

Starcross Yacht Club



Course Handbook

RACE BOX COPY

Starcross Yacht Club



Course Handbook

BOATHOUSE COPY

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Wind Direction – WEST

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Notes for OODS

This handbook provides suggested courses for racing at SYC – covering different wind directions and full/low tide conditions. It is **NOT intended to prescribe the course** that you set, only provide suggestions that you might find useful.

The courses were developed by the Sailing Committee (including representatives from each fleet) and are reviewed annually. They attempt to provide windward/leeward racing for the asymmetric and multihull fleets, and a variety of windward/reaching/running legs for the handicap fleets.

The courses are provided as representations of the SYC course board so that you can easily transfer the chosen course onto the course board.

Copies of the course handbook are available in the boathouse for use by the safety boat teams. As OOD you can select the course you want and the handbook will tell them what inflatable buoys they need to prepare an roughly where they need to be located.

CAVEATS:

- The courses presented here are mostly not designed for winds less than 5 knots / strong tide conditions. Under these conditions the courses will be too big – look to adapt them by significantly reducing the lengths of each leg.
- Under conditions where a light northerly is likely to be replaced by a southerly sea-breeze during the race then choosing a course is difficult(!). If you can't postpone until the sea-breeze is established – try to set a course where you will still have a decent windward leg when the wind changes

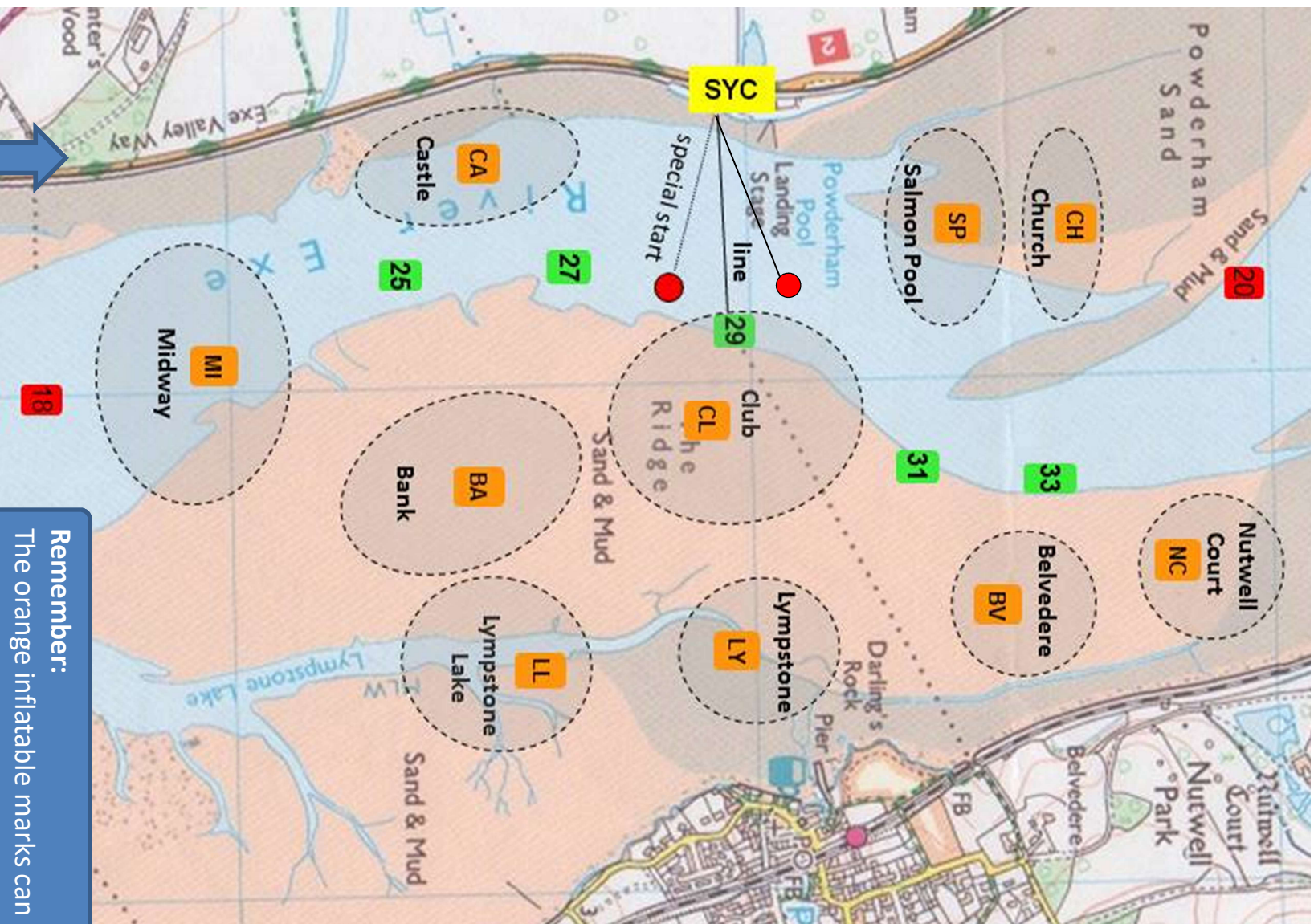
Please use your own judgement to modify or replace the courses presented here to reflect the conditions on the day.

If you have any suggestions for improving the courses presented here, OR suggestions for additional courses – please send them to the sailing secretary [Mark Elkington] using the Officer contact form on the club website or get the information to any member of the Sailing Committee

How to use the Course Information

1. Check the forecast and decide what the likely wind direction(s) are likely to be during racing
2. Find the course sheet for the wind direction you have and pick the most appropriate course for the tide conditions you have. [*Each direction has at least two courses defined – one for full tide and one mid-tide conditions (i.e. low tide for racing). Some wind directions may have additional course options provided.*]
 - The courses are representations of what you need to put on the SYC course board
 - The top line represents the course for the asymmetric fleet, the middle line for the fast/slow handicap, and the bottom line for the multihull. If you are running a trophy race use the middle line for the monohull fleet and the bottom line for the multihull fleet.
3. Tell the safety boat team what course you intend to use – no need to provide drawings or detailed descriptions – there are copies of this handbook in the boat house. Just tell them the course number (e.g. “2a”). Each course details how many inflatable buoys of each type are required.
4. Pick the course marker boards as shown on the courses and put them on the course board outside the race box exactly as shown on the course diagrams.
5. Review the notes provided for each course. Use the radio to liaise with the safety boat to position the inflatable buoys:
 - The safety boat teams are often in a better position to accurately position the inflatable marks to get an accurate beat or run – give them the responsibility unless you have a need for specific positioning (e.g a strong tide needs a buoy to be offset to provide a non-biased beat).
 - Use the notional regions for the inflatable buoys as shown on the buoy chart to the maximum extent to get effective beats and runs.
 - When positioning buoys out of the main channel make sure that there will be a MINIMUM depth of 1m at the buoy and its surrounding for the entire race.
 - Remember to set up the transit pole – especially when using a special start.

SYC Buoy Chart



North



Remember:
The orange inflatable marks can be positioned anywhere in their shaded regions. Use this to the fullest extent to get accurate beats and runs.

1a

Wind: N [full tide course]

L		CH	25	29					5
L	L	CH	31	BA	25	29		4	3
L		CH	MI	29					5

Marks: 3 orange; 1 orange/black

- Set separate (orange/black) multihull mark for **CH**
- set **BA** to 25 to bearing SW - WSW
- make sure **31** to **BA** is a run
- if light wind change MI to 25 for multihulls

1b

Wind: N [low tide course]

L		SP	25	29					5
L	L	SP	31	27	25	29		4	3
L		SP	MI	29					5

Marks: 2 orange; 1 orange/black

- Set separate (orange/black) multihull mark for **SP**
- set **SP** so it will have enough depth for entire race

Wind: N [light wind course]

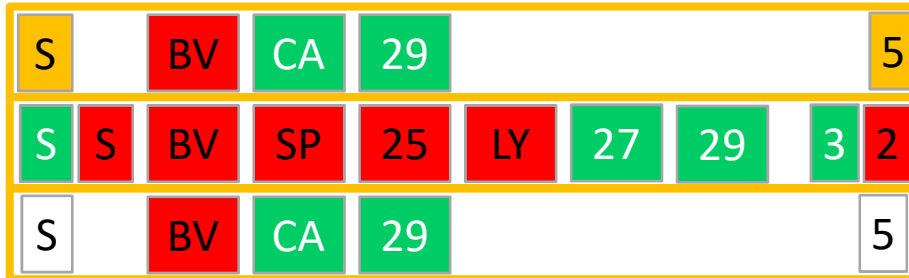
L		SP	BA	29				4
L	L	SP	31	BA	29			3 2
L		SP	BA	29				4

Marks: 2 orange; 2 orange/black

- Set separate (orange/black) multihull mark for **SP** and **BA**
- set **SP** and **BA** to keep the course short
- make sure **31** to **BA** is a run
- if light wind change MI to 25 for multihulls

2a

Wind: NE [full tide course]

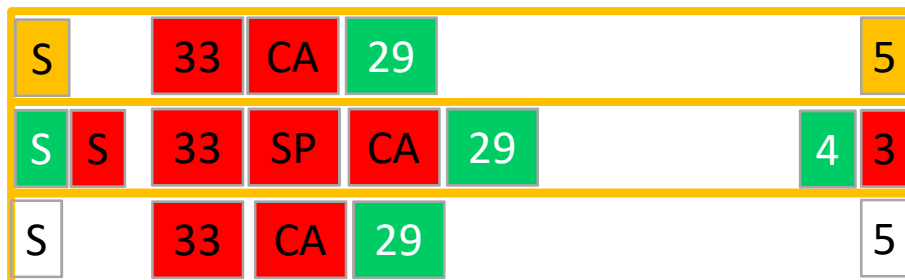


Marks: 4 orange; 1 orange/black; J buoy

- set **J** buoy for special start as far south-west as feasible from **29**
- set **BV** to be a true beat from **29**
- set **LY** to be a true beat from **27**
- set separate (orange/black) multihull mark for **BV**

2b

Wind: NE [low tide course]



Marks: 2 orange; J buoy

- set **J** buoy for special start as far south-west as feasible from **29**.
- set **SP** in deeper water at end of moorings – as close to a run as possible from **33**
- set **CA** in deep water between **27** and **25**

Wind: NE [light wind course]

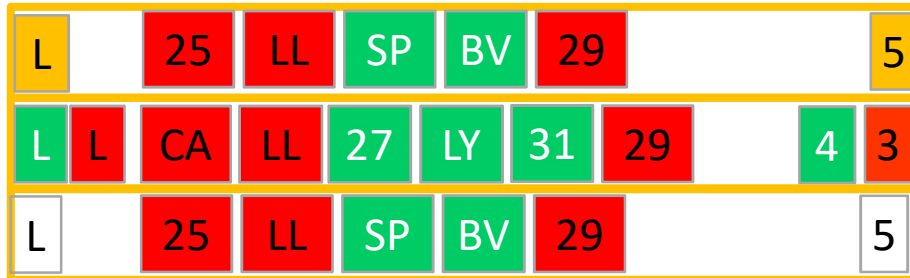
S	BV	27	29				4	
S	S	BV	BA	27	29		3	2
S	BV	27	29				4	

Marks: 2 orange; 1 orange/black; J buoy

- set **J** buoy for special start as far south-west as feasible from **29**
- set **BV** to be a true beat from **29** but move it to the west of its normal position for a short beat
- set separate (orange/black) multihull mark for **BV**

3a

Wind: E [full tide course]

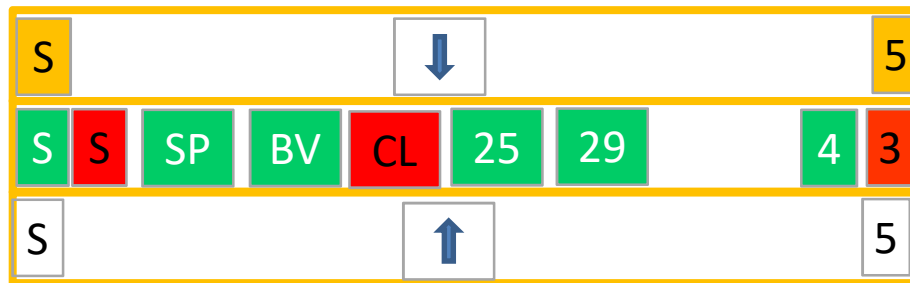


Marks: 5 orange

- Set CA west of and midway between 25 and 27
- set LL as a true beat for a point midway between CA and 27
- set LY as a true beat from 27

3b

Wind: E [low tide course]



Marks: 3 orange; j buoy

- set J buoy for special start north-west of 29
- set SP in deeper water at end of moorings
- set BV as a beat from SP (east of 31, just in channel)
- set CL 100m south of 29

Wind: E [light wind course]

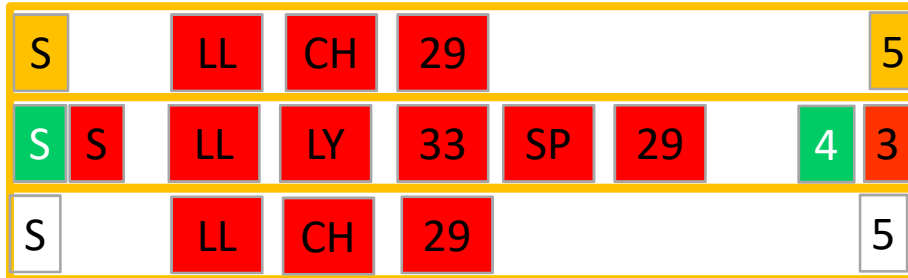
L		27	LL	CL	SP	29			4
L	L	27	LL	31	SP	29		3	2
L		27	LL	CL	SP	29			4

Marks: 1 orange

- set **LL** to the north west of its normal position – for a short beat and a 90-110° reach to 31
- set **SP** to the south of its normal position for a run from **31**
- set **CL** 100m to south east of **29**

4a

Wind: SE [full tide course]

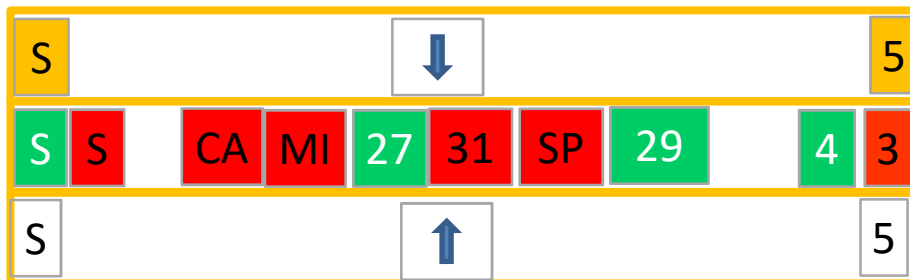


Marks: 4 orange; 1 orange/black; J buoy

- set **J** buoy for special start north-west of **29**
- set **LL** as a true beat from **29**
- set separate multihull mark for **LL**
- set **SP** to allow beam reach from **33**
- set **LY** to give run to **33**

4b

Wind: SE [low tide course]



Marks: 3 orange; J buoy

- Set **J** buoy to SW of **29**
- set **CA** south west of **27** as close to west shore as tide allows
- set **MI** as close to true beat from **CA** as possible
- set **SP** in deeper water at end of moorings

Wind: SE [light wind course]

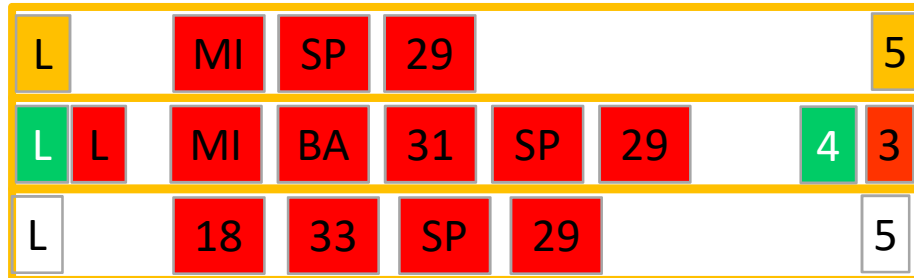


Marks: 2 orange; 1 orange/black; J buoy

- set **J** buoy for special start north-west of **29**
- set **LL** as a true beat from **29** – but bring it to south west of its normal position to give a short beat
- set separate multihull mark for **LL**
- set SP to give run from **31**

5a

Wind: S [full tide course]

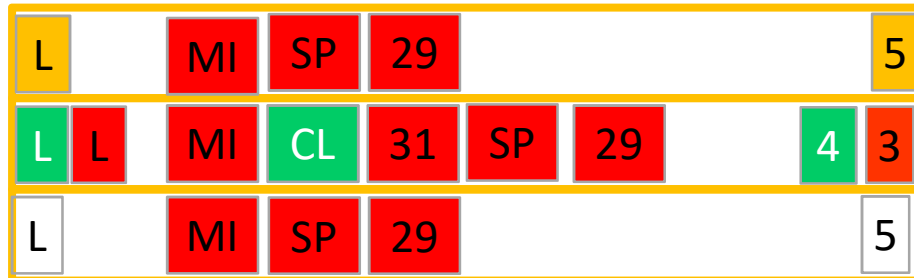


- set MI as true beat from 29
- set BA to give run to 31
- Set SP ~100m north of moorings

Marks: 3 orange

5b

Wind: S [low tide course]



- set MI as true beat from 29
- set separate (orange/black) multihull mark for MI
- set CL 200m south-east of 29
- set SP in sufficient depth for full race (possibly in moorings)

Marks: 3 orange; 1 orange/black

Wind: S [light wind course]

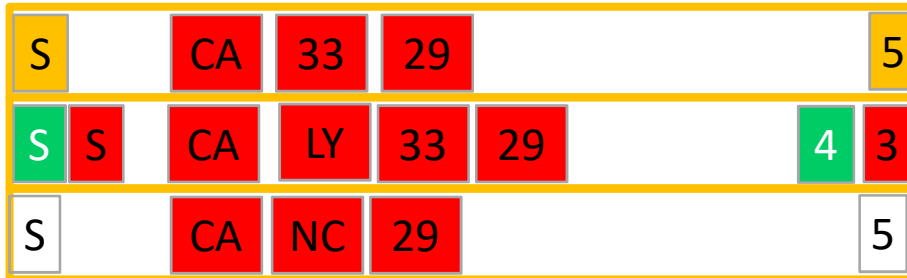
L		CA	SP	29				4	
L	L	CA	BA	CL	SP	29		3	2
L		CA	SP	29				4	

Marks: 4 orange

- set **CA** as true beat from **29**
- set **BA** to north of its normal location
- Set **CL** ~300m east of **29** (BA to CL should be a run)
- Set **SP** directly north of **29** - level with end of moorings

6a

Wind: SW [full tide course]

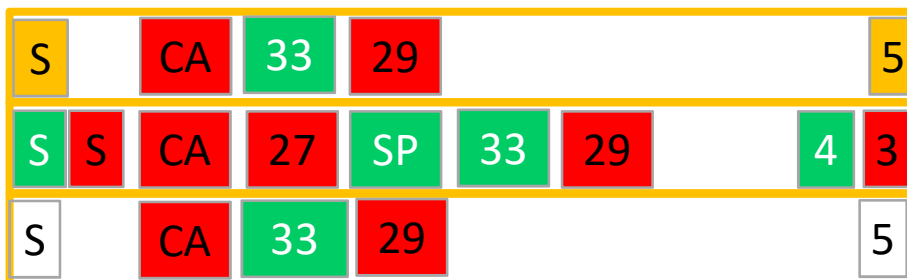


Marks: 3 orange; 1 orange/black; J buoy

- set **J** buoy for special start south-west of **29** to give fair beat to **CA**
- set **CA** as close to western shore as tide will allow and opposite **25**
- Set separate (orange/black) multihull mark 50m to south of **CA**
- **CA** to **LY** should be run
- **LY** to **33** should be a reach
- Set **NC** to north of **33** to give longer run/beat for multihulls

6b

Wind: SW [low tide course]



Marks: 2 orange; J buoy

- set **J** buoy for special start south of **29** to give fair beat to **CA**
- set **CA** as close to western shore as tide will allow and opposite **25**
- set **SP** in deep water at end of moorings

Wind: SW [light wind course]

S		CA	31	29				4
S	S	CA	BA	31	29			3 2
S		CA	31	29				4

- set **J** buoy for special start south-west of **29** to give beat to **CA**
- set **CA** as close to western shore as tide will allow and opposite **25**
- set **BA** to north west of its normal location
- set **SP** directly north-east of **29** - level with end of moorings

Marks: 3 orange; J buoy

7a

Wind: W [full tide course]

L		27	LL	25	33	SP	29		5
L	L	27	LL	CA	31	SP	29	4	3
L		27	LL	25	33	SP	29		5

- set **LL** to be a run from 27 – and to the east of its range if tide allows
- set **CA** on western edge of channel mid-way between 25 and 27
- set **SP** to get a beat from 31

Marks: 3 orange

7b

Wind: W [low tide course]

S		31	SP	BA	CA	29			5
S	S	31	SP	CL	BA	CA	29	4	3
S		31	SP	BA	CA	29			5

- Set J buoy to south-west of 29
- set **SP** to be a beat from 31
- set **CL** 100m north-east of 29
- set **BA** to west of its range in sufficient depth
- set **CA** to west of its range in sufficient depth and to be a beat from **BA**

Marks: 4 orange; J buoy

Wind: W [light wind course]

L		SP	31	BA	27	29			4
L	L	SP	CL	BA	27	29		3	2
L		SP	31	BA	27	29			4

- set **SP** directly north-east of **29** - level with end of moorings
- set **CL** ~300m to east of **29**
- set **BA** to north east of its normal location to give a beat to **27**

Marks: 3 orange

8a

Wind: NW [full tide course]

S		LL	CH	29				5	
S	S	LL	CL	31	CH	29		4	3
S		LL	CH	29				5	

Marks: 3 orange; J buoy

- Set J buoy to north west of 29
- set LL to south-east of its range – and roughly a run from 29
- set CL north-east of 29 - a beat from LL
- set CH at least 200m north of SP

8b

Wind: NW [low tide course]

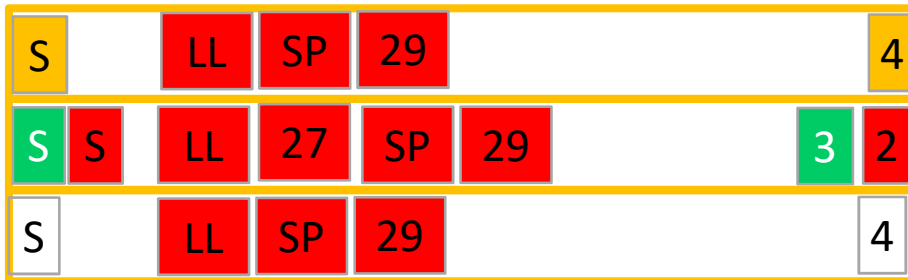
S		31	SP	25	29			5	
S	S	31	SP	CL	25	29		4	3
S		31	SP	25	29			5	

Marks: 2 orange; J buoy

- set J buoy for special start as far south-west as feasible from 29
- set SP in deeper water at end of moorings – beat from 31
- set CL 100m east of 29

Wind: NW [light wind course]

8c



- Set J buoy to north west of 29
- set LL to be shortish run from 29 – giving beat to SP
- set SP directly north-east of 29 - level with end of moorings

Marks: 2 orange; J buoy