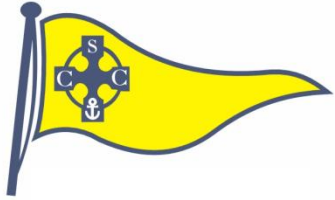


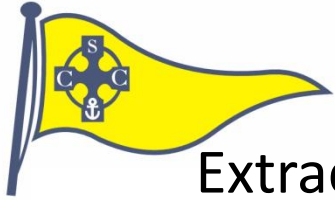
OOD Duties/Responsibilities

- Responsibilities for organizing the race
- Safety Responsibilities
- How to set a course
- Setting the Gybe mark
- Setting the start line
- The start sequence.
- Setting the finish line
- Other race considerations



OOD Duties/Procedures

- Responsibility for organizing the race
 - Start racing on time.
 - Evening racing First Gun (FG) 7.25pm
 - Setting the course
 - Setting a start line
 - Running the start sequence – 5 minutes
 - Taking finish times for each participating boat
 - Returning complete **Legible** time sheets to the Sailing Secretary.



OOD Safety Responsibilities

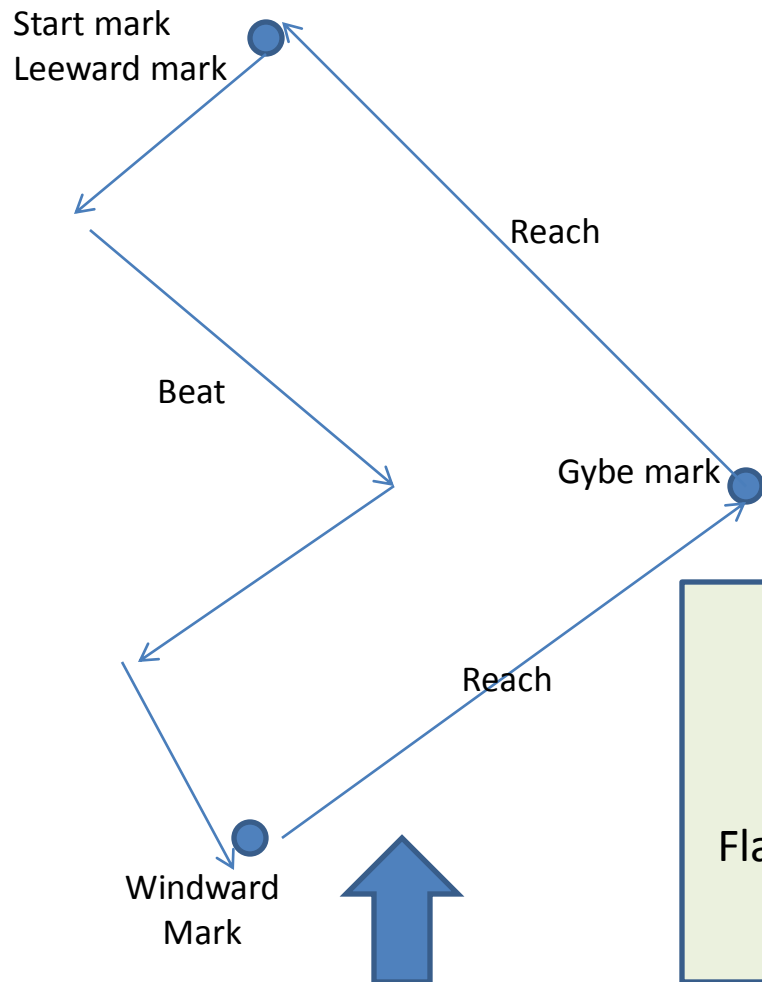
Extract from Club Safety Statement (Rev C 13-July-2011)

- The OOD is responsible for the management of racing activities organised by the club. He/She is the ultimate decision maker on the conduct of racing on the day. The safety duties of the OOD include the following:
- Check the weather forecast;
- When there is a gale warning in the area for the period of racing, racing should be cancelled and rescue boats should not be launched, except in an emergency;
- Have regard to any winds which cause difficult localised conditions around the lake;
- Brief Safety Boat crews as regards duties and what is required;
- Report any deficiencies to the Safety Officer or Club Committee;
- Report and document any safety incidents to the Safety Officer; and
- Ensure there are sufficient safety boats on duty and are adequately manned for the weather conditions and experience of sailors.



How to set a course

- Triangle is the standard course.
 - Equilateral triangle - All angles same - 60°

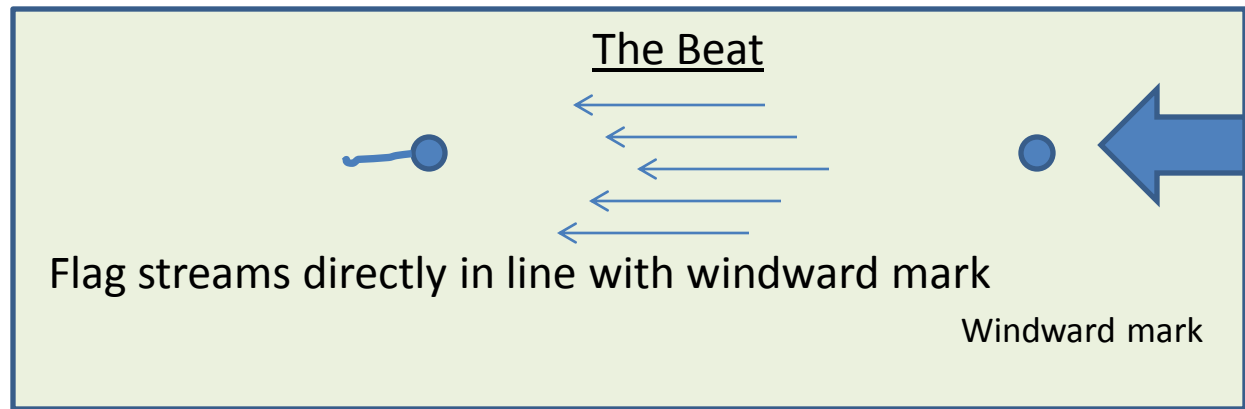


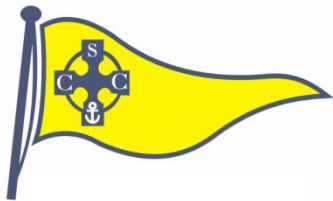
The beat

Should be direct to windward. - sailing towards the wind

1. Set the windward mark
2. Motor to the start mark location – wind direct at your back
3. Set the leeward mark-

The wind should be directly in your face.
Use a flag to check.





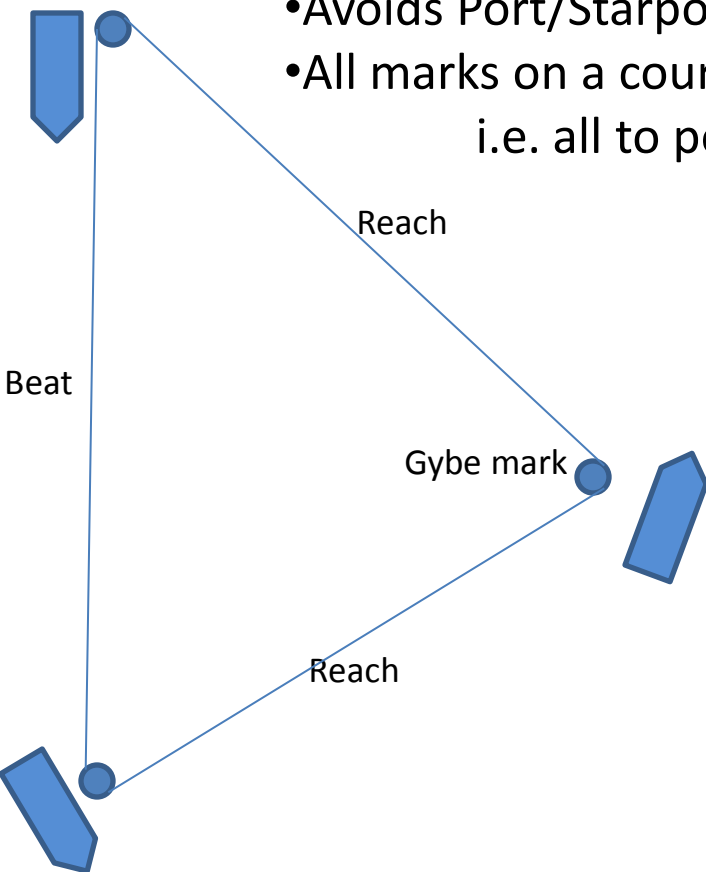
How to set a course

- What direction

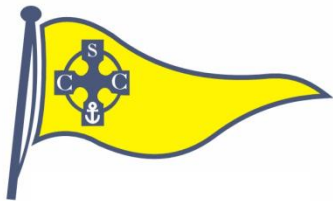
- Recommended - Port course – round marks on port side

- Avoids Port/Starport conflicts at the windward mark
 - All marks on a course must be rounded in the same manner i.e. all to port, or all to starport

Start mark
Leeward mark



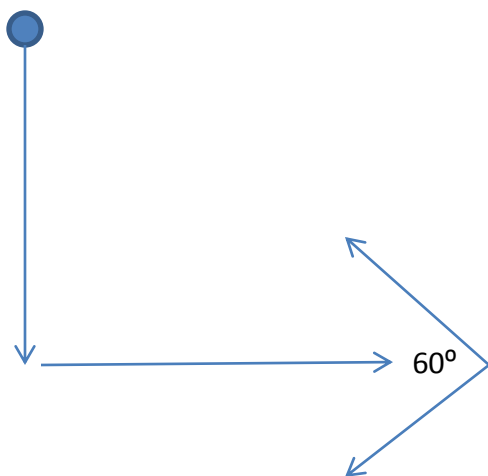
Windward
Mark



Setting the Gybe Mark

- Equilateral triangle - All angles same - 60°

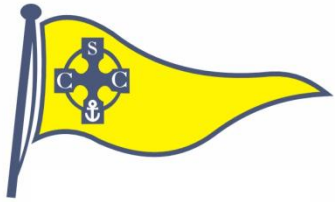
Leeward
mark



- Motor $\frac{1}{2}$ up the beat
- Turn at right angle to the beat
- Motor to estimated position of Gybe mark
- Use OOD box to sight the 60° angle
- Drop the mark.

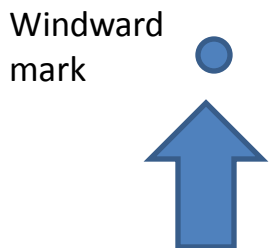
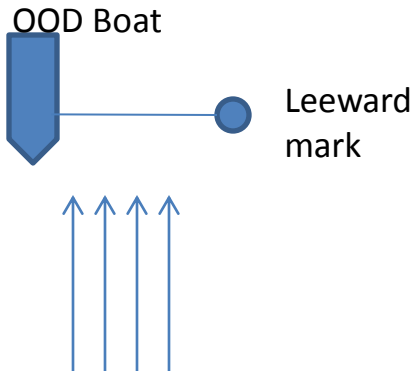
Windward
mark



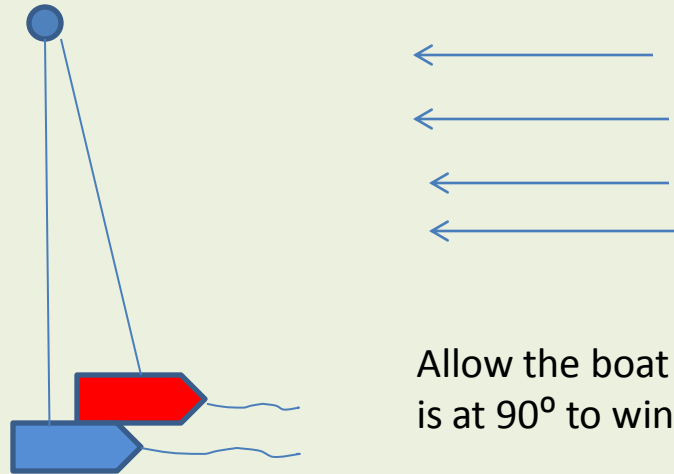


Setting the start line

- The start line should be at 90° to the wind direction

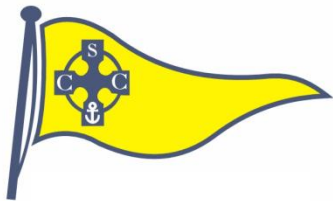


The Start Line



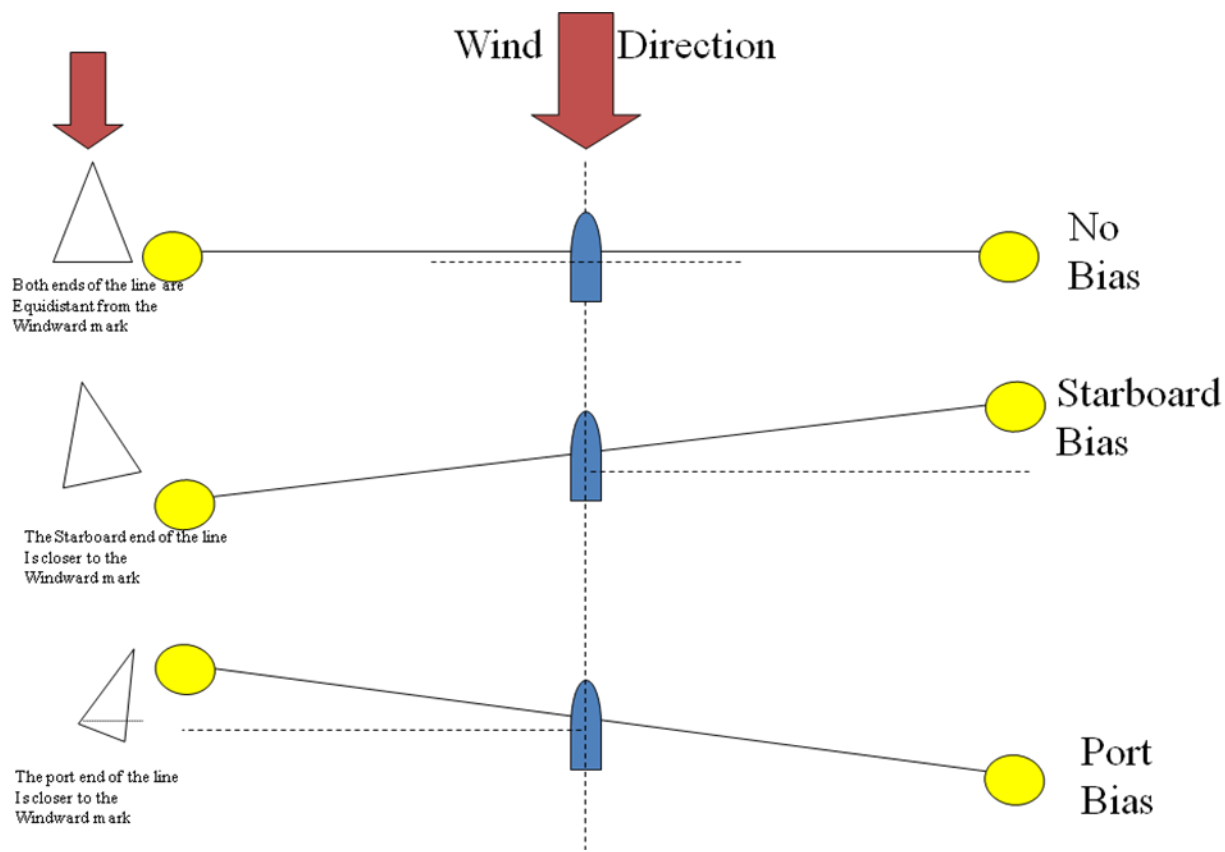
Allow the boat to drift back until the start line is at 90° to wind direction

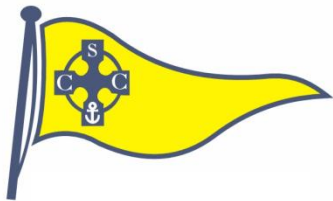
- Drive OOD boat until it is forward of the desired position
- Drop the anchor.
- To move the boat to the desired position - lengthen the anchor line
- Sight the start line using 90 template – e.g. use the OOD sheet box.



Setting the start line









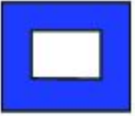



- Start line Bias
 - Will cluster the boats at either end of the line
 - Bias should be 5 -10° maximum

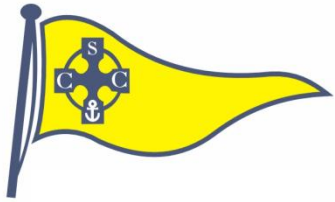




The Start Sequence

- Standardized start sequence specified by the ISAF and used for all boat races
- 5 min, 4 min, 1 min, Go.

Stage	Visual Signal	Time To Start	Signal Sound	
Warning	Class flag; M Flag (mixed fleet) raised	5 Minutes	1x 	  Mike
Preparatory	P Flag raised	4 Minutes	1x 	  Papa
One-minute	Preparatory P flag removed	1 Minutes	1x 	  Papa
Starting	Class flag removed	0 Minutes	1x 	  Mike



The Start Sequence

- Other considerations

- Individual recall – if the OOD can identify offenders



X-ray



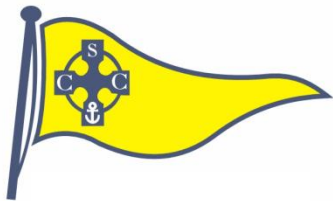
- General Recall – if the OOD cannot identify offenders



1st substitute

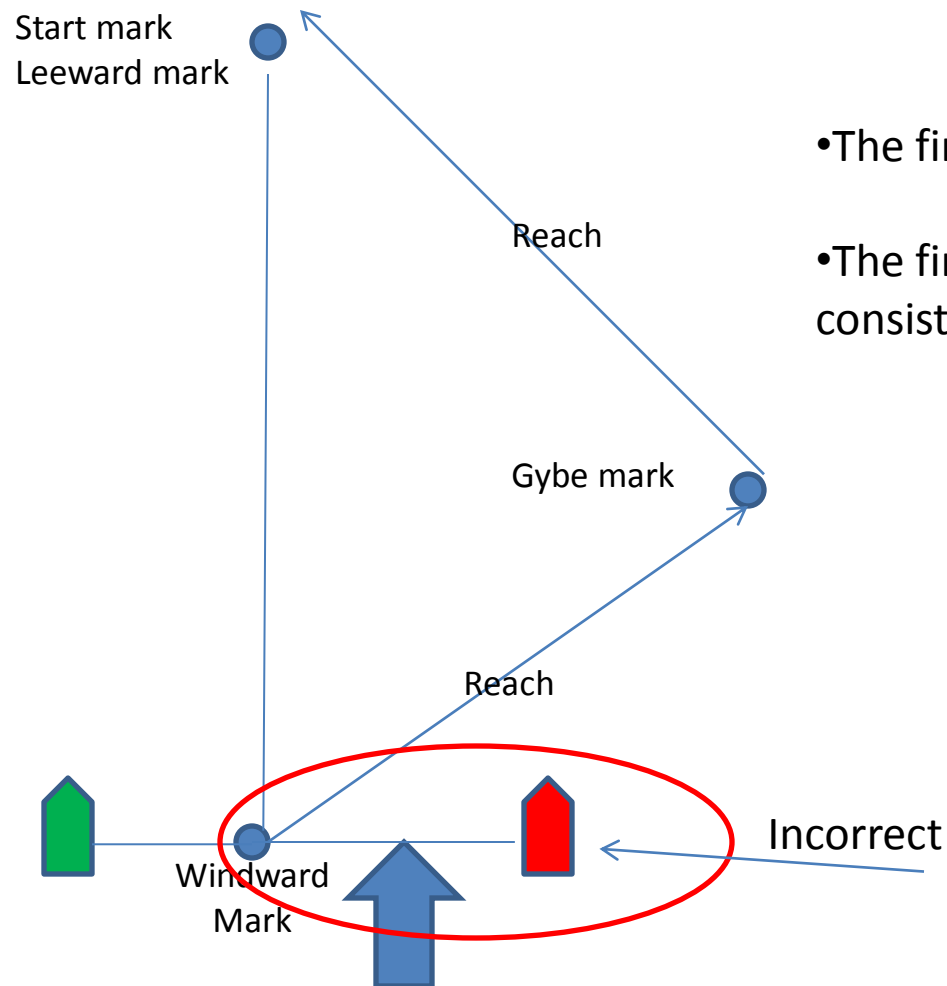


2x

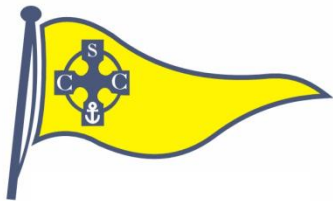


Setting the finish line

- Finish line is usually at the end of the beat
 - But not essential, other marks can be used if there are time restrictions



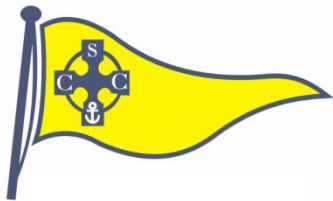
- The finish line should be at 90° to the course leg
- The finish line should always allow mark rounding consistent with the race.



Setting the finish line

- Shorten course - Each race should be 35-40minutes from the start for the first boat to finish.
- Course may be shortened at any mark if race time is excessive





Other Race Considerations

- Race length
 - Allow 1 hour maximum per race
 - 5 min. start sequence , 35-40 minutes race – 10 minutes for last boat
 - 20 minute races are too short.
- Start on time
 - Evening racing - first gun is at 7.25pm
 - Allows sufficient time for 2 races.
- Time sheet
 - Record boat times legibly - minutes and seconds
 - Helm and crew names, boat class, sail number
 - Return time sheet to the sailing secretary.
 - Email : mchught52@gmail.com