



Hardway Sailing Club

Sailing Instructions and Rules for Cruiser and Day Boat Racing 2022

Revised 23.03.22 v4

This document covers events that take place both within and outside the harbour. Preliminary Notice of Race shall be the 2022 HSC Race Calendar which is published at the start of each season. All boats participating in HSC race events must be familiar with these instructions and rules.

Additions and/or alterations to this document during the season will be displayed on the Cruiser notice board in the club house, and where possible, emailed to owners.

1. Racing Rules.

1. The Racing Rules of Sailing 2021-2024 (RRS) will govern all events except where modified by this Document, and any individual Race Instructions or Notices of Race.

2. Race Instructions

1. Individual Race Instructions for Solent races will be published a minimum of one week in advance of the event.

3. Insurance.

1. Each participating boat shall be insured with valid third-party liability insurance with a minimum cover of £3,000,000 (GBP) per event or the equivalent.

4. Safety Regulations.

1. The minimum standard for all yachts is set out in Appendix B for inshore racing of the "World Sailing Offshore Special Regulations 2020-2021 with updates January 2021".
2. A copy of this document is displayed on the Cruiser notice board.

5. Rubbish Disposal.

1. Boats shall not put any rubbish in the water.

6. Radio Communication.

1. Except in an emergency, a boat shall neither make nor receive radio transmissions while racing which are not available to all boats.
2. This also applies to mobile telephones.

7. Risk Statement.

1. The Risk Statement is published separately and will be made available to all owners who will be required to submit a signed copy to the Sailing Committee / Race Officer before competing. Any boat competing without having submitted a valid form will be scored DNC.
2. Owners will be responsible for bringing the document to the attention of their Crew.

8. Handicapping.

1. RYA National Handicap for Cruisers (NHC) will be used. (See appendix NHC GUIDELINES).
2. An additional fixed handicap system may be used.
3. Generally, for in-harbour races, boats will be divided into Slow and Fast Handicap fleets according to their given rating.
Fast fleet boats will have a handicap of 0.850 and above.
4. If at the end of a series a boats handicap has altered sufficiently, they will move to the corresponding fleet for the next series.

9. Discards

1. Normally there will be one discard per series, but if 3 or less races in a series are sailed, all races will count. This changes RRS rule A2.1.

10. Rule 62.

1. Any adjustment to a boat's NHC rating is no grounds for redress.

11. Validity of Race

1. A minimum of 2 boats in the same fleet and correctly starting is required for a valid race. This changes RRS rule A2.1.

12. Start Times.

1. Evening harbour races - Warning (5 minute) Signal 1855.
2. Sunday harbour races - Warning (5 minute) Signal 1055.
3. All other races times will be published prior to the event.
4. A boat starting later than 15 minutes after her Start signal will be scored DNS without a hearing.

13. The Start.

1. Races will be started using rule 26 with the Warning signal 5 minutes before the start signal.
2. Engines must be off before the Preparatory (4 minute) signal.

14. Start Sequence.

1. See Appendix CRUISER RACE SIGNALS 2022.

15. Signals.

1. See appendix CRUISER RACE SIGNALS 2022.
2. Additional announcements may be made by VHF radio.

16. Start Line.

In Harbour:

1. The start line shall be formed by a line drawn through the orange triangles on the club derrick and the roof of the race box.
2. The Outer Distance Mark (ODM) at the eastern end shall be a small red and yellow spherical buoy, which may not be in line with the Start Line. This mark is identified as ODM on the 2022 Harbour Race Chart. See 21.4.
3. The Inner Distance Mark (IDM) shall be a small red and yellow spherical buoy positioned just off the end of HSC pontoon, which may not be on the Start Line. This mark is identified as IDM on the 2022 Harbour Race Chart. See 21.4.
4. For safety reasons, boats are not to pass between the pontoon and the IDM after the Preparation signal (4 minutes). From when approaching the line to start and throughout the duration of the race any boat observed by the race committee passing between the inner distance marks and the pontoon will be scored NSC (Not Sailing the Course) without a hearing, unless she corrects her error.

Outside the Harbour:

5. The start line shall be formed by an imaginary line between the Committee Vessel main mast or other mast raised for the purpose of starting the race and the chosen start mark for the race unless otherwise stated in the course instructions. The Race Officer may also lay an inner distance mark to protect the Committee Vessel. Any boat passing between the inner distance mark and the Committee Vessel when approaching the line to start and throughout the duration of the race, will be scored NSC (Not Sailing the Course), without a hearing.
6. The Committee Vessel may commence racing as soon as possible after the start signal, and will be given an appropriate time adjustment.
7. If there is no Committee Vessel, individual Race Instructions will apply.

17. The Finish.

In Harbour:

1. The finish line shall be between the Outer Distance Mark and the orange triangle on the roof of the race box.

Outside the Harbour:

2. The finish may be when a single course mark has a specific magnetic bearing, or between two specified marks, or between a Committee Vessel and a mark. Details will be provided in individual Race Instructions.
3. Elapsed Finish Times, and the position of nearby boats, must be recorded by competitors and forwarded as indicated in the course instructions.

18. Time Limit.

1. Harbour evening races will be 2115hrs. (Unless an alternative is announced on Channel M2, e.g. early or late season races).
2. Harbour Sunday races: The first boat that has sailed the Course correctly must finish within 2 hours of the start.
3. Time limits for all other races will be provided in individual Race Instructions.
4. Boats finishing outside the time limit will be scored DNF, unless no boat finishes, in which case the race will be abandoned.

19. Going Aground – In Harbour only.

1. As permitted by RRS 42.3 (i), and due to the restricted nature of the racing area, any yacht going aground while racing may use any means of propulsion to re-float and may continue racing provided no advantage is gained. Once afloat, competitors must inform race control of their actions at the earliest opportunity.

20. Courses.

In Harbour:

1. Courses are set out on a separate sheet (see appendix CRUISER HARBOUR COURSES 2022), together with a chart illustrating the position of all marks (see appendix HARBOUR RACE CHART 2022), and these form part of the Sailing Instructions. The number of the chosen course may be displayed above the club balcony and will be announced by radio prior to the start of each race. All visual signals are also made from this point.
2. Except when used as a turning mark all channel markers must be passed on the channel side.
3. The ODM and IDM must always be passed on the channel side, whilst racing.

Outside the Harbour:

4. Individual Race Instructions will be produced separately, normally one week in advance. Whenever possible these will be emailed to owners as well as being displayed on the club notice board.

21. Shortening Courses.

In Harbour: This adds to RRS rule 32.2.

1. In some circumstances the Race Officer may record times as boats pass through the line at various stages of the race and at their sole discretion revert back to these times in order to produce a result.
2. In addition the Race Officer may shorten by broadcasting instructions by radio after the first boat has passed the mark prior to the mark after which the change will take place, or by instructions issued from a boat positioned at one of the course marks. This adds to rule 33 of the RRS.
3. Visual signals may be made from the race box balcony before the first boat reaches the mark before the altered leg.

Outside the Harbour:

Courses can only be shortened at a mark of the course if a Committee Vessel is available or by instructions contained in individual Race Instructions.

22. Protests and Requests for Redress.

In Harbour:

1. Protest forms are available from the Race Officer, and requests for redress must be delivered to the race officer within 30 minutes of the last boat finishing. The protest committee can extend this time if there is a problem with getting people back on the launch or the boat being kept away from HSC. The time of any hearings will be decided by the appointed protest committee.

Outside the Harbour:

2. Intention to protest or seek redress must be communicated by text to the Officer receiving the elapsed finish times within 30 minutes of the competitor finishing. The Officer will arrange for the completion of the forms, and date and time of any hearing.

23. General Additional Rules.

1. Cruisers and dayboats must be a minimum of 5.5m (18ft) LOA and a maximum of 13m (42ft 7in) LOA to compete in club racing.
2. All yachts must carry a working VHF radio capable of transmitting and receiving on channels P4/M2, M and 16.
3. All yachts must announce their intention to race and receive acknowledgement from the race officer prior to the Warning (5 minute) signal.
4. Club burgees must be flown from the backstay.
5. Race numbers must be displayed. These need to be solid dark-coloured numbers on a white background and a minimum of 200mm high.
6. Anchors shall be secured on or below deck and not protrude beyond the toe-rail or bow.
7. Flying an Ensign will indicate retirement.
8. Multihulls are not eligible for HSC or Interclub races in Portsmouth Harbour.

24. Boat Definitions

1. A cruiser is defined as a sailing boat with fixed internal overnight accommodation.
2. A day boat is defined as a ballasted monohull sailing boat with a minimum displacement without crew of 500kg.

25. Advisories

1. Please avoid radio communication during the start sequence.
2. Competitor's attention is drawn to QHM Portsmouth General Directions, which advise boats to avoid entering mooring areas unless mooring or unmooring.

CRUISER RACE SIGNALS 2022

Signals form part of the Sailing Instructions.

POSTPONEMENT VHF announcement 2 SOUNDS
May be signalled for any reason before the START signal.

POSTPONEMENT ENDED VHF announcement 1 SOUND
The WARNING signal will be made 1 MINUTE after announcement.

STARTING SEQUENCE:

			In Harbour:
WARNING SIGNAL	5 min before start	1 SOUND	+ 
PREPARATORY SIGNAL	4 min before start	1 SOUND	+ 
1 MINUTE SIGNAL	1 min before start	1 LONG SOUND	+ 
START SIGNAL		1 SOUND	+ 

INDIVIDUAL RECALL VHF announcement 1 SOUND
Signalled for identified boats on the course side at the START SIGNAL.
VHF announcement "All clear" when all identified boats have returned completely to the pre-start side of the line.

GENERAL RECALL VHF announcement 2 SOUNDS
May be signalled for unidentified boats on the course side at the START SIGNAL, or a timing error of the START SIGNAL.

END OF GEN. RECALL VHF announcement 1 SOUND
The new PREPARATORY SIGNAL will be made 1 min after announcement.

COURSE SHORTENED
All classes VHF announcement 2 SOUNDS

Slow Fleet ONLY VHF announcement 2 SOUNDS

RACING ABANDONED VHF announcement 3 SOUNDS
No more racing today.

TIME LIMIT

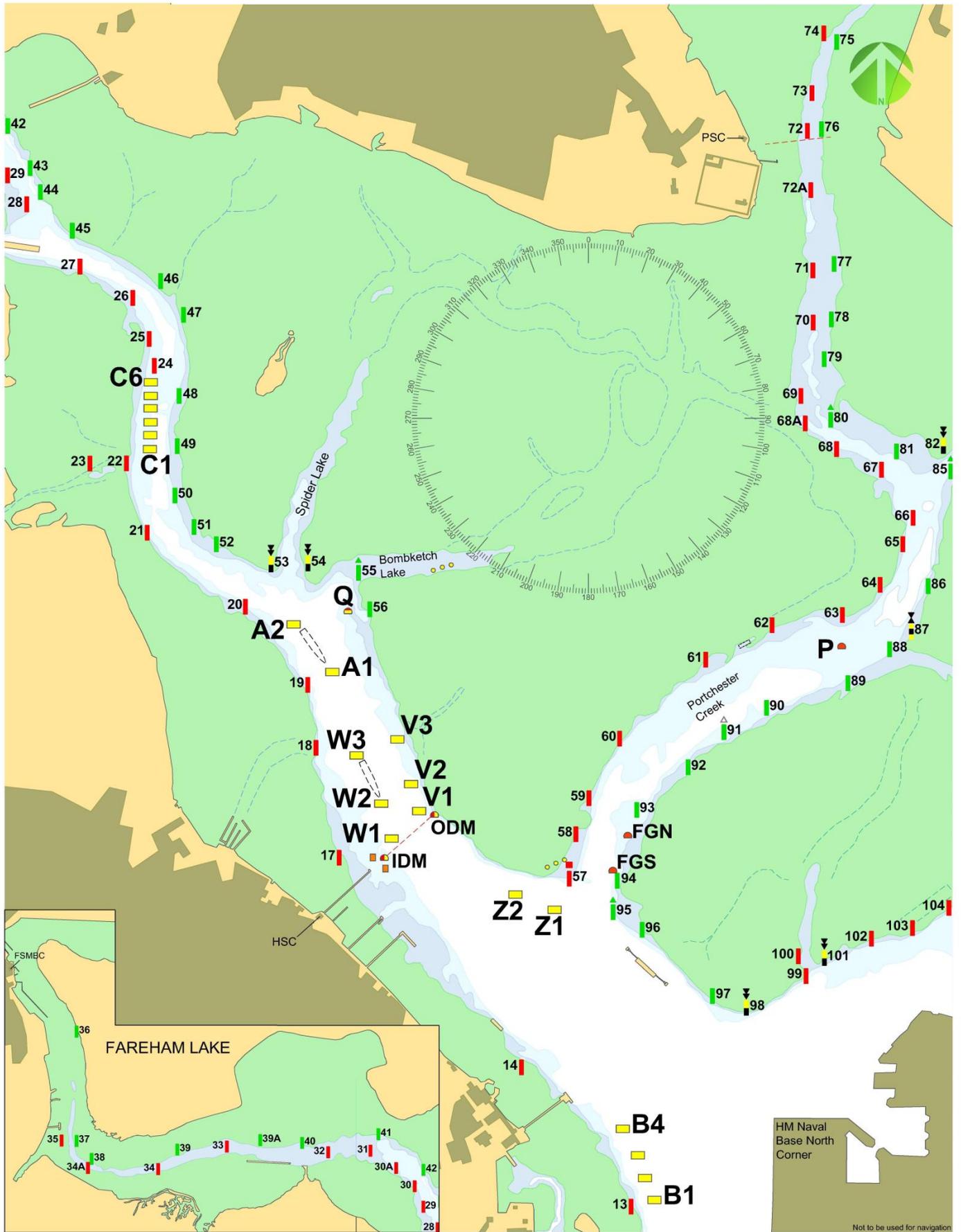
If there are no finishers within a time limit the race will be ABANDONED. When an abandoned race is re-scheduled, all boats that entered must be notified & are entitled to start. New entries may be accepted at the discretion of the Race Committee.

HSC CRUISER COURSES 2022

Revision 5: 23.03.2022

If there is a vessel attached to the mark, the vessel becomes part of the mark. After rounding the last mark of the course, pass through the finish line.

Course	Marks	Laps
1	Qp A2p Z1p	3
2	Qp C6p B1p Pp Z1s	2
3	Qp B1p Pp	2
4	Qp Z1p Pp	3
5	A2p Z1p Ps B1s W3s Z1s C6s Z2s	2
6	Qp C1p B1p Z1p	3
7	Qp A2p Z1s B4p Z1p	3
8	A2s Qs Z2s B4p Z1p	2
9	Qp C6p Z1p Pp	2
10	A2p B4p Pp	2
11	A2p B1p Pp Z1s	3
12	Z1s B4s A2s Qs	4
13	B1p Pp B4s Z1p A2p	2
14	B1p A2p Z1p Qp	2
15	B4p Z1s Pp Z1s V3p	3
16	B4p Z1s Pp Z1s A2p Z1s W3s	3
17	W3p Z2s V3s Z1s	3
18	Z1s B4s V3p	3
19	B1p Pp Z1s V3p	3
20	B1p 98p B4s W3s	3
21	B4p 98p Pp Z1s W3s	3
22	Z1p Pp W3p	3
23	Z1s B4p Pp Z2s A2s	2
24	Z1s B4s Pp V3s	2
25	Z2s B1p Pp Qp	3
26	Z2s B4p Pp Z1s C6p	2
27	Z1p 8Os Z2s Qp B1s A2s	1
	P will be an Orange inflatable buoy positioned in Portchester Creek prior to the race start. The most easterly position for it will be between Pile 63 and Pile 88	



HARBOUR RACE CHART 2022

Published by Mike Kemp HSC
Revised 13.3.22

NHC GUIDELINES

1. Generally the RYA NHC system will be used as advised by the RYA.
2. At the start of the year, a set of handicaps for each race series will be published and posted on the notice board.
3. Initial handicaps will be derived from the *NHC calculator*, provided by the RYA. The RYA published list may be used if suitable data is unavailable.
4. Handicaps will be derived from previous results, where available, and using the NHC calculator, where not.
5. *Sailwave* software will be used to calculate and publish results.
6. At the start of each race series, boats will start on their published handicap as described above, and after each race in the series their handicap will adjust as calculated by the *Sailwave* software.
7. Boats with a handicap of 0.850 and above will race in the fast fleet, where appropriate. If a boat's handicap reaches 0.850 or above during a race series, and remains at 0.850 or above at the end of the series, the boat will move to the fast fleet in the next series. Similarly fast fleet boats will move to the slow fleet when their handicap drops below 0.850.
8. Each Harbour Series will commence with handicaps from the previous Harbour Series.
9. Where Harbour Series races overlap, e.g. Early Spring and Spring Series, boats will have their handicaps adjusted according to the previous race in that series.
10. Individual races such as the Single Handed, Pursuit, Ladies race etc. will similarly use previous results, where available, and calculated base handicaps, where not.
11. One-off events such as Open Regattas will use base numbers derived as item 3.