶ Remember to drop the transit pole after the start because it doesn't form part of the finish line



Starting Times

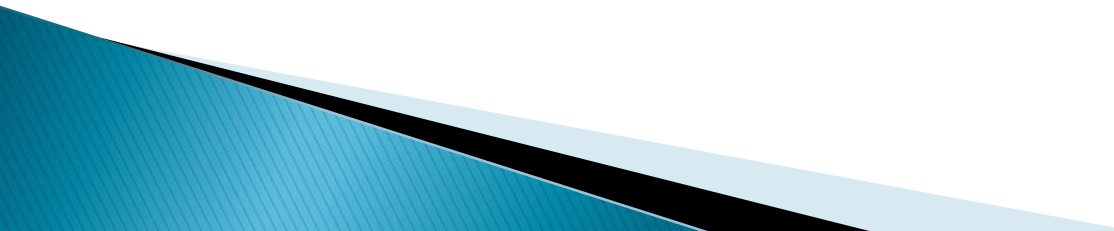
	Morning	Afternoon 1	Afternoon 2
Class 1	12 pm	2 pm	ASAP after class 1 & 2 finishes
Class 2	12.05 pm	2.05 pm	ASAP after class 1 & 2 finishes

Starting Sequence(5 4 1 0)

Minutes before start	Signal	Lights	Sound signal
5	Warning	One light – on	1 sound
4	Preparatory	Two lights – on	1 sound
1	Preparatory	One light – off	1 long sound
0	Course 1 start & course 2 Warning	Both lights – off	1 sound
+1	Preparatory	Two lights – on	1 sound
+4	Preparatory	One light – off	1 long sound
+5	Course 2 start	Both lights – off	1 sound

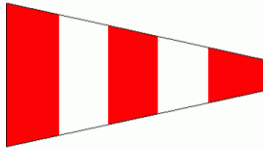
- ▶ First Warning sound for 12 pm start is 11.55 am
- ▶ First Warning sound for 2 pm start is 1.55 pm
- ▶ Boat(s) over the line– switch on orange flashing light and 1 sound
- ▶ Orange light remains on for a maximum of 4 minutes or until offending boat(s) have returned to pre course side of start line
- ▶ Failure to return to pre course side of start line will result in being judged OCS(on course side)



- ▶ Course 1 and 2 series races are run on average lap time racing
 - ▶ Record the times of each boat as they pass through the line on every lap on the race recording sheets ie 12:00 start , after 1st round a boats time is 12:15:25
 - ▶ All Course 1 races should be timed to last ~ 45 minutes to 1 hr for slower boats
- 

Postponement

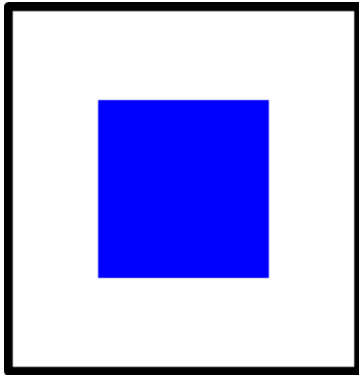
- ▶ It may be necessary to delay racing (if no wind or wind is too strong)
- ▶ Hoist flag AP(answering pennant) accompanied by two sound signals.




- ▶ This is cancelled by lowering AP accompanied by 1 sound signal
- ▶ The start sequence can then commence at least 1 minute later (but can be longer if desired)

Finishing the Race

- ▶ This is done by shortening the course
- ▶ Hoist the 'S' flag and sound the hooter twice



- ▶ The race can be shortened at any time, it does not matter if some boats are on different laps (the computer will calculate the positions)

- ▶ As boats cross the finish line they should get a hoot and their time recorded on race recording sheet ie 12:45:00
 - ▶ Once all boats have finished enter times into the Sail 100 computer programme
 - ▶ Blue folder has step by step instructions
 - ▶ Print out 2 copies of results
 - Pin one copy on notice board by changing rooms
 - Second copy along with sign in sheets and race recording sheets place in dated plastic pocket in red results folder
- 

Have the Aims Been Met ?

- ▶ To become familiar with LTSC 2018 sailing instructions
 - ▶ To become familiar with the officer of the day duties including setting a course
 - ▶ To become familiar with Sail 100 computer programme to calculate race results
- 