

**Royal Thames Yacht Club**

60 Knightsbridge, London SW1X 7LF

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**IRC Solent Series**

**Regatta No 7**

*for the*

**Royal Thames Trafalgar Cup**

**Saturday 16<sup>th</sup> August 2008**

*COMMODORE*

HRH The Duke of York CVO, ADC

*VICE COMMODORE*

John Stork, Esq.

*REAR COMMODORES*

Bernard Kinchin, Esq.

George Ehlers, Esq.

Michael Maher, Esq.

**CHIEF SAILING OFFICER**

Malcolm McKeag, Esq.

*Principal Race Officer for this event*

**Committee Boats**

Gemini Breeze

*36ft Offshore 105 white with white upperworks – callsign Thames Control*

*Windcheater (Mr and Mrs Richard Archer)*

*48ft Aqua Star TSDY blue topsides white upperworks*

*Thames Five (RTYC workboat)*

*27ft fast RIB workboat, blue tubes, white wheelhouse*

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HW Portsmouth 1204

All times in this programme are BST.

## SAILING INSTRUCTIONS

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### EXTRACT FROM NOTICE OF RACE

#### 12. Disclaimer of liability

- 12.1 A boat is entirely responsible for her own safety, whether afloat or ashore, and nothing, whether in the Notice of Series, Notice of Race, SIs or anywhere else, reduces this responsibility.
- 12.2 It is for the boat to decide whether she is fit to sail in the conditions in which she will find herself. By launching or going to sea, the boat confirms that she is fit for those conditions and her crew is competent to sail and compete in them.
- 12.3 The boat is required to hold adequate insurance and in particular to hold insurance against third party claims in the sum of at least £2 million per event.
- 12.4 Nothing done by the organisers can reduce the responsibility of the boat nor will it make the organisers responsible for any loss, damage, death or injury, however it may have occurred, as a result of the boat taking part in the racing. The organisers encompass everyone helping to run the racing and the event, and include the organising authority, the race committee, committee boat(s), the race officers and others.
- 12.5 The boat is responsible to ensure that she is equipped and seaworthy so as to be able to face extremes of weather; that there is a crew sufficient in number, experience and fitness to withstand such weather; and that the safety equipment is properly maintained, stowed and in date and that the crew knows how to use it.
- 12.6 The fact that the organisers or a race committee may inspect a boat does not reduce the responsibilities set out in this paragraph.

Useful numbers: VTS Southampton: 0238033 0022; Cowes Harbour Master 01983 293952; HM Coastguard 0239255 2100; RTYC CSO 07903 733888;

VHF VTS Southampton Ch12; Cowes Harbour Radio (ship movements in Cowes) Ch 69; Solent Coastguard Ch 67

#### 1 Rules

- 1.1 The regatta will be governed by 'the rules' as described in the Notice of Race previously issued, except as any of these are changed by these Sailing Instructions, and by these Sailing Instructions. In the event of conflict the Sailing Instructions shall prevail. This changes rule 63.7.

#### 2 Entries

- 2.1 Entries must have been lodged with the Royal Thames Yacht Club, 60 Knightsbridge or with SCRA (block entries to the series) before a boat ranks as a starter.

#### 3 Notices to Competitors and Changes to Sailing Instructions

- 3.1 Will be sent by email to the person and email address specified on the entry form.
- 3.2 After the Friday before the regatta changes to the Sailing Instructions may be made orally and broadcast on VHF72 before the warning signal of the first race to which the change will apply.
- 3.3 If there has been a change to the Sailing Instructions, the main committee boat will display flag L over the numeral pennant denoting the number of the latest change until after the start of the first race to which that change applies. This changes Race Signals. Boats that have not received all changes up to and including that number should contact the main committee boat on VHF 72. The main committee boat call sign is Thames Control.

## 4 Signals Made Ashore

4.1 Signals will not be made ashore.

## 5. Committee Boats - Location of Start

5.1 The Main Committee is planned to be the 36ft Offshore 105 motor craft Gemini Breeze, white hull with white upperworks displaying a large white flag with the letters Royal Thames YC Committee in red thereon. Beginning at 0900 on the morning of the race the main committee will broadcast on VHF 72 the intended location of the start and confirm the description of the boat being used as main committee boat. The race committee call sign is Thames Control. Other committee boats will be Wind Cheater (Mr & Mrs Richard Archer) 48ft blue Aqua Star TSDY displaying a red flag with the letters RTYC in white thereon and Thames 5, 8.4m fast workboat with blue tubes flying the RTYC burgee (blue with white St George's cross with red crown in centre).

## 6 Schedule of Races and Classes.

6.1 Classes are arranged in rating bands as follows:

Class 1: 1.100 - 1.360

Class 2: 1.040 – 1.099

Class 3: 1.000 – 1.039

Class 4: 0.930 – 0.999

Class 5: 0.820 – 0.929

The starts for Classes may be combined depending on the number and rating spread of entries. Each class or combined class start shall be termed a Race and given a number, and the composition of each race will be announced on VHF 72 on the day of racing, for example 'Race One is for Class XXXXX...'

6.2 Races are scheduled as follows:

*Race 1* Warning signal not before 1000

*Race 2* Start five minutes after Race 1 unless AP or F is displayed (see SI 12)

*Race 3* Start five minutes after Race 2 unless AP or F is displayed (see SI 12)  
*etc until all classes have been started*

A second race for each class or groups of classes, maintaining the groupings established for the first series of races in the day, will be started as soon as practicable after the finish of the first race for that group. However, depending on the duration of races for different classes or groups these races will not necessarily maintain the sequence established in the first group of races. For example, if Race Two (for, say, classes 3 and 4) finishes while Race 1 (for, say, classes 1 & 2) is still underway, the next race for classes 3 & 4 may be started without waiting for Race 1 to finish. Yachts as soon as they have finished their first race should proceed to or remain in the vicinity of the main committee boat and pay close attention to VHF. A third race for each class or group of classes may be held.

**7 Class Flags**

**7.1** The class flag for all yachts competing in IRC Solent Series 5 will be the IC numeral pennant appropriate to their Class as described in SI 6. To assist with identification yachts are asked to display IC flag Charlie (blue/.white/.red/.white/.blue horizontal bands) above their class flag on the backstay. Infringement of this SI shall not be grounds for a boat v boat protest. This changes rule 60.

**8 Racing Area**

**8.1** The racing area will be in The Solent between Sowley in the west and The Forts in the east. Notwithstanding these limits, it is the intention of the race committee to set the course as near to the Central Solent area as is practicable.

**9 COURSE**

**9.1** The course to be sailed by each class will use racing and navigational marks in the Solent and will be advised by VHF on Channel 72.

**10 Marks**

**10.1** The table of marks shown in Appendix 1 will be used. Marks will be announced using either the designated letter or numeral or, when no symbol is assigned, by the full name of that mark. Additional marks may be used and their positions announced on the day.

**11 Warning and Starting Signals, General Recalls, Individual Recalls, Broadcast of sail numbers.**

**11.1** The warning signal for each race shall be the IC Numeral pennant(s) appropriate to the class (or classes, if more than one class is starting together) due to start. This (or these) pennant(s) will in addition be displayed on a board in a frame mounted on the main committee boat at or before the warning signal, as an advisory of the classes starting next. (Note that during the starting sequence for a race, the board may be changed after the warning signal for that race to show the classes due to start in the next race.)

**11.2** Races will be started in accordance with rule 26. Times shall be taken from the visual signals: the failure of a sound signal shall be disregarded.

<b>Time to Start</b>	<b>Meaning</b>	<b>Signal</b>
5 minutes	Warning	IC Numeral(s) displayed, 1 sound
4 minutes	Preparatory	Flag P, I, Z , Z+I, or black flag, 1 sound
1 minute	One minute	Preparatory flag(s) removed, 1 long sound
0 minutes	Start	IC Numeral, 1 sound

**11.3** The starting line will be between a staff or mast displaying an orange flag on the main committee vessel at one end and the course side of an orange inflatable mark (the Outer Distance mark - ODM) at the other end.

**11.4** One or more marks may be laid close to the main committee vessel to act as protection for the main committee vessel. If such a mark is laid the starting mark is

defined as being contained by a line from the bow of the committee boat, around that mark to the stern of the committee boat. A boat that sails between the mark and the committee boat breaks rule 31, Touching a Mark..

**11.5** In the event of an Individual Recall, the sail numbers of boats OCS and still in breach of rule 29.1 or 30.1 if it applies may be announced on VHF 72. Sail numbers will not be announced until they have been verified by the race committee and the broadcast may not be immediate. The existence or otherwise and the timing and conduct of such a broadcast shall not be grounds for redress and nothing in this Sailing Instruction shall reduce the responsibility of a boat to comply with rules 29.1, 29.2 and 30.1 if it applies.

## **12 Attention Signal – Flag F**

**12.1** Flag F when displayed with one sound signal means ‘the warning signal will follow in 5 minutes’. Flag F will be removed with one sound signal one minute before the warning signal. Note that if AP is displayed, Flag F is displayed while AP is displayed, and the two removed together with one sound signal.

## **13 Change of Course after the Start**

**13.1** The course will not be changed after the start, although the race may be shortened at any mark in accordance with RRS Race Signals.

## **14 The Finish**

**14.1** Unless the course is shortened in accordance with rule 32 the finishing line will be between a staff or mast displaying an orange flag or shape on either the main committee boat at one end and the start line ODM at the other end; OR between a staff or mast with a blue flag on another committee boat and the nearby racing mark as described in the course announcement. Yachts finishing their first race at another committee boat should make their way back to the main committee boat as quickly as possible for their next start. A start will not be delayed for yachts that do not comply with this Sailing Instruction. Note that the finishing line may be shorter than the original starting line.

**14.2** If the protection mark described in 11.4 is used, 11.4 shall apply at the finish.

## **15 Penalty System**

**15.1** The scoring penalty in Rule 44.3 shall apply. Rule 44.2 shall not apply.

## **16 Time Limit**

**16.1** The time limit for the first boat to finish in any race shall be 1700. The race committee will not start a race that it does not believe cannot finish, or be properly shortened, by 1700. This changes rule 35.

## **17 Protests**

**17.1** Boats intending to protest shall inform the main committee boat by VHF Ch 72 or by hail as soon as possible after they finish the race concerned, and in no case later than 10 minutes after the finish of the last boat in the race. The information shall include the identity of all yachts being protested. The purpose of this SI is to give warning to the race committee that a protest hearing and committee will be needed.

**17.2** Protests will be heard at Royal Thames Yacht Club, 60 Knightsbridge, London beginning at 1800 on Wednesday 3<sup>rd</sup> September 2008. Protests shall be written on the forms prescribed by the National Authority and delivered to the race committee before 1800 on Monday 1<sup>st</sup> September. If it is not convenient for both parties to attend the hearing at the scheduled time every effort will be made to re-schedule the hearing to a more convenient time and place.

**18. Scoring System and Prizes**

18.1 The Low Point System as provided in RRS Appendix A shall apply save that there shall be no excluded worst score: all races sailed shall count. This changes A2.

18.2 The overall scores for this regatta shall accrue to a boat's score in the IRC Solent Championship. See the Notice of Race of the IRC Solent Series for details of scoring that series.

18.3 Class prizes depending upon the number of entries in each class will be awarded.

18.4 . **The Royal Thames Trafalgar Cup** will be awarded to the overall winner of the day's racing. In the event not all classes sail the same course, the overall winner will be calculated as follows:

1. The course distance for each class in each race will be determined by the race committee.
2. The course distances for all races for each class will be combined to give aggregate course distance.
3. The total course distance completed by each boat will be divided by the aggregate elapsed time for all races completed to give that boat's average speed for all races completed. (Course miles divided by elapsed time = average speed e.g. 30 miles / 3 hour = 10 Knots average speed.)
4. The longest aggregate course distance will be divided by each boat's average speed to give the time it would have taken each boat to do the long course(s) (e.g. 45 miles / 10 knots = 4.5 hours).
5. The longest aggregate course times will be multiplied by the boat's TCC to give aggregate corrected time.
6. The aggregate corrected times will be ranked in ascending order to give the overall finishing positions.
7. Points overall will be applied in the normal way.

Notes: Class results will be worked out in the usual way.

The race committee will endeavour to set courses for all classes with comparable amounts of beating, running and reaching but variations in these proportions between different courses and classes shall not be grounds for redress.

18.5 Class prizes will be awarded at the series prize-giving

18.6 The Royal Thames Trafalgar Cup will be presented at the Royal Thames Yacht Club annual Prizewinners' Dinner to be held in the Clubhouse, 60 Knightsbridge London SW1X 7LF on Tuesday 11<sup>th</sup> November 2008.

## **19 Radio Communication**

- 19.1 While racing a boat shall neither make radio transmissions nor receive radio communications not available to all boats. Radio transmissions include mobile phones, of whatever type.
- 19.2 Before, during and after racing, competitors should maintain watch on VHF Channel 72. The race committee may issue instructions or guidance from time to time concerning such matters as intended racing areas and starting times, signals displayed from the main committee boat, bearing and distance between marks, and changes to the order of starting.
- 19.3 Immediately before, during and immediately after racing competitors shall not transmit on VHF 72 other than in emergency or to report their retirement or to indicate their intention to lodge a protest. However, a yacht may without infringing rule 41 (Outside Help) request and receive repetition of information broadcast by the race committee, or be told whether or not a broadcast has been made.

Appendix 1 – Table of Marks is on the next page.

## APPENDIX 1

## List of Solent Marks - 2008

I/D	Mark	Colour	Lat N	Long W
01	Windward Laid Mark			
02	Finish Line			
03	Air Canada	Y	50 47.34	01 16.84
04	Aquaspec	O	50 45.43	01 25.89
05	Baxters	O	50 45.20	01 20.62
06	B & G	Y	50 48.46	01 15.72
07	Bembridge Ledge Buoy	BYB	50 41.15	01 02.81
08	Berthon	Y	50 44.20	01 29.22
09	Bob Kemp	Y	50 45.18	01 09.65
10	Bridge	YBY	50 39.63	01 36.88
11	Britanniaevents.co.uk	Y	50 48.63	01 16.65
12	Browndown	G	50 46.57	01 10.95
13	Burges Salmon	Y	50 47.31	01 12.10
14	Champagne Mumm	Y	50 45.64	01 23.12
15	Citymain	O	50 45.78	01 19.76
16	Coronation	Y	50 49.55	01 17.62
17	Craftinsure.com	Y	50 45.03	01 11.89
18	Cutter	Y	50 49.45	01 16.91
19	DAKS	Y	50 45.53	01 14.39
20	Dunford	Y	50 43.37	01 31.53
21	East Bramble	BYB	50 47.23	01 13.64
22	East Knoll	G	50 47.96	01 16.83
23	East Lepe	R	50 45.93	01 21.07
24	Echopilot	Y	50 42.86	01 32.47
25	eDigitalResearch	O	50 44.18	01 23.79
26	Elephant	Y	50 44.63	01 21.88
27	Fastnet Insurance	Y	50 47.66	01 13.65
28	Flying Fish	O	50 47.42	01 15.90
29	Gales HSB	Y	50 46.15	01 16.65
30	George Hotel	Y	50 42.89	01 29.49
31	Gilkicker	Y	50 46.26	01 08.76
32	Gleeds	Y	50 46.12	01 06.42
33	Gurnard	BY	50 46.22	01 18.84
34	Gurnard Ledge	G	50 45.51	01 20.59
35	Hamstead Ledge	G	50 43.77	01 26.18
36	Harwoods	Y	50 42.86	01 28.55
37	Hill Head	R	50 48.07	01 16.00
38	HW Corporate Finance	Y	50 49.18	01 15.71
39	Lepe Spit	YB	50 46.78	01 20.64
40	Lymington Bank	R	50 43.10	01 30.85
41	Mackley Construction	Y	50 46.16	01 13.09
42	Mother Bank	R	50 45.49	01 11.21
43	Murrays	Y	50 45.62	01 20.14
44	Nab Tower	B	50 40.08	00 57.15
45	Needles Fairway	RW	50 38.24	01 38.98

I/D	Mark	Colour	Lat N	Long W
46	Needles Lighthouse	RW	50 39.73	01 35.52
47	New Grounds	BYB	50 41.84	00 58.49
48	No Mans Land Fort	B	50 44.40	01 05.70
49	Norris	R	50 45.97	01 15.51
50	North East Gurnard	R	50 47.06	01 19.42
51	North East Ryde Middle	R	50 46.21	01 11.88
52	North East Shingles	BYB	50 41.96	01 33.41
53	North Head	G	50 42.69	01 35.52
54	North Ryde Middle	R	50 46.61	01 14.31
55	North Sturbridge	BY	50 45.33	01 08.23
56	Paul Jackson	Y	50 44.33	01 28.25
57	Peel Bank	R	50 45.49	01 13.34
58	Peters & May	Y	50 46.13	01 22.19
59	Poole Bar No.1	G	50 39.31	01 55.16
60	Prince Consort	BY	50 46.42	01 17.59
61	Quinnell	Y	50 47.07	01 19.88
62	Raymarine	Y	50 46.58	01 21.46
63	RNC & RAYC	Y	50 46.43	01 07.89
64	Royal Southern	O	50 48.88	01 15.57
65	Royal Thames	Y	50 47.81	01 19.25
66	RYA Yachtmaster	O	50 48.13	01 14.64
67	Sailtime	Y	50 44.35	01 06.50
68	Salt Mead	G	50 44.52	01 23.04
69	Skandia	Y	50 44. 83	01 26.09
70	Snowden	O	50 46.25	01 17.59
71	Solent Bank	R	50 44.23	01 27.37
72	South Bramble	G	50 46.98	01 17.72
73	South East Ryde Middle	YB	50 45.93	01 12.09
74	South Ryde Middle	G	50 46.13	01 14.16
75	South West Shingles	R	50 39.35	01 37.39
76	SP	Y	50 45.97	01 19.45
77	Stormforce Coaching	Y	50 49.21	01 17.46
78	Sunsail	Y	50 46.43	01 15.09
79	Trinity House Buoy	Y	50 46.31	01 17.75
80	Universal Marina	Y	50 47.33	01 14.59
81	Wadworth	Y	50 43.15	01 27.49
82	Warner	R	50 43.87	01 03.99
83	West Bramble	YBY	50 47.20	01 18.65
84	West Knoll	Y	50 47.43	01 17.84
85	West Lepe	R	50 45.24	01 24.09
86	West Ryde Middle	YBY	50 46.48	01 15.79
87	William	O	50 49.03	01 16.49
88	Williams Shipping	O	50 47.13	01 17.77
89	Winner	YB	50 45.10	01 00.10
90	Ynglinggirls.com	Y	50 45.11	01 27.34

**Chart Datum WGS84**

BYB – Black with Yellow band, YB – Yellow above Black, YBY – Yellow with Black band