

2016 IRC DOUBLE HANDED NATIONAL CHAMPIONSHIPS

16 & 17 September 2016

SAILING INSTRUCTIONS

1 RULES

- 1.1 Races are governed by the rules as defined in the Racing Rules of Sailing (RRS).
- 1.2 If there is conflict between the Sailing Instructions (SIs) and the Notice of Race the SIs will prevail. This changes RRS 63.7.
- 1.3 Boats shall comply with Category 4 of the ISAF Offshore Special Regulations. Dispensation for boats sailing to Class Rules may be granted at the discretion of the Race Committee.
- 1.4 Self-steering equipment may be used.
- 1.5 A boat shall observe the IRPCAS (ColRegs), applicable Notices to Mariners and local by-laws & regulations in respect of ships and vessels not racing.
 - 1.5.1 An engine may be used in order to comply with 1.5. Competitors shall report the use of an engine whilst racing to the RC who may protest that boat. If a significant advantage was gained the boat shall retire. The protest committee may apply a penalty other than DSQ.

2 NOTICES TO COMPETITORS

- 2.1 Notices to competitors will be posted on the official notice board (ONB) in the Race Office at RORC Clubhouse (The Parade, Cowes), repeated on the event website (www.dhnationals.co.uk/onb) and emailed to entrants. Failure to receive such emails or failure of the repeat of the ONB on the website will not be grounds for redress. This changes RRS 62.1(a).
- 2.2 Classes will be displayed on the website (www.dhnationals.co.uk/onb) on Wednesday 14 September 2016.

3 CHANGES TO SAILING INSTRUCTIONS

- 3.1 Any change to the sailing instructions will be posted before 0900 on the day it will take effect, except that any change to the schedule of races will be posted by 2100 on the day before it will take effect.
- 3.2 In accordance with RRS 90.2(c), changes may be made to sailing instructions on the water when the change will be transmitted on VHF at the Attention Signal (5.7) before a sequence of starts.

4 SIGNALS MADE ASHORE




- 4.1 Signals made ashore will be displayed on the flag pole at RORC clubhouse.
- 4.2 When a signal is displayed over Flag F, that signal applies to all classes.
- 4.3 When Flag AP is displayed ashore, 1 minute is replaced with 'not less than 45 minutes'. This changes RRS Race Signal AP.
- 4.4 When Flag Y is displayed ashore personal floatation devices shall be worn at all times whilst afloat. This changes RRS 40 and the Part 4 preamble.

5 SCHEDULE OF RACES

- 5.1 Racing will take place on Friday 16 and Saturday 17 September.
- 5.2 Format of racing is as per the Notice of Race and likely to include a laid marks windward / leeward course, a 'round the cans' course and a passage race. This format may be changed at the discretion of the Race Committee.
- 5.3 The intention is for two races on Friday and one on Saturday.
 - 5.3.1 If only one race is completed on Friday then two races may be sailed on Saturday.
- 5.4 The scheduled time of the warning signal of the first race for the first class to start is 1030 on Friday and 1000 on Saturday.
- 5.5 No warning signal for the first start of a sequence of starts will be made after 1700 on Friday and 1430 on Saturday.
- 5.6 A time check will normally be given 15 minutes before the first scheduled warning signal of the day.
- 5.7 To alert boats that a race or sequence of races will begin soon, the orange flag will be displayed with one sound ten minutes before the warning signal. This is known as the 'Attention Signal'.

6 CLASS FLAGS

- 6.1 Class flags will be:

Class	Flag
1	NP1 
2	NP2 
3	NP3 

- 6.2 All boats shall display Class flags on the backstay or pushpit.

7 RACING AREAS

- 7.1 Friday: Racing start in the vicinity of Hill Head Buoy (4M), unless notified to the contrary by VHF.
- 7.2 Saturday: The location of the start will be detailed on the ONB on Friday 16 September before 2100.
- 7.3 Racing will take place in the Central Solent and is likely to include the Eastern and/or Western approaches to the Solent.

8 THE COURSES

- 8.1 The course for all classes will be announced on VHF at the Attention Signal (5.6) and then, for the class in sequence, repeated at the preparatory signal.
- 8.2 The course for a passage race, if raced on Saturday, may be displayed on the ONB before 9pm on Friday 16 September.
- 8.3 Whilst racing boats shall pass to the north of the Cowes Breakwater.

9 MARKS

- 9.1 The starting marks will be a race committee boat at the starboard end and an inflatable mark at the port end of the start line.
- 9.2 Marks of the course will be inflatable or fixed marks as per the SCRA list as detailed in Appendix 1.
- 9.2.1 Inflatable marks will be described in the course announcement.

10 THE START

- 10.1 Races will be started by using RRS 26 with the warning signal made 5 minutes before the starting signal.
- 10.2 A warning signal following the start of a previous class is likely to be ONE minute after that start.
- 10.3 The starting line will be between the mast of the RC boat displaying an orange flag and the ODM.
- 10.4 A boat starting later than 15 minutes after her starting signal will be scored DNS without a hearing. This changes RRS A4.
- 10.5 The sail number of a boat that is OCS at the start may be broadcast on VHF but not until 1 minute after the start signal. Failure to make or receive the broadcast will not be grounds for redress. This changes RRS 62.1(a).

11 CHANGE OF THE NEXT LEG OF THE COURSE

- 11.1 Laid Marks Windward/Leeward race only: The position of a laid inflated mark(s) may be adjusted by up to approximately +/- 15 degrees relative to the previous laid mark(s) and up to approximately 400 metres to windward or leeward without the signalling of Flag C. This changes RRS 33.

12 THE FINISH

- 12.1 The finish line will be between the mast of the RC boat displaying an orange flag and the last mark of the course.
- 12.2 The RC may shorten a race at a mark even though some or all boats have passed, if in its opinion the fairness of the race would otherwise be affected. Such shortening will be announced by VHF and signalled by flag F with 2 sound signals. The finish line will be between the mast of the RC boat displaying an orange flag and the appropriate mark of the course. This changes RRS 32.
- 12.3 When requested by the Race Committee during the course announcement, a leading boat should call the RC when a mile from the finish, calling no more than twice even if no reply is heard.

13 TIME LIMITS AND TARGET TIMES

Race	Finish Window (minutes)	Target Time (minutes)
Windward/Leeward	30	60-90
Round the Cans	50	120
Passage	80	180

- 13.1 Boats failing to finish within the finish window after the first boat in her class sails the course and finishes will be scored DNF without a hearing. This changes RRS 35, A4 and A5.

- 13.2 Target times are set for the first finisher in each class. Failure to meet target time will not be grounds for redress. This changes RRS 62.1(a).

14 PENALTY SYSTEM

- 14.1 When a boat may have broken one or more rules of RRS Part 2, the two-turns penalty is replaced by a one-turn penalty. This changes RRS 44.1.
- 14.2 Any boat touching an anchored committee boat used as a starting mark or finish mark shall be given a 5 place penalty without a hearing. If damage or injury is caused the boat shall be disqualified without a hearing. This changes RRS 31, A4 & A5.

15 PROTESTS AND REQUESTS FOR REDRESS

- 15.1 Intention to protest shall be notified to the RC (and acknowledged) by VHF immediately after finishing.
- 15.2 For each class the Protest Time Limit is 90 minutes after the last boat has finished the last race of the day or the race committee signals no more racing today, whichever is the later.
- 15.3 The time of protest hearings will be notified to the parties.

16 SCORING

- 16.1 The Low Point System of RRS Appendix A will apply.
- 16.2 The IRC rating system will be used to calculate corrected times from elapsed race times.
- 16.3 One completed race is required to constitute a championship.
- 16.4 All races will count for the series score.
- 16.5 Calculation of scores to determine the overall National Champion will be detailed on the ONB.

17 SAFETY

- 17.1 No anchor shall be carried before the stem.
- 17.2 A boat that retires from a race shall notify the race committee on VHF as soon as possible.

18 REPLACEMENT CREW OR EQUIPMENT

- 18.1 Substitution of competitors will not be allowed unless authorised by the race committee.
- 18.2 Substitution of damaged or lost equipment will not be allowed unless authorised by the race committee.

19 EQUIPMENT AND MEASUREMENT CHECKS

- 19.1 A boat or equipment may be inspected at any time for compliance with the class rules, IRC rules and the sailing instructions.

20 RADIO COMMUNICATION

- 20.1 Communication with the Race Committee will be on VHF Ch77, unless flag 'R' is displayed to indicate that Ch72 will be used instead.
- 20.2 The Race Committee call sign is 'Double Handed Nationals Race Control'.

21 PRIZES

- 21.1 Series prizes are awarded to the 1st, 2nd and 3rd boats in each Class with a trophy for 1st.
- 21.2 A trophy will be awarded to the overall National Champion with the best results from all classes.
- 21.3 Prize giving will be at the RORC Clubhouse, The Parade, on Saturday 17 September 2016 to follow the dinner that begins at 1900.

APPENDIX 1

SOLENT MARK CODES 2016 - IN ZONES

Zone 1 Western Approaches					Zone 4 Mid Solent (E)				
ID	Name	Colour	Lat N	Long W	ID	Name	Colour	Lat N	Long W
1A	Peveril Ledge	R	50 36.41	01 56.10	4A	Reach	G	50 49.05	01 17.65
1B	Poole Bar No 1	G	50 39.29	01 55.14	4B	Coronation	Y	50 49.55	01 17.62
1C	Haven Insurance	Y	50 40.31	01 54.02	4C	Stormforce Coaching	Y	50 49.21	01 17.46
1D	(spare)				4D	Calshot	BY	50 48.44	01 17.03
1E	Christchurch Ledge Buoy	Y	50 41.60	01 41.50	4E	RYS	Y	50 47.67	01 17.00
1F	Needles Fairway	RW	50 38.24	01 38.98	4F	Deloitte Sailing Club	Y	50 47.20	01 17.00
1G	South West Shingles	R	50 39.29	01 37.52	4G	Cutter	Y	50 49.45	01 16.91
1H	Bridge	YBY	50 39.63	01 36.88	4H	East Knoll	G	50 47.96	01 16.83
1J	Shingles Elbow	R	50 40.37	01 36.05	4J	hamblewinterseries.com	Y	50 48.63	01 16.65
1K	North Head	G	50 42.69	01 35.52	4K	Royal London YC	Y	50 46.15	01 16.65
1L	Needles Lighthouse	RW	50 39.73	01 35.50	4L	William	Y	50 49.03	01 16.49
1M	Warden	G	50 41.48	01 33.55	4M	Hill Head	R	50 48.07	01 16.00
1N	North East Shingles	BYB	50 41.96	01 33.41	4N	QXI International	Y	50 47.27	01 15.90
Zone 2 West Solent					4P	West Ryde Middle	YBY	50 46.48	01 15.79
2A	Hurst	Y	50 42.79	01 32.53	4Q	Jonathan Janson	Y	50 48.46	01 15.72
2B	Dunford	Y	50 43.38	01 31.54	4R	Darling Buoy	Y	50 49.18	01 15.71
2C	Colten	Y	50 43.83	01 30.86	4S	Royal Southern	Y	50 48.88	01 15.57
2F	Berthon	Y	50 44.20	01 29.22	4T	Norris	R	50 45.97	01 15.51
2H	Denisons	Y	50 44.30	01 28.16	4U	Sunsail	Y	50 46.43	01 15.09
2J	Zwerver	Y	50 45.11	01 27.34	4V	Hamble Yacht Services	Y	50 48.13	01 14.64
2K	John Hollamby	Y	50 44.83	01 26.09	4W	Kilchoman	Y	50 47.33	01 14.59
2R	Powder Byrne	Y	50 45.43	01 25.89	4X	Destination Cowes	Y	50 45.53	01 14.39
2T	Lymington Bank	R	50 43.10	01 30.85	4Y	North Ryde Middle	R	50 46.61	01 14.31
2X	Solent Bank	R	50 44.23	01 27.37	4Z	South Ryde Middle	G	50 46.13	01 14.16
20	Sconce	BY	50 42.53	01 31.43	40	Fastnet Insurance	Y	50 47.66	01 13.65
21	Black Rock	G	50 42.53	01 30.43	41	East Bramble	BYB	50 47.23	01 13.64
22	George Hotel	Y	50 42.86	01 29.40	42	Peel Bank	R	50 45.49	01 13.35
24	The English Summer Berry Co	Y	50 42.86	01 28.42	43	Roger Swinney	Y	50 46.16	01 13.09
25	Caldwells Estate Agents	Y	50 43.15	01 27.49	44	Champagne Pol Roger	Y	50 47.31	01 12.10
26	Hamstead Ledge	G	50 43.87	01 26.18	45	South East Ryde Middle	YB	50 45.93	01 12.10
Zone 3 Mid Solent (W)					46	North East Ryde Middle	R	50 46.21	01 11.88
3A	West Lepe	R	50 45.24	01 24.09	Zone 5 East Solent				
3B	Newtown East	Y	50 44.18	01 23.79	5A	Mackley Van Oord	Y	50 45.03	01 11.89
3C	craftinsure.com	Y	50 45.64	01 23.12	5B	Mother Bank	R	50 45.49	01 11.21
3D	Salt Mead	G	50 44.51	01 23.04	5C	Browndown	G	50 46.57	01 10.95
3E	Cowes Radio	Y	50 46.13	01 22.19	5D	Kemps Quay	Y	50 45.18	01 09.65
3F	elephantboatyard.co.uk	Y	50 44.63	01 21.88	5E	Darling Associates Architects	Y	50 46.26	01 08.76
3G	Sevenstar Yacht Transport	Y	50 46.58	01 21.46	5F	North Sturbridge	BY	50 45.33	01 08.23
3H	East Lepe	R	50 45.93	01 21.07	5G	RNC & RAYC	Y	50 46.42	01 07.90
3J	Baxters (Cowes Week only)	O	50 45.23	01 20.69	5H	Portsmouth Sailing Club	Y	50 46.82	01 07.35
3K	Lepe Spit	YB	50 46.78	01 20.64	5J	KB Dry Stack	Y	50 46.61	01 07.29
3L	Gurnard Ledge	G	50 45.51	01 20.59	5K	Look Marine Insurance	Y	50 47.08	01 06.78
3M	(spare)				5L	(spare)			
3N	Quinnell	Y	50 47.07	01 19.88	5M	Gleeds	Y	50 46.16	01 06.39
3P	Party	Y	50 45.68	01 19.98	5N	Mary Rose	Y	50 45.80	01 06.20
3Q	EFG	Y	50 45.97	01 19.45	5P	Vail Williams	Y	50 46.51	01 05.98
3R	North East Gurnard	R	50 47.06	01 19.42	5Q	Outer Spit	YB	50 45.58	01 05.50
3S	Royal Thames	Y	50 47.81	01 19.25	5R	Horse Sand Buoy	G	50 45.53	01 05.27
3T	KMS	Y	50 46.10	01 18.87	5S	Saddle Buoy	G	50 45.20	01 04.98
3U	Gurnard	BY	50 46.22	01 18.84					
3V	West Bramble	YBY	50 47.20	01 18.65					
3W	Williams Shipping	Y	50 47.20	01 18.55					
3X	Island Sailing Club	Y	50 46.10	01 18.43					
3Y	West Knoll	Y	50 47.43	01 17.84					
3Z	Trinity House Buoy	Y	50 46.31	01 17.75					
30	RORC	Y	50 47.12	01 17.72					
31	South Bramble	G	50 46.98	01 17.72					
32	Snowden	Y	50 46.20	01 17.75					

Mark codes are in order by longitude from west to east, except that:
(a) Zone 2 is split into Mainland, Middle, and Island Side

Zone 6 Eastern Approaches				
<i>ID</i>	<i>Name</i>	<i>Colour</i>	<i>Lat N</i>	<i>Long W</i>
6A	No Man's Land Fort	B	50 44.40	01 05.70
6B	Horse Sand Fort	B	50 45.01	01 04.34
6C	Warner	R	50 43.87	01 03.99
6D	Horse Elbow	G	50 44.26	01 03.88
6E	West Princessa	YBY	50 40.16	01 03.65
6F	Bembridge Ledge Buoy	BYB	50 41.15	01 02.81
6G	St Helens Buoy	R	50 43.36	01 02.41
6H	Dean Elbow	G	50 43.69	01 01.88
6J	Nab East	R	50 42.86	01 00.80
6K	Horse Tail	G	50 43.23	01 00.23
6L	Winner	YB	50 45.10	01 00.10
6M	Nab End	R	50 42.63	00 59.49
6N	Dean Tail	G	50 42.99	00 59.17
6P	New Grounds	BYB	50 41.84	00 58.49
6Q	(<i>spare</i>)			
6R	Nab Tower	B	50 40.08	00 57.15
6S	Outer Nab No 2	BYB	50 38.43	00 57.70

Zone 7 Southampton Water				
7A	Gymp	R	50 53.07	01 24.16
7B	Hythe Knock	R	50 52.83	01 23.81
7C	No 1 Swinging	G	50 53.00	01 23.44
7D	Weston Shelf	G	50 52.71	01 23.26
7E	Hythe 5	Y	50 52.24	01 23.18
7F	Jib	Y	50 52.96	01 23.06
7G	Hythe 4	Y	50 52.19	01 23.10
7H	Moorhead	G	50 52.55	01 22.90
7J	Deans Elbow	R	50 52.20	01 22.85
7K	NW Netley	G	50 52.31	01 22.73
7L	(<i>spare</i>)			
7M	Bird Pile	R	50 51.72	01 22.33
7N	Royal Southampton	Y	50 51.76	01 22.28
7P	Hovercraft 3	Y	50 52.43	01 22.01
7Q	Netley	G	50 52.03	01 21.81
7R	Lains Lake	R	50 51.59	01 21.65
7S	Deans Lake	R	50 51.40	01 21.59
7T	Hovercraft 2	Y	50 52.21	01 21.58
7U	Hound	G	50 51.68	01 21.52
7V	Hovercraft 1	Y	50 51.99	01 21.16
7W	After Barn	G	50 51.53	01 20.82
7X	Hamblecliff	B	50 51.28	01 20.55
7Y	Cadland	R	50 51.02	01 20.54
7Z	Greenland	G	50 51.11	01 20.38
70	Cathead	Y	50 50.61	01 19.24
71	Mark	Y	50 49.56	01 18.94
72	Hamble Point	YB	50 50.15	01 18.66
73	Bald Head	G	50 49.80	01 18.07
74	Sposa	Y	50 49.66	01 17.59
75	Magazine	Y	50 52.83	01 23.98
76	Test	R	50 52.59	01 23.45
77	Fawley Deep	G	50 50.42	01 19.19

Mark codes are in order by longitude from west to east, except that:
(a) Zone 2 is split into Mainland, Middle, and Island Side
(b) any extra/new marks may be at the end of their Zones

Zones 8/9 Laid Marks and Local Marks				
<i>ID</i>	<i>Name</i>	<i>Colour</i>	<i>Lat N</i>	<i>Long W</i>
8A	Near Windward Laid Mark			
8B	Near Windward Spreader Mark			
8C	Leeward Laid Mark			
8D	Leeward Spreader Mark			
8E	Leeward Gate			
8F	Middle Gate			
8G	Wing Mark			
8H	Start Outer Distance Mark			
8J	Far Windward Mark			
8K	Far Windward Spreader Mark			
8L	Finish Outer Distance Mark			
8M				
8N				
8P				
8Q				
8R				
8S				
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