



# Queen Mary Sailing Club

## CLUB RACE OFFICER Update

**Andrew Craig, Principal Race Officer**

**March 2019**

# Topics for today



## Sunday Racing

Course geometry  
Race duration  
Start sequence

## Wednesday Racing

Course geometry  
Race duration  
Course rotation  
Summer start time

## All Racing

Start / finish line lengths  
Starting penalty options  
Individual and general recalls  
RO scheduling and OOD points

# Sunday Courses

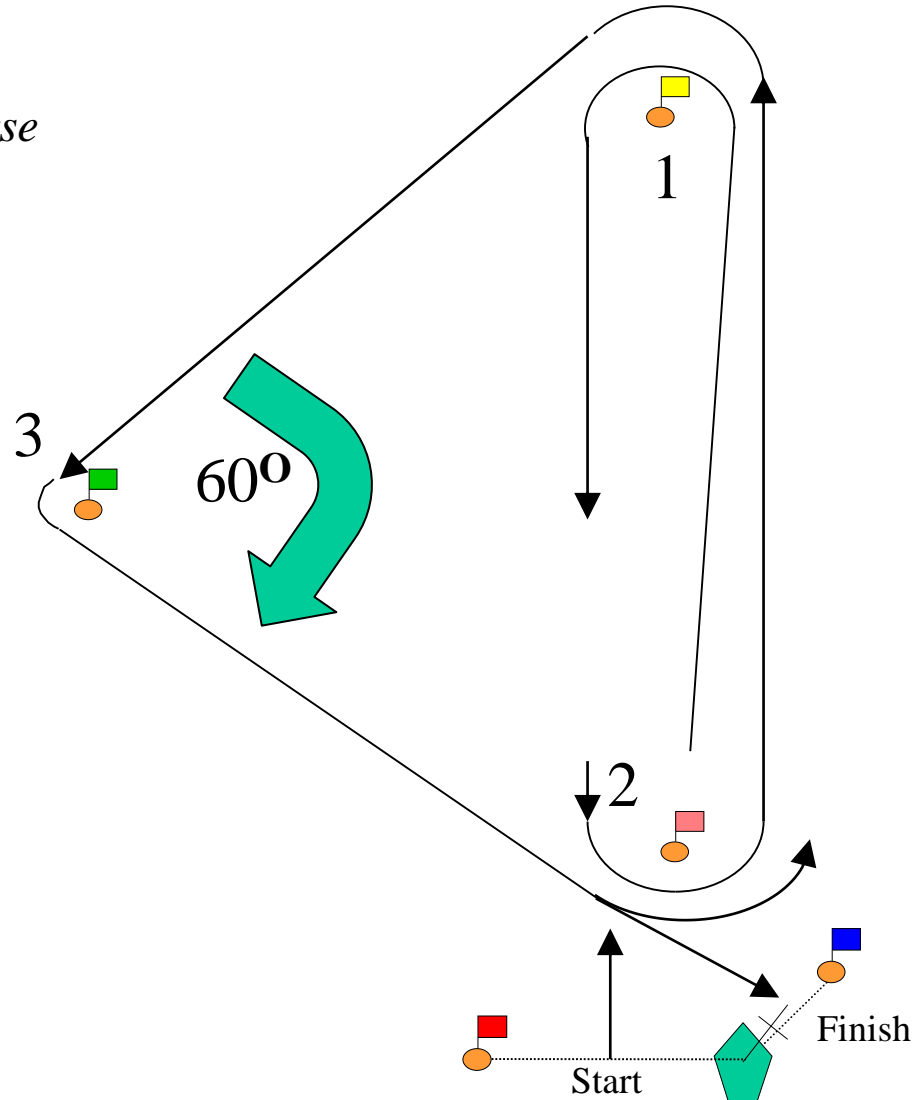
## Course J - Sundays

*Windward – Leeward – Triangle Course*

*1P – 2P is Round 1*

*1P – 3P – 2P is Round 2*

*etc*



## Course L - Sundays

*Windward – Leeward Course*

*1P – 2P is Round 1*

*etc*

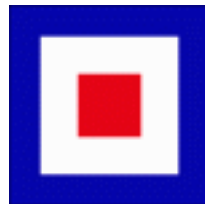
# Race Duration and Limits

## Target race length

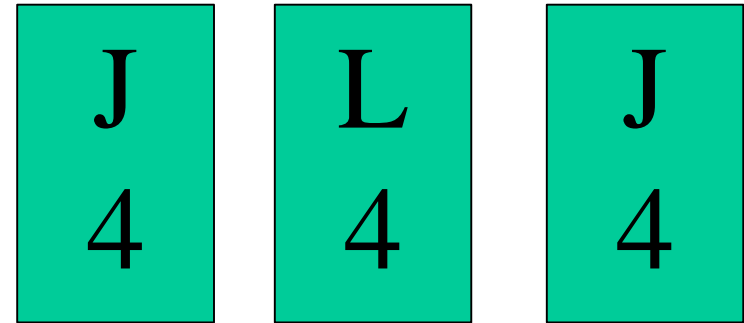
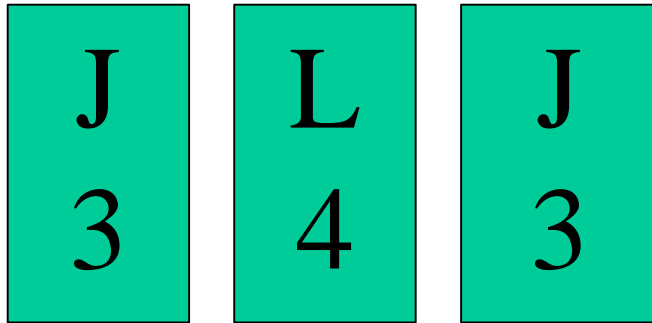
- 45 to 55 minutes for leader

## Time limits

- DNS after 4 mins Sun, 15 mins Weds
- 75 minutes for first finisher
- 15 minutes from first to last
- Introducing Whiskey flag for tail enders



# Sunday Course Options



**Less waiting by  
400s and W/L?  
Staggered finish?**

**More reaches  
Longer racing  
Less waiting by  
Lasers?  
Bunched finish?**

# Starting Systems



	RRS Default	QMSC WINTER
Warning signal	5 mins	3 mins
Preparatory signal	4 mins	2 mins
One minute	1 min	1 min
Start	0	0

# Starting Sequence



Two starts, summer and winter

Start 1: Lasers & Radials

Start 2: All the rest!



RS400  
Fast W/L



Fast Handicap  
Slow Handicap

QMSC Sunday Club Racing - 3 Minute Start Sequence, 2 Starts

Elapsed	Flags	Action	Signal	Sound	Start
	Committee Boat on Station				
-5	Synchronize				
-4	AP Down	↓		+1	
-3	Laser Up	↑		+1	
-2	P Up	↑		+1	
-1	P Down	↓		+1	
0	Laser Down, 2 & 3 Up	↓		+1	Laser
		↑			
1	P Up	↑		+1	
2	P Down	↓		+1	
3	2 & 3 Down	↓		+1	RS400, W/L, Fast / Slow
	"Recall" Up	↑	Class		
4	P / Z / U / Black Up	↑		+1	
5	P / Z / U / Black Down	↓		+1	
6	"Recall" Down	↓	Class	+1	Recalled

## Flag Displayed

Tells what is going to happen

## Flag Removed (Executive Signal)

Order is carried out

## Sound Signal

*Draws attention to visual signal*



**Wednesdays =>  
and Club Champs**

**K**

**L**

**N**

**Sprints =>**

**K**

**L**

# Wednesday Course K



## Triangle Course K

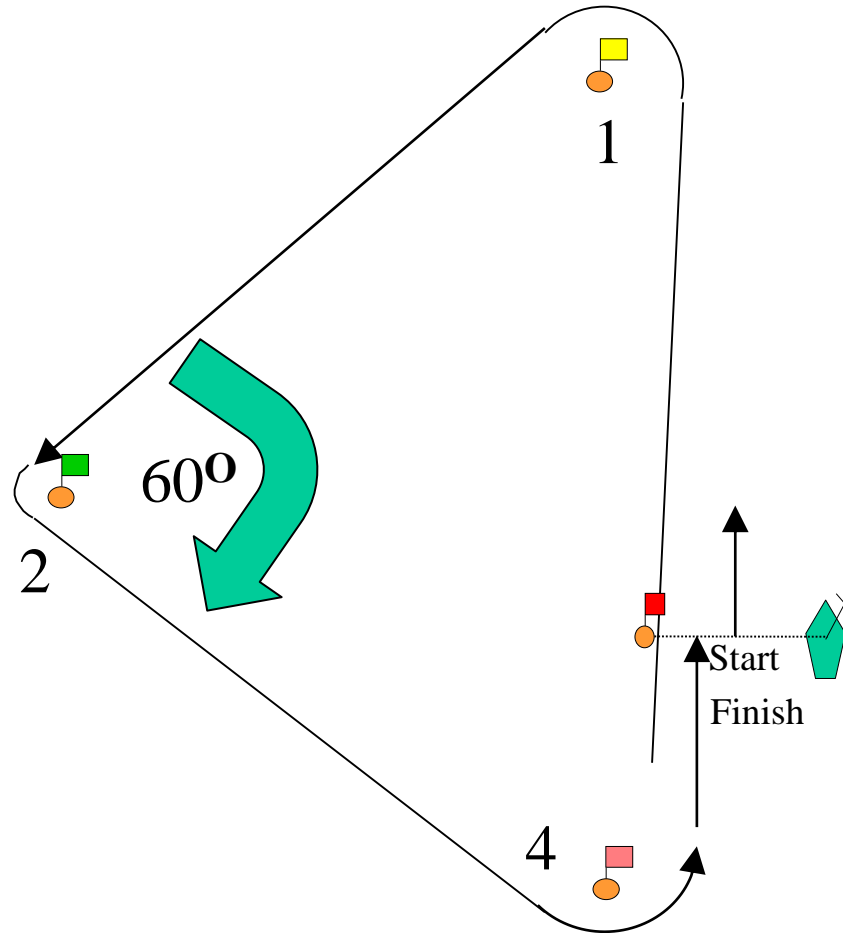
*Timed race duration*

*Start & finish on the beat*

### Course:

*1P – 2P – 4P*

*Repeated until blue flag hoisted*



# Wednesday Course L



## Windward Leeward Course L

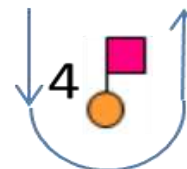
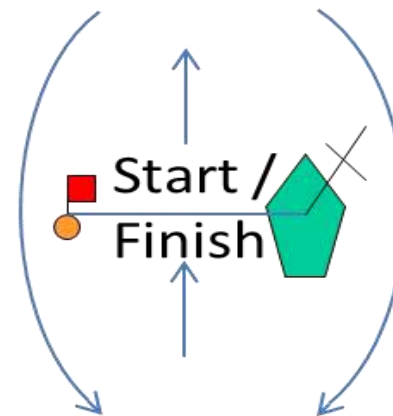
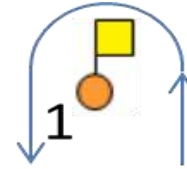
*Timed race duration*

*Start & finish on the beat*

### Course:

*1P – 4P*

*Repeated until blue flag hoisted*



# Wednesday Course N



## Trapezoid Course N

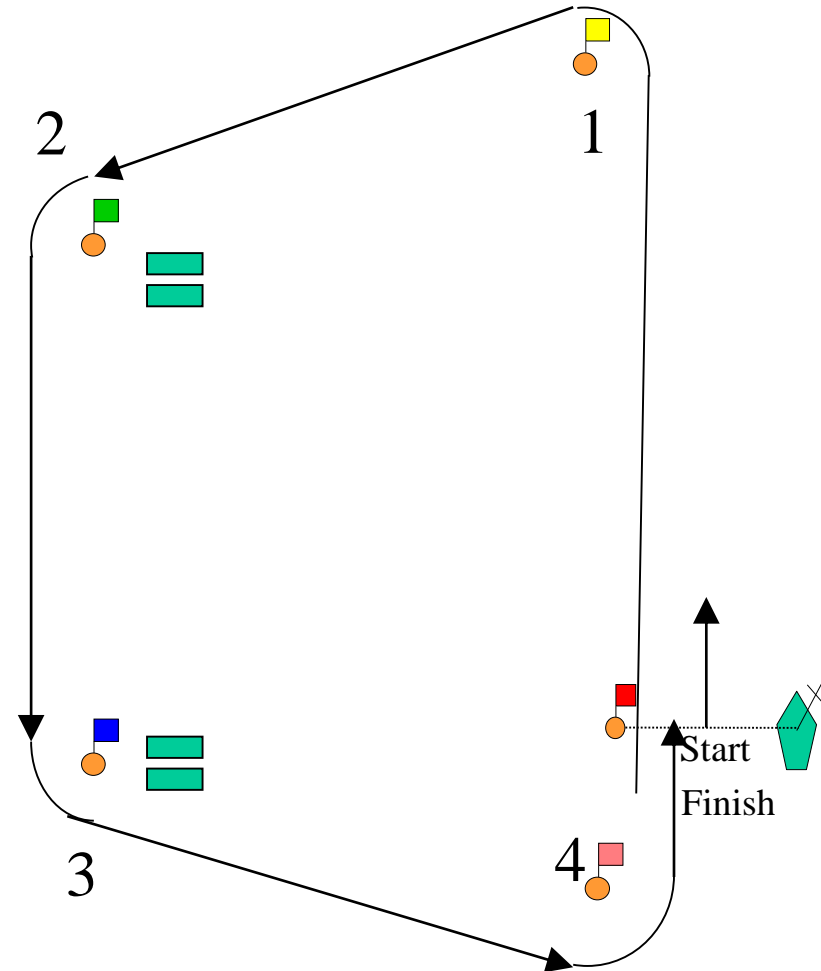
*Timed race duration*

*Start & finish on the beat*

### Course:

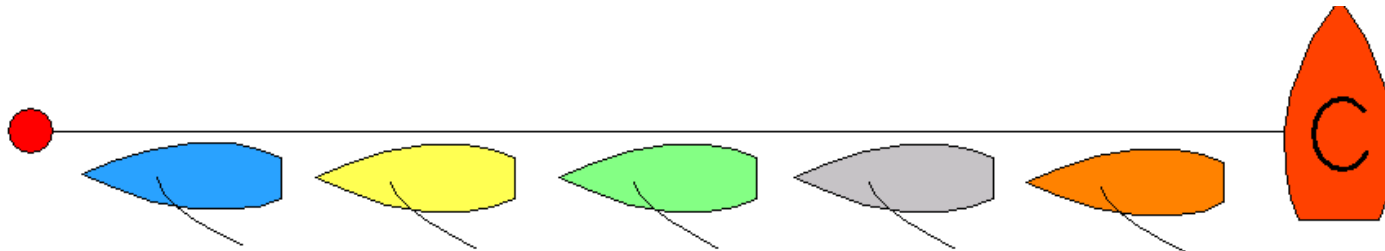
1P – 2P – 3P – 4P

*Repeated until blue flag hoisted*



# Start Line Length

Number of boats x length of the boat plus 10% to 50%



QM recommended multiplying factor 1.25 – 1.50

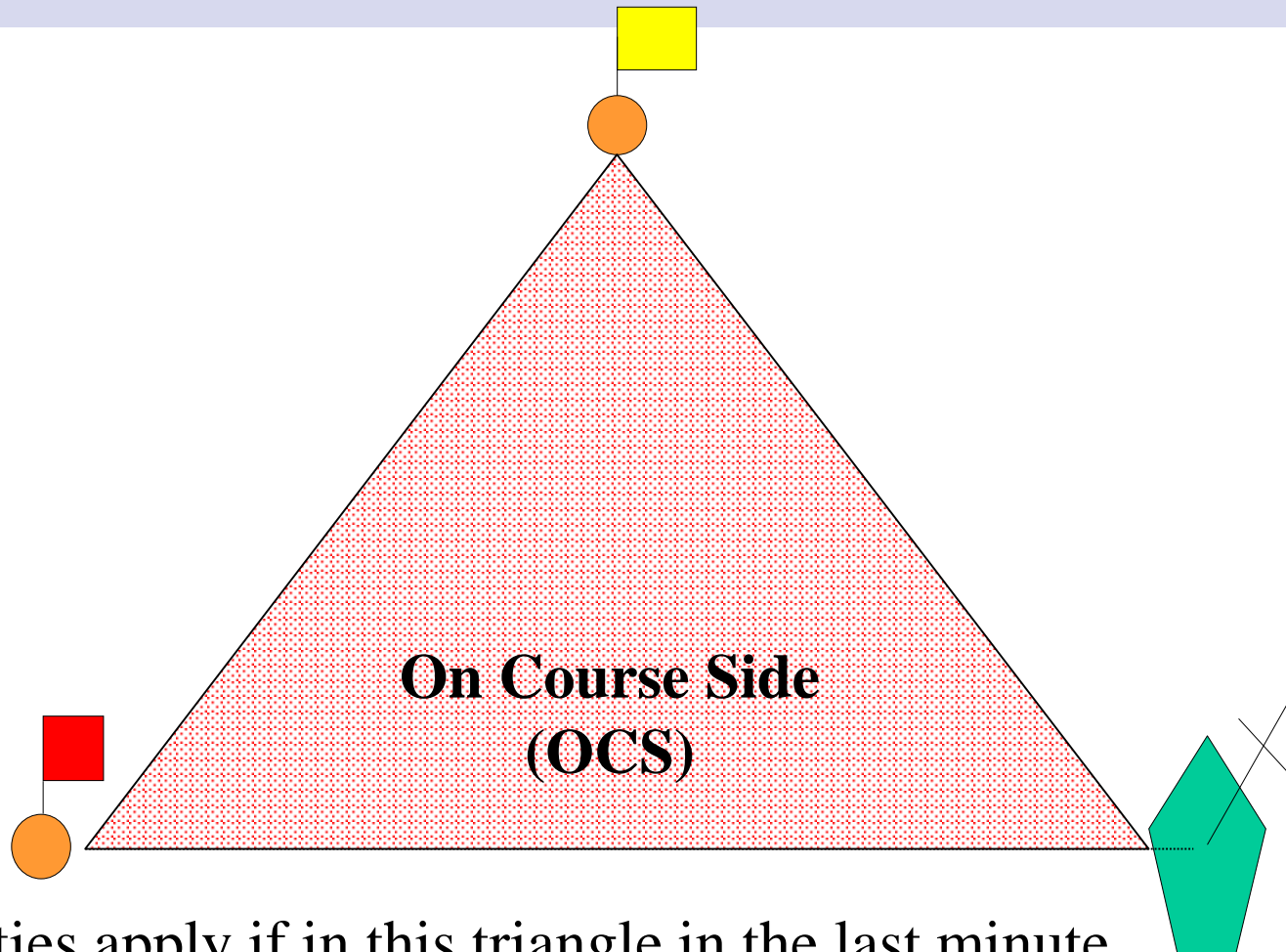
## Sunday

1 Laser = 4.25m  
24 Lasers = 100m  
x 1.25 = 125m  
x 1.50 = 150m

## Wednesday

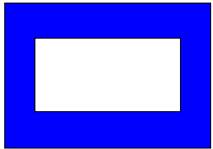
1 average boat = 4.5m  
30 boats = 135m  
x 1.25 = 170m  
x 1.50 = 200m

# Starting Penalty Zone and OCS



Penalties apply if in this triangle in the last minute

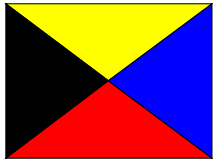
**Note: I Flag - not used at QM**



## **P – default**

no penalties apply

Display X if OCS at start



## **Z – rule 30.2 applies**

20% scoring penalty

Record as ZFP if in triangle in last minute

Display X if OCS at start

## Note: U Flag preferred to Black for Club Racing



### U – rule 30.3 applies

Record as UFD if in triangle in last minute

Don't display X if OCS at start

Boats UFD may start a re-started race



### Black – rule 30.4 applies

Record as BFD if in triangle in last minute

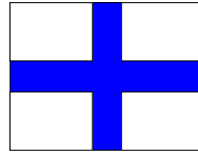
Don't display X if OCS at start

Boats BFD Must **NOT** start a re-started race

Must display BFD boat list from committee boat



Display X



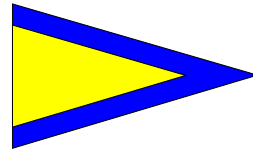
Record each boat OCS

Watch the boat(s), when they return delete OCS from record

If all returned remove X (without a sound signal). If not,

Display for 4 mins (5-4-1-0 start) or 2 mins (3-2-1-0 start)

Display 1<sup>st</sup> Sub



Use when:-

several unidentified boats OCS

or if there is an error in starting procedure

Recalled fleet goes to end of start sequence

Restart only when you are ready

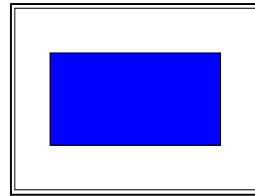
Adjust start line if needed

May change P to Z, U or Black penalty flag

# Sunday Shorten Course



Display S

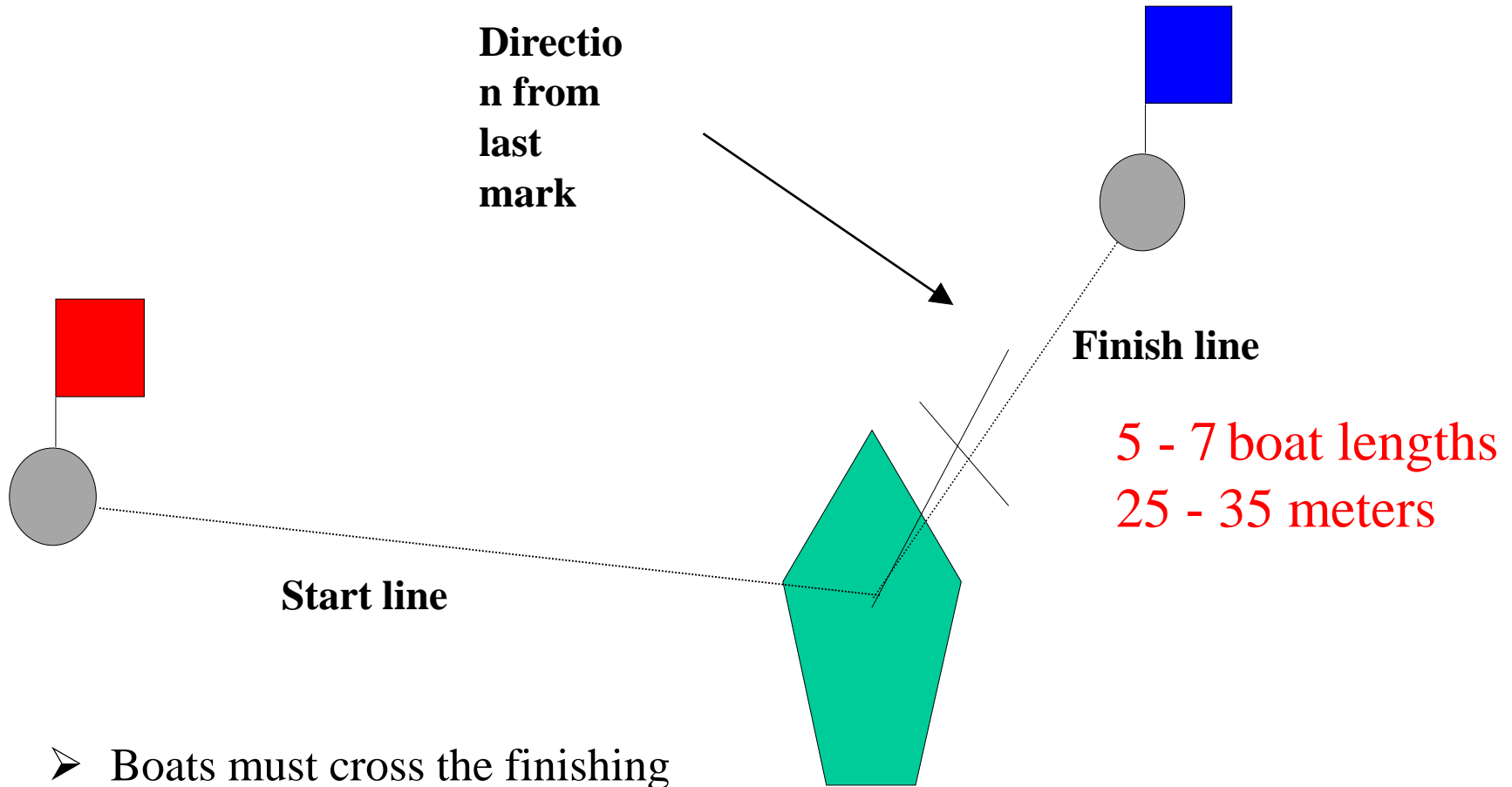


Displayed from committee boat using S flag or S board  
Boats must pass the leeward mark to port and sail to the finish line

Display over class flag(s) if not shortening all classes

Use when wind dies

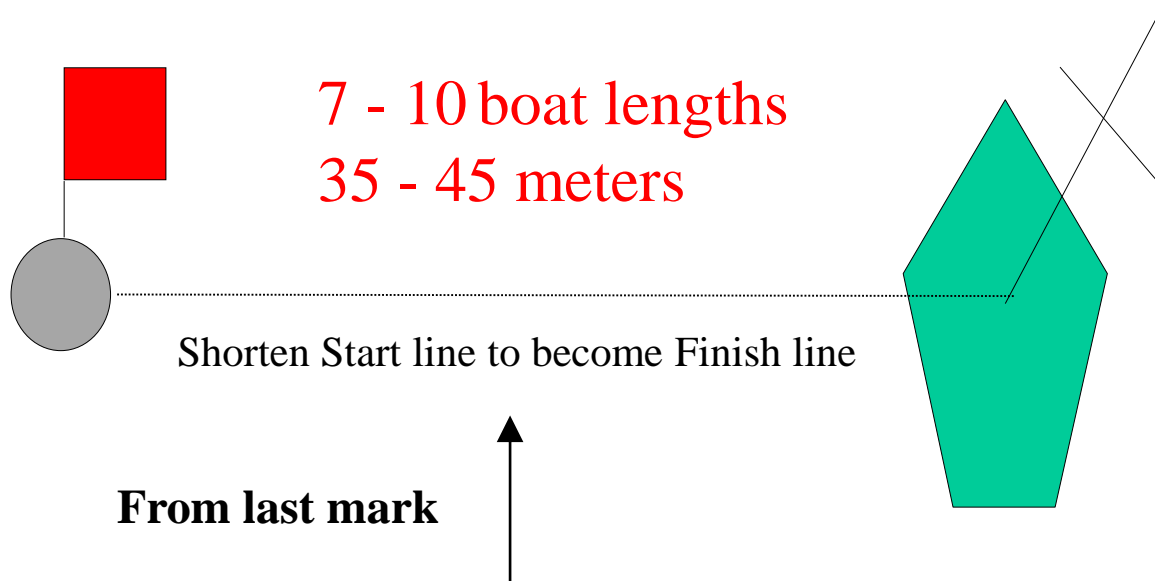
# Sunday Finish Line



- Boats must cross the finishing line in the direction of the course from the last mark

# Wednesday Finish Line

- Aiming for 45 minutes for first finisher
- Plan to start 7:30 June and July: See NOR



Note time basis for results: Actual or Elapsed

Place or Scoring code for all eg OCS, RET

Number of laps sailed identified

Class only on first lap

Promptly to office especially Wednesdays

## Duties

4 per year please, eg  
1 Wednesday, 3 Sundays

Book well in advance  
Swap if needed

## Benefits

£100 off mem for 4 duties  
£25 per additional duty and  
OOD Points

2 Weds (2 races)

2 Sundays (4 races)

## RO Training

RO Course every quarter  
Mentors allocated to new ROs  
Encourage others to enrol

It should be fun for you as well as sailors

Keep it fair – postpone / abandon if needed

Prioritise quick turn around above perfection  
- particularly in winter

Learn from mistakes

And Thank You for your support!