CCRC Race Management





Chris Powell Hon Treasurer

CCRC Race Management

- Running a CCRC race
- Course setting



Running a CCRC race

- Notice of Race, Sailing Instructions (SIs), Race Instructions (RIs)
- Roles of the Principal Race Officer (PRO) and Race Officer (RO)
- RO/PRO timetable
- CCRC Marks list
- How does the CCRC Rolling Start work?
- When should the RO shorten the course?

Running a CCRC race – Notice of Race



CHICHESTER CRUISER RACING CLUB - NOTICE of RACE 2024

rev a 19/04/2023 para 9 amended

The organising authority is Chichester Cruiser Racing Club. www.ccrc.co.uk
The CCRC Race Committee shall comprise the Sailing Secretary, Handicapping/Results Officer, the relevant Principal Race Officer and the relevant Race Officer.

Standing notice of:

- Safety regulations
- Conditions of entry
- Fleets
- Handicaps
- Scoring
- Communications
- Prizes
- Risk statement

1. RULES

All racing will be governed by the rules as defined in The Racing Rules of Sailing (RRS), the prescriptions of the RYA and the Rules of CCRC

2. SAFETY REGULATIONS

- 2.1 All boats are recommended to adhere to the Offshore Racing Council Category 4, unless specific requirements are given in a race instruction.
- 2.2 All boats must carry a VHF radio with channels 16, M1(37), 67 & 72
- 2.3 SAFETY AT THE START The Race Committee is concerned about anchors on bows. Owners of these yachts are asked to be aware of the dangers involved when manoeuvring at close quarters.

3. CONDITIONS of ENTRY, FLEETS and HANDICAPS

- Conditions of Entry Entry is open to monohull yachts between 6.0 and 15.0 metres LOA.
- 3.1.1 Yachts belonging to CCRC members must be registered using the Boat Details section of the

CCRC Yacht Registration Form 3.1.2 Yachts belonging to non-CCRC members who wish to compete as guests must enter using the

CCRC Guest Entry Form.

3.2 Fleets

3.2.1 ALPHA: fleet flag numeral 3 } all yachts are

3.2.2 BETA: fleet flag numeral 4 } assigned to both fleets

7. SCORING

 7.1 For all Series the Low Point scoring system RRS Appendix A will apply.

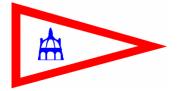
A boat violating RRS Fundamental Rule 2 (fair sailing) or RRS 42 (propulsion) will be disqualified from that race. Should the Race Committee decide that a boat is entitled to the relief granted by RRS 62 and 64.3, (redress), an equitable arrangement may be deemed to be awarded to the boat whose finishing position has been materially prejudiced for that race; i.e. points equal to the average points, to the nearest tenth of a point, of the best 5 of her previous 6 races or in the event of this rule applying in one of her first 7 races, of her best 5 races of the 7.

- 7.2 Discards for all Series are calculated as number of races sailed divided by 2, rounded up and minus 1.
 - eg 2 races sailed 0 discards, 3 or 4 sailed 1 discard, 5 or 6 sailed 2 discards, 7 or 8 sailed 3 discards, 9 or 10 sailed 4 discards, 11 or 12 sailed 5 discards, 13 or 14 sailed 6 discards, 15 or 16 sailed 7 discards
- 7.3 All race and series ties will be resolved in accordance with RRS A7/A8.

8. RADIO COMMUNICATION

Except in an emergency a boat shall neither make radio transmissions while racing nor receive any radio communications not available to all boats. This restriction also applies to mobile phones.

PRIZES / TROPHIES



Running a CCRC race – Sailing Instructions (SIs)

Standing notice about:

- Communications
- Race schedule
- Courses
- Marks
- Prohibited areas
- Pollution regulations
- Starts
- Finishing
- Penalties
- Time limits
- Safety, equipment
- Engines, autopilots



CHICHESTER CRUISER RACING CLUB

SAILING INSTRUCTIONS 2024

1. RULES

All racing will be governed by the rules as defined in The Racing Rules of Sailing (RRS), the prescriptions of the RYA and the Rules of CCRC

2. NOTICES TO COMPETITORS

- 2.1 Race Instructions, which form part of the sailing instructions, for each race will be distributed by email and placed on the web site.
 - Information in the Race Instructions may include: name or yacht name of the Principal Race Officer (PRO), name or yacht name of the Race Officer (RO),
 - the identification of any Committee Boat, contact details of the Results Officer, names of one or more possible starting marks, scheduled time of the first start.
- Subsequent notices to competitors will be announced by VHF Ch M1(37)

3. CHANGE'S TO SAILING INSTRUCTIONS OR RACE INSTRUCTIONS

Any change to the Sailing Instructions (SIs) or Race Instructions (RIs) will be emailed to members at least 24hrs before the day it will take effect, except that any change to the schedule of races may be emailed by 2000hrs on the day before it will take effect

7. THE COURSES

- 7.1 Not earlier than 60 minutes before the scheduled first start the PRO may announce the name of the starting mark and other relevant information.
- 7.2 The course to be sailed will be announced by the PRO on VHF Ch M1(37) with a starting mark, a list of course marks and a finishing mark. The course will normally be read at 20 minutes before the warning signal and repeated at 10 minutes before the warning signal.
- 7.3 After a postponement the PRO may use an abbreviated announcement sequence. The time of the rescheduled start will be announced on VHF Ch M1(37) a minimum of 15 minutes before it is to occur. The course will be read a minimum of 5 minutes before the warning signal.
- 7.4 There will be no visual course signals

8. MARKS

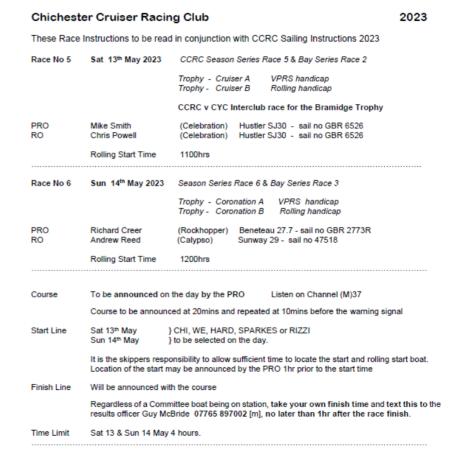
- 8.1 Marks will be standard navigation marks or marks specifically designated as racing marks. A 2024 list of these marks form part of these SIs and are published on the CCRC website. Errors or omissions in the list of marks are not grounds for redress.
- 8.2 Marks will be identified by name.
- 8.3 All marks are rounding marks unless individually stated to be passed instead.



Running a CCRC race – Race Instructions (RIs)

Specific RIs are issued by email for each weekend. Details of:

- PRO and RO for each race
- Number of races, trophies
- Racing area / passage destination
- Scheduled start times
- Time limits, finish times
- Communications
- Tide times
- Berthing
- Social





Running a CCRC race – Roles

- Principal Race Officer (PRO)
 - A CCRC member usually on a participating boat
 - Supports the Race Officer
 - Makes key pre-race decisions e.g start location, postponement...
 - Sets the course
- Race Officer (RO)
 - A CCRC member on a participating boat (CCRC Rolling Start)
 - Manages the start
 - Manages the shortening of the course

Running a CCRC race - Timetable

Suggested Rolling Start Timetable: 2024 Issue 1

From Race Instructions:	Hour	Min	Source*
Time of START	11	00	RI
Time LIMIT	4	00	RI
	Time, assuming	Countdown	
This time to be in few a Relline Charles in the II singular in the	no postponement	to start	
This timetable is for a Rolling Start, with all signals given by VHF. The only flag necessary is for the RO to fly a			
CCRC burgee from the backstay (in addition to their own			
class flag).			SI 11.2.1
Earliest time for starting mark to be announced by PRO. For Bay races, this is chosen from Chi. Hard. Rizzi.			
Sparkes and WE.	10:00	-60	SI 7.1
The RO and PRO should aim to arrive in the start area at	10.00	-00	317.1
least 45 minutes before the start, in order to check the			
sailing conditions and finalise the course. If one of them			
does not make it, the other will need to assume both			
duties.	10:15	-45	GNRO p2
	10.15	-40	GINRO p2
PRO and RO to make a list of the yachts competing and			
their dass flag.	10:15	-45	GNRO p3
Course announced by PRO (20 mins before warning). The PRO should include the approx. bearing of the start line from the start mark, i.e. the course to the first mark minus 90 degrees. He must also announce that the RO will be making all the starting signals by VHF only (although a accompanying sound signal is helpful).			SI 7.2, SI 11.2.3, VHF only
If insufficient wind to set course, PRO will advise waiting			by PRO
for wind.	10:35	-25	convention
	40.05		ON 100 - 4
Course repeated by RO (20 mins before warning)	10:35	-25	GNRO p4
Course repeated by PRO (10 mins before warning).			
If the course was not announced 20 mins before warning, the PRO should announce it now, and ask the RO to repeat it.			
If still insufficient wind to set course, the RO should postpone (by announcing the virtual raising of the AP + 2 hoots) at this point			
I	I	I	I



Running a CCRC race - Marks

- We designate about 80 of the 200 Solent Cruiser Racing Association marks as CCRC marks, along with 10 local marks (e.g. Chi, Hard, Sparkes)
- Every year several of the SCRA marks change name, but the SCRA code rarely changes.
- For 2024 we have given our 10 local marks a local SCRA code, e.g. 8C = Chi, 8H = Hard, 8S = Sparkes.
- This year we will experiment with issuing courses as a list of SCRA codes on the WhatsApp group. This will be in addition to the normal courses issued on VHF by buoy name.
- We have issued the CCRC Mark List in Alphabetical order (as normal) and also in SCRA Code order, so that you can easily look them up.

Running a CCRC race – CCRC Marks List

CCRC Mark List 2024 - Issue 1 - Alphabetical										
SCRA	Name	Colour	Lat	(N)	Long	(W)	Changes from 2023 list, etc			
4W	Ancasta	Υ	50	47.33	001	14.59				
5G	Baker Trayte Marine	Υ	50	46.42	001	07.90				
No	Bay	¥	50	45.00	001	54.90	Deleted - mark no longer exists			
6F	Bembridge Ledge Buoy	BYB	50	41.15	001	02.81				
4N	Ben F Wood	Υ	50	47.27	001	15.90	Name was YachtDataBank			
2F	Berthon	Υ	50	44.20	001	29.22				
8B	Boulder	G	50	41.56	000	49.09	SCRA code was "6"			
5C	Browndown	G	50	46.57	001	10.95				
							SCRA code was "6"			
8M	Cambrian Wreck	YB	50	44.44	001	03.43	Position was 50 44.43, 001 3.50			
22	Charles Stanley	Υ	50	42.86	001	29.40				
8C	Chi	Υ	50	45.52	000	57.06	SCRA code was "6"			
4G	Chieftain Training	Υ	50	49.45	001	16.91				
3T	CHS	Υ	50	46.10	001	18.87	Position was 50 46.09, 001 18.70			
4X	Colette	Υ	50	45.53	001	14.39				
47	Contessa 32 class	Υ	50	47.70	001	15.25				
4B	Coronation	Υ	50	49.55	001	17.62				
3G	Cowes Week 2026	Υ	50	46.58	001	21.46	Name was Greenings Payments			
3P	Cowes Yacht Haven	Υ	50	45.68	001	19.98				
3C	craftinsure.com	Υ	50	45.64	001	23.12				
4R	Darling Buoy	Υ	50	49.18	001	15.71				
6H	Dean Elbow	G	50	43.69	001	01.88				
6N	Dean Tail	G	50	42.99	000	59.17				
2H	Draycott Chartered Surveyors	Υ	50	44.30	001	28.16				

13.64



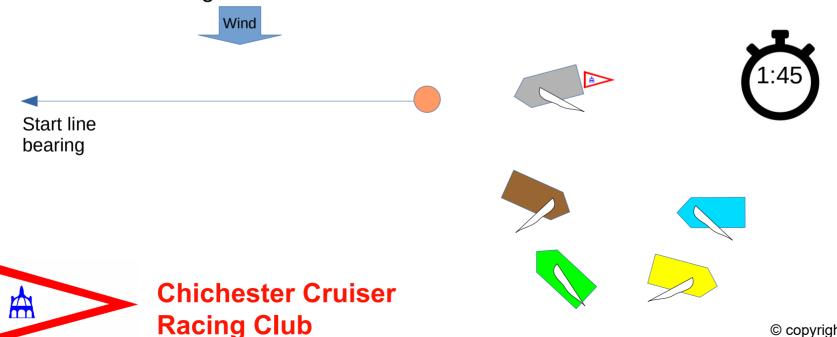
Running a CCRC race – CCRC Marks List

CCRC Mark List 2024 - Issue 1 - by S	CRA code
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	CCRC Mark	131.6	<u>v.</u>	• - 133	ME T.	- DV - J	ZIVA COUE
SCRA	Name	Colour	Lat	(N)	Long	(W)	Changes from 2023 list, etc
22	Charles Stanley	Υ	50	42.86	001	29.40	
24	Now Students	Υ	50	42.86	001	28.42	Name was Hall Hunter
26	Hamstead Ledge	G	50	43.87	001	26.18	
	Berthon	Υ	50	44.20	001	29.22	
2H	Draycott Chartered Surveyors	Υ	50	44.30	001	28.16	
	Zwerver	Υ	50	45.11	001	27.34	Name was Sowley
2K	Greenings Fintech	Υ	50	44.83	001	26.09	Name was Cowes Radio
30	RORC	Υ	50	47.12	001	17.72	
31	South Bramble	G	50	46.98	001	17.72	
33	Prince Consort	BY	50	46.41	001	17.56	Position was 50 46.42, 001 17.55
3B	MDL Marinas	Υ	50	44.36	001	23.80	Name was Newtown East
3C	craftinsure.com	Υ	50	45.64	001	23.12	
3D	Salt Mead	G	50	44.51	001	23.04	
3E	The Boss	Υ	50	46.13	001	22.19	
3F	Elephant Boatyard	Υ	50	44.72	001	21.95	
3G	Cowes Week 2026	Υ	50	46.58	001	21.46	Name was Greenings Payments
3H	East Lepe	R	50	45.93	001	21.07	
3L	Gurnard Ledge	G	50	45.51	001	20.59	
3N	Royal Cork	Υ	50	47.07	001	19.88	
3P	Cowes Yacht Haven	Υ	50	45.68	001	19.98	
	Polly's Challenge	Υ	50	45.97	001	19.45	
	TeamO	Υ	50	47.81	001		Name was TackGybeSet
3T	CHS	Υ	50	46.10	001	18.87	Position was 50 46.09, 001 18.70
3U	Gurnard	BY	50	46.22	001	18.84	
	Williams Shipping	Υ	50	47.20	001	18.55	
3Y	West Knoll	Υ	50	47.43	001	17.84	

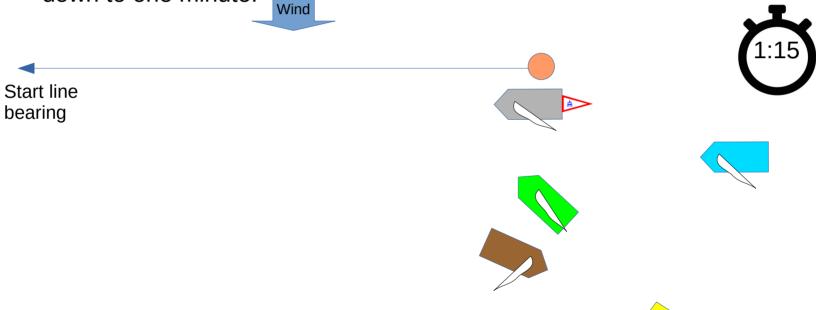


- PRO will announce the bearing along which the start line will be laid as part of the course on VHF.
- This will be at 90 degrees to the course to the first mark. If the first mark is to windward, it will be at 90 degrees to the wind.
- RO (with CCRC burgee on backstay) approaches the start mark at about 2 minutes to go before the start...



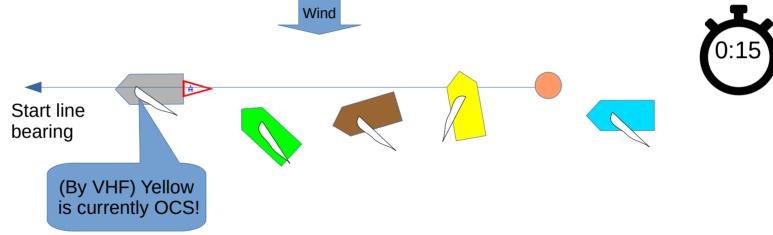
• Just before one minute to go, the RO passes the start mark and starts to head along the start line bearing...

• ... not forgetting to issue the one minute signal by VHF when the clock ticks down to one minute.

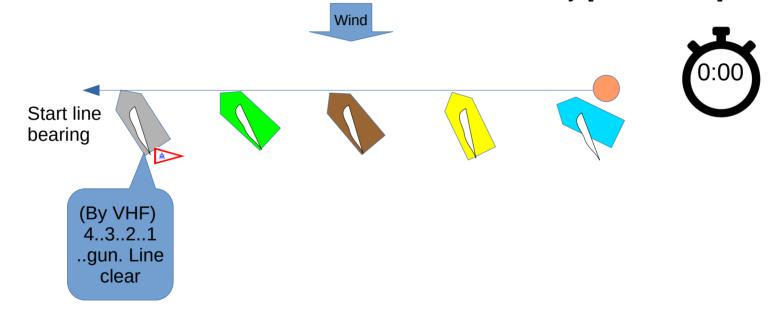




- With a few seconds to go before the start, the RO has almost finished laying out the start line ...
- ... she keeps an eye on the fleet and warns any OCS boats by VHF

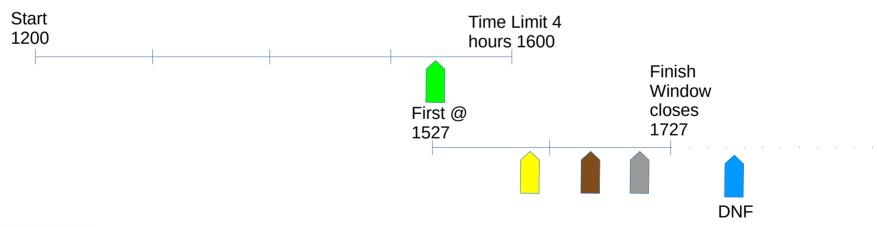


- At start time, RO issues the start signal by VHF. All yachts head up and begin the race...
- The RO transmits "Line clear", "General Recall" or "Xray [sail number]"



Running a CCRC race: Shorten course?

- At least one yacht needs to finish within the "Time Limit". Otherwise the race is automatically abandoned for everyone. (Rule 35)
- As soon as the first yacht finishes, the "Time Limit" becomes irrelevant.
- A "Finish Window" opens at the finish time of the first boat, and closes 2 hours (Bay race) or 3 hours (passage race) later. (CCRC SI 14.2)
- The rest of the fleet must finish within the Finish Window, otherwise they are DNF.





Should the RO have shortened course?

CCRC Race Management

- Running a CCRC race
- Course setting



Course Setting

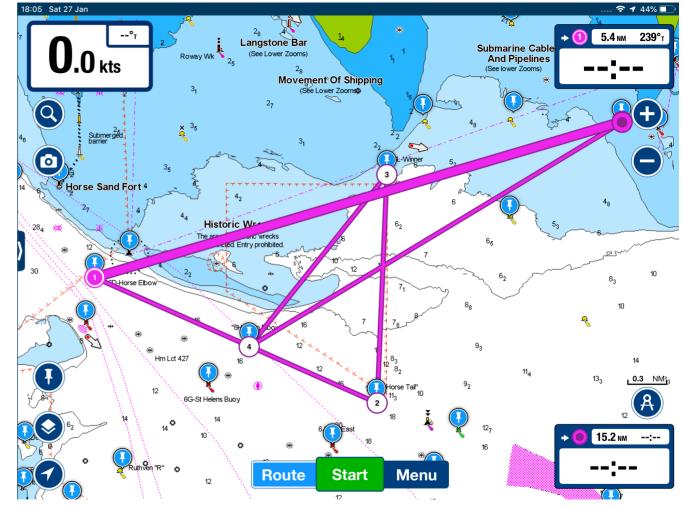
- What shape should the course be?
- How long should the course be?
- Using the CCRC Course List
- Things to avoid
- Passage race courses
- Planning a passage race weekend

Course Setting -What shape?

- First mark to windward at least 1 mile (spread the fleet)
- Include some broad reaches AND dead runs (different offwind legs favour different rigs: e.g. symmetric vs asymmetric, masthead vs three quarter)
- Two sail reaches are best avoided (processional)
- All marks left to the same side if possible
- Provide a shorten point in the same area as the full course finish.

Course Setting – What shape?

- Wind was 250, expected to track round to 230.
- Force 5 so a longish course
- Tide East-going
- All marks to Port
- A long beat, but able to dodge the tide.
- Legs 2 and 3 broad reach, avoid shipping
- Shorten point at Winner
- Another beat (cross-tide) then a run to finish.





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Course Setting — How long?

- Yachts will complete the course in the same time as a crow flying at the following speed:
 - Larger / faster yachts: 4.5 knots
 - Smaller / slower yachts: 3.25 knots
- Much slower in light winds
- Light winds 7-8 miles, able to shorten at 4-5 miles
- Medium / strong winds 10-13 miles

Using the CCRC List of Suggested Courses

CCRC Course List 2024 - Issue 1

- Look through the course list to find one with approximately the right wind direction and length.
- Change one or more marks to get the course axis, shape, and length that you want.
- Don't announce the distances and bearings – just the mark names and Port or Starboard

Course Number 231	Course Title Bay 230 to 245	Start/ Finish	SCRA code	Mark name	Hand	NM	Course
	5.3 nm	Start	88	Sparkes			
			6L	Winner	Р	1.14	245
			8H	Hard	Р	1.07	110
			88	Sparkes	Р	0.85	002
			6L	Winner	Р	1.14	245
		Finish	88	Sparkes	Р	1.14	065
232	Bay 230 to 245 7.8 nm	Start Finish	8H 6H 6K 8C 8H	Hard Dean Elbow Horse Tail Chi Hard	P P P	2.37 1.14 3.04 1.21	244 114 041 229
233	Bay 230 to 245 13.6 nm	Start Finish	8C 6H 6K 6L 6D	Chi Dean Elbow Horse Tail Winner Horse Elbow Chi	P P P	3.55 1.14 1.87 2.54 4.49	239 114 003 251 074



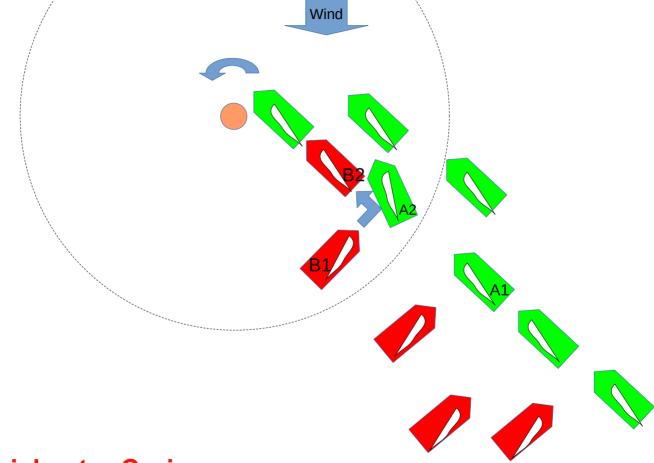
Course Setting – Things to avoid

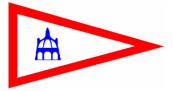
- Starboard rounding
- Tide gates
- "Corkscrew" error
- Danger areas
- Messing up the social or berthing



Course Setting – Port rounding is fine

- Port tackers have to find a safe place to tack and join the stack.
- B tacks in the zone. This does not give her an entitlement to mark-room, and B must not cause A to luff above closehauled (Rule 18.3). B is in the wrong.

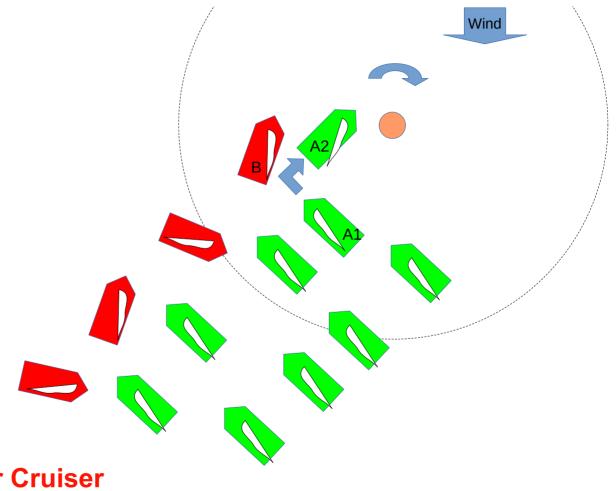




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Course Setting – Avoid Starboard rounding

- Port tackers cannot form an orderly stack
- Many close quarters situations
- A tacks in the zone. A can cause B to luff above close-hauled because Rule 18.3 does not apply to Starboard roundings. This encourages the late tack (but beware Rule 13, 14, 15, 16).

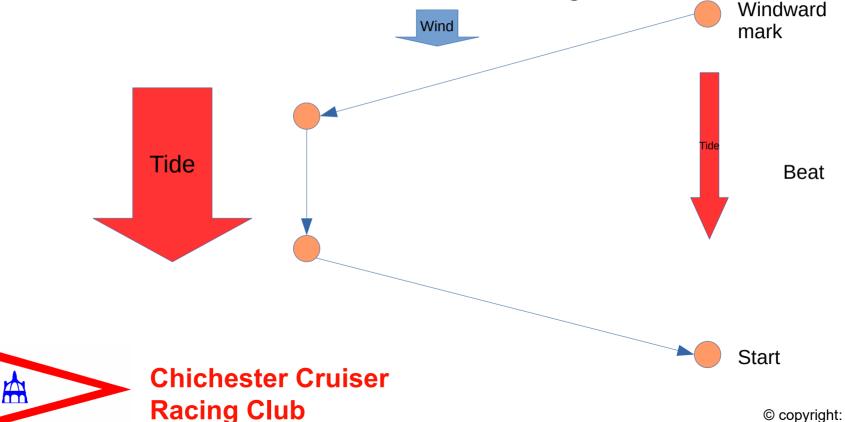




Chichester Cruiser Racing Club

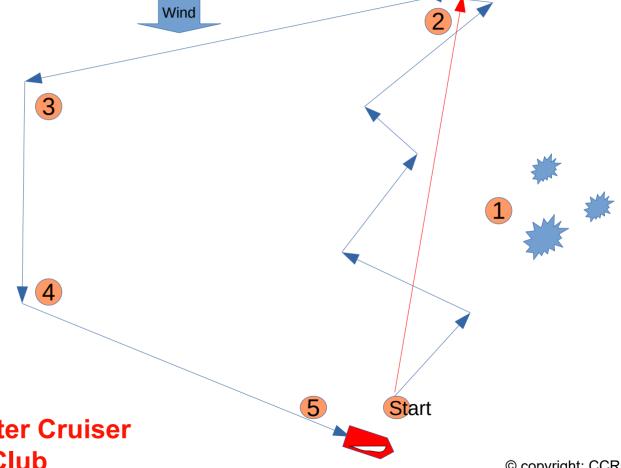
Course Setting – avoid tide gates

- Boat speed on a tack 3k > VMG to windward 2.1k
- If tide is much more than 1.5k tide gate



Course Setting – avoid corkscrew error

- Start, 1(S), 2(P), 3(P),
 4(P), 5(P) (finish)
- Has the red yacht sailed the course?
- No a string drawn taut must touch each rounding mark (all CCRC marks are rounding marks (SI 8.3))



CI R

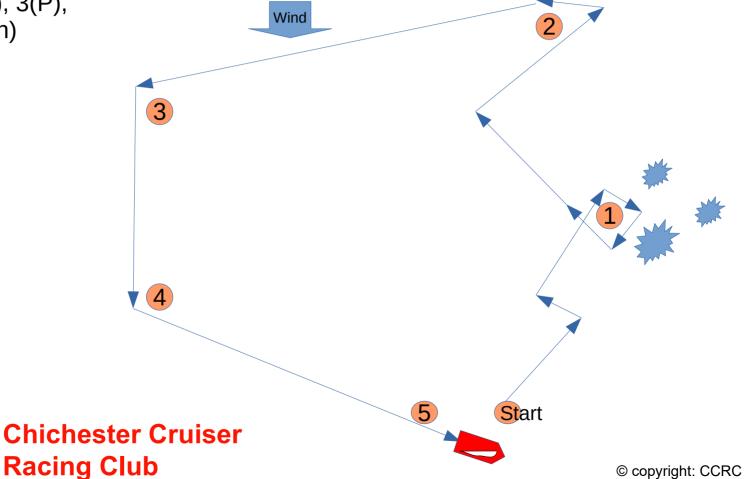
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Course Setting – avoid corkscrew error

• Start, 1(S), 2(P), 3(P), 4(P), 5(P) (finish)



28

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Course Setting – Passage courses

- Not much freedom to vary the point of sailing
- But try to include an upwind/downwind leg or small triangle
- Include marks which guide yachts around a hazard –
 e.g. Submerged Barrier, Bramble Bank, Nab Channel
- Be aware of tide changes effect on smaller yachts trying to finish

Course Setting – Planning a Passage Race Weekend Mike Smith, Hon Sailing Secretary

11.00

9.30

Weeke Race No. Date Dav LW HW Height LW Start Series Destination Event VPRS Prize **NHC Prize** 3 8.56 4.1 14.31 11.00 Passage 1 Gosport Hornet SC 4 Sat Gosport

Passage 2

Passage 3

Beaulieu

Chi



5

6

Sun

Mon

4

5

9.59

10.5

4.4

4.7

15.25

16.13

MAY

Mons Meg Ditty

Box

Gunshot Shell

Gins Farm RSYC

SATURDAY 4th May

HW Portsmouth 8.56 (09.00) 4.1m LW 14.31

Start Time not a problem depends on tidal direction/destination

Tide Direction

9 W, 10W,11 W, 12 Slack East S W West S, 13 Slack East S W West S, 14 E 15 E

Suggest remain in mid Solent no further west than Beaulieu. Probably Cowes or Gosport. 3 hour Race

Sun 5th May

HW Portsmouth 09.59 (10.00) 4.m4 West going tide till Slack at approx. 13.00 Starts East 15.00 Suggest remain in Central Solent with Start 11.00-12.00. 3 hour Race

Mon 6th May

HW Portsmouth 10.50 (11.00) 4.7m West going till 14.00 when slack in East Solent East going inshore

Return to Chi 10-11.00 Start. Possible motor east for later start.

SUNDAY 5th May

Beaulieu Entrance (Nb Beaulieu Entrance Web site information https://www.beaulieuriver.co.uk/tide-times-information-booklet/)

5th May 2024 Bar: 0.9 above LAT Tide difference Portsmouth + 27mins.

Bucklers Hard Tide Data
5th May LW 15.28 0.7 above LAT i.e + 0.9 = Depth at Bar 1.6m

Portsmouth Tide Data
5th May LW 15.20 +27 LW Beau 15.47 0.96 above LAT i.e +0.9= Depth at Bar 1.86m

Amalgamating Data 5th May (15.28 + 15.47)/2 = 15.35 Time of LW at Bar approx. (1.6 + 1.86)/2 = 1.7m Depth at Bar.

Most boats can get in at LW. Race finish 1 hour before or 1 hour after.

Start 11.00 15 miles length Av Speed 4knots 3.75 hours i.e 14.75 Av Speed 5knots 3.00 hours i.e 14.00

PO to adjust course or start time for conditions with regard to Beaulieu entrance.

Monday 6th May

Beaulieu to Chi.

LW 03.53 0.9 HW 1050 i.e 11.00 4.7 LW 16.13 0.8 Range 3.9 Start of springs.

Tidal Data

- 9.00 Slack East Solent E slight West Solent
- 10.00 W slight East Solent W slight West Solent
- 11.00 W East Solent
- 12.00 W strong East Solent
- 13.00 W East Solent
- 14.00 Slack East Solent
- 15.00 17.00 W East Solent.

Monday 6th May

Nav Data: Options

Beaulieu Entrance to Prince Consort 2.5 miles. Beaulieu to Hillhead 3.8 miles

Prince Consort to SE Ryde Middle 3.6 miles Hillhead to RYS 2.6 miles

SE Ryde Middle to Dolphins 5.0 miles RYS to Stokes Bay 2.4 miles

Dolphins to CHI 4.5 miles Stokes Bay to Gleeds 1.4 miles

Total approx. <u>15.5 miles</u> Gleeds to Dolphins 1.5 miles

Dolphins to CHI <u>4.5 miles</u>

Total: <u>16.2 miles</u>

@ 4knots

10.00 Start - 10.45 Prince Consort-11.45 SE Ryde Middle- 13.00 Dolphins-14.15 CHI

10.00Start - 11.00 Hillhead -11.45 RYS - 12.30 Stokes Bay - 13.00 Gleeds-13.30 Dolphins - 14.45 CHI

Options

Start earlier allowing 1 hour to get to start from Gins Farm.

Aim for start off Hurst Point, RYS or in Portsmouth Bay later at 13.00 motoring to start and short course with dog legs in Hayling Bay.

SUMMARY

SAILING SECRETARY

Considers weekends for racing and overall programme

Liaise with Hon. Secretary on Socials.

Data: Tide Currents and available location/socials.

Tides for start times and leaving moorings.

Number of Races and other Club's Activities

Organise before Race PRO and RO for the events.

Issues notice of Races and Sailing Instructions prior to Race.

PRINCIPAL RACE OFFICER (PRO)

Considers Start Times, Course and Length of Race

Liaise with RO during Pre-Start Period

Data: Tides and Tide Currents

Current and Forecasted Weather (PredictWind)

Likely fleet sailing, largest and smallest boats

Organise and announce course inc. start, finish and

Any changes to SIs.

RACE OFFICER

Liaise with PRO during pre-start period.

List Boats in Fleet.

Undertakes Starting Sequence

Monitor Fleet and if necessary shortens race.

Communicate Start Time to Results Officer.