

VOLVO DUN LAOGHAIRE REGATTA 2011  
7 - 10 JULY 2011



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# SAILING INSTRUCTIONS 2011



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# SAILING INSTRUCTIONS

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## GENERAL REGULATIONS (GR)

### GR1 ORGANISING AUTHORITY & RULES

- 1.1** The Organising Authority is Dublin Bay Regattas Limited a not-for profit company which is beneficially owned by the Dun Laoghaire Motor Yacht Club (DMYC), the National Yacht Club (NYC), the Royal Irish Yacht Club (RIYC) and the Royal St George Yacht Club (RSGYC).
- 1.2** The regatta will be governed by the rules as defined in The Racing Rules of Sailing.
- 1.3** The National Prescriptions to rules 5, 68, 86.3 and 88.2 shall apply.
- 1.4** Measurement or class classification protests may only be made on the first day of racing and thereafter only the Race Committee may protest. This changes rule 60.1.

- 1.5** ECHO handicaps may be revised during the regatta. Failure to revise a handicap will not be grounds for protest or redress. Revised handicaps will be published not later than 21.30hrs on the day prior to coming into effect, except that on the first day of the regatta revised handicaps will be posted not later than [1 hr] after close of registration.

### GR2 NOTICES TO COMPETITORS

Notices to Competitors will be posted on the Official Notice Board at the Race Office which will be situated at the Plaza adjacent to the Ferry Port Terminal.

## EMERGENCY PROCEDURES AFLOAT

If an incident occurs afloat during the Volvo Dun Laoghaire Regatta the following procedure should be followed:

Go to VHF Channel 16 and Broadcast the following (announcing 3 times):

- 1) MAYDAY if boat is in distress.
- 2) PAN PAN if boat requires outside assistance.
- 3) PAN PAN MEDICO if medical assistance is required.

In every case state:

The nature of the incident or injury.  
The name and position of your boat.  
For other difficulties call your course VHF channel and advise the Race Officer of your problem.

## GR3 CHANGES TO SAILING INSTRUCTIONS

Any change to the sailing instructions will be posted before 0930 on the day it will take effect, except any change to the scheduled times of races will be posted by 2100 on the day before it will take effect.

## GR4 SIGNALS MADE ASHORE

- 4.1** Signals made ashore will be displayed at the Race Office and may be repeated at the Dun Laoghaire Motor Yacht Club, the National Yacht Club, the Royal Irish Yacht Club, the Royal St. George Yacht Club and the Marina.
- 4.2**
- 4.3** When the flag AP is displayed ashore, '1 minute' is replaced with 'not less than 60 minutes' in the race signal AP.
- 4.4** When flag Y is displayed ashore, Rule 40 applies and all competitors shall wear personal floatation devices at all times while afloat. This changes rules Part 4 preamble. Adverse Weather: Flag 'L' displayed over class flag(s) will indicate that the scheduled races will not be as programmed. The start and the course will be advised

on the appropriate VHF Channel. The start may be from a committee vessel or from the hut positioned on the West Pier and the course will be sailed around fixed marks as shown on the chart on Appendix 4. The starting sequence will be published in an amendment to the Sailing Instructions not later than 1.5 hours before the first start time. This amends Race Signals.

## GR5 SCHEDULE OF RACES

- 5.1** Dates of racing are from Thursday 7th – Sunday 10th July 2011.
- 5.2** The schedule time for the warning signal for the first race each day is:
- Thursday 7th July 2011**  
1525: All Areas
- Friday 8th/Saturday 9th July 2011**  
1055: Howth Area  
1155: All other Areas
- Sunday 10th July 2011**  
1055: All Areas

	THURSDAY	FRIDAY	SATURDAY	SUNDAY
IRC 0 IRC 1 J109	SOUTH 1 RACE	HOWTH 2 RACES	NORTH 2 RACES	KILLINEY 1 RACE
SIGMA 33 BENETEAU 31.7 IRC 2	NORTH 1 RACE	SUTTON 2 RACES	KILLINEY 2 RACES	SOUTH 1 RACE
NON SPINNAKER 0 NON SPINNAKER 1 DOUBLE HANDED CLASS	KILLINEY 1 RACE	KILLINEY 2 RACES	HOWTH 2 RACES	NORTH 1 RACE
IRC 3 RUFFIAN 23 SHIPMAN	SOUTH BULL 1 RACE	SOUTH 2 RACES	SOUTH BULL 2 RACES	SUTTON 1 RACE
GLEN				NORTH 1 RACE
HOWTH 17		HOWTH/DL		HOWTH/DL
FLYING 15 SQUIB MERMAID	SCOTMANS 2 RACES	SOUTH BULL 2 RACES	SUTTON 2 RACES	SALTHILL 2 RACES
SB3	SUTTON 2 RACES	NORTH 3 RACES	SOUTH 3 RACES	SOUTH BULL 2 RACES
ETCHELL DRAGON		NORTH 3 RACES	SOUTH 3 RACES	SOUTH BULL 2 RACES
WAYFARER				SALTHILL 2 RACES
FIREBALL IDRA 14 LASER	SALTHILL 2 RACES	SALTHILL 3 RACES	SALTHILL 3 RACES	SCOTMANS 2 RACES
WATER WAG		HARBOUR 1 RACE	SCOTMANS 4 RACES	SCOTMANS 2 RACES

**5.3** Areas, Courses, Groups of Classes, Signal Vessels and Marks may be changed or substituted by the Race Committee.

**5.4** On the last scheduled day no warning signal will be made after 1400.

## **GR6 FLAGS**

**6.1** Class flags will be as indicated in the Area Sections.

**6.2** Class Flags shall be clearly displayed from the backstay of IRC 0, 1, 2, 3, Doublehanded and Non Spinnaker Class boats throughout the regatta, and shall be a minimum size of 6" in the hoist for flags and 12" in the fly for numeral pennants.

## **GR7 RACING AREAS**

**7.1** The racing area will be the waters off the East Coast of Ireland covered by Admiralty Charts numbers 1411, 1415, 1447 and 1468.

**7.2** The Chart of Dublin Bay (Appendix 4) and Howth (Page 9) shows the approximate location of the designated racing areas and the letters identifying the marks which will be broadcast when setting Fixed Mark Courses.

## **GR8 AREAS THAT ARE OBSTRUCTIONS**

**8.1** While racing all boats are prohibited from entering the No Go areas approaching Dublin Port (the area bounded by the following: Poolbeg Lighthouse, navigation marks 6, 4, Dublin Bay Buoy, navigation marks 1, 2, 3 and North Bull Lighthouse) and Dalkey Sound (as shown in Appendix 4) and Howth Sound (as shown on Howth Area chart on page 9).

**8.2** Boats should cross the Dublin Port Channel as near as possible at right angles to the channel near Buoy no.4 and ensure that they do not interfere with any commercial shipping.

## **GR9 PROTESTS & REQUESTS FOR REDRESS**

**9.1** Boats protesting shall notify and receive acknowledgement from the Race Committee on finishing.

**9.2** Protest forms are available at the Race Office on the Plaza. Protests and requests for redress or re-opening shall be delivered to the protest convenor's office adjacent to the Race Office within the appropriate time limit.

**9.3** For each Race Area, the protest time limit is 90 minutes after the last boat has finished the last race of the day, (60 minutes on the last day of the regatta). The same time limit applies to protests by the Race Committee about incidents they observe in the racing area and to requests for redress. This changes rules 61.3 and 62.2.

**9.4** Notices will be posted in the window of the protest convenor's office adjacent to the Race Office no later than 30 minutes after the protest time limit to inform competitors of hearings in which they are parties or named as witnesses.

**9.5** Notices of protests by the Race or Protest Committee will be posted in the window of the protest convenor's office adjacent to the Race Office to inform boats under rule 61.1(b).

**9.6** On the last scheduled day of racing a request for reopening a hearing shall be delivered:  
(a) within the protest time limit if the party requesting reopening was informed of the decision on the previous day.  
(b) no later than 30 minutes after the party requesting reopening was informed of the decision on that day.  
This changes rule 66.

**9.7** On the last scheduled day of racing a request for redress based on a Protest Committee decision shall be delivered no later than 30 minutes after the decision was posted. This changes rule 62.2.

## **9.8 Arbitration**

As an alternative to a full Protest hearing an Arbitration system may be used, particularly for rules of Part 2. When all parties to an incident who are present at the designated time agree, a protest may be decided by Arbitration. Such Arbitration shall replace the protest hearing required under rule 63. This system may only be used if before the hearing all parties present agree to accept the Arbitration Decision as final.

The Arbitrator shall decide if the protest is valid and whether to refer a protest to a full hearing. All parties shall have the opportunity of stating their case.

The Arbitrator shall have total discretion as to whether any witness be called. At any time during the hearing he may terminate the Arbitration and refer the incident to a full hearing by the Protest Committee; otherwise at the conclusion of the Arbitration he will reach a decision. Any party he finds to have infringed a rule shall not be disqualified but shall incur a 25% place penalty. No penalty shall result in a score which would exceed that of a disqualification. Application of a penalty shall not affect the place or score of other boats. Any decision will be final, however a request for re-opening may be made under rule 66 which shall be heard by the Protest Committee.

Disqualification shall result if any rule infringement is found when any party declines to accept Arbitration at the time it is offered and insists on a full Protest Hearing. This sailing instruction amends rule 63 and qualifies rule 64.1.

**9.9** Parties concerned in protests should identify themselves to the Protest Convenor and wait in the designated area adjacent to the Race Office.

**9.10** The Protest committee has discretion as to penalties for breaches of Sailing Instructions GR6.2, GR8, GR12, GR14, and GR16.

## **GR10 PENALTY SYSTEM**

Appendix P will apply.

## **GR11 SCORING & RESULTS**

**11.1** Two races are required to be completed to constitute a series.

**11.2** When fewer than 5 races have been completed, a boat's series score will be the total of her race scores.

**11.3** Results will be posted on the Results Board adjacent to the Race Office, on the Internet and may be available in the four yacht clubs.

## **GR12 SAFETY REGULATIONS & SAFETY**

**12.1** All boats shall comply with their Class Safety Regulations.

**12.2** All keelboats should have on board an operating VHF radio.

**12.3** A boat that retires from a race shall notify the Race Committee as soon as possible.

**12.4** It is recommended that all competitors wear Personal Flotation Devices when afloat.

## **GR13 EQUIPMENT & MEASUREMENT CHECKS**

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

## **GR14 ADVERTISING**

Boats shall display advertising supplied by the organizing authority in accordance with Regulation 20.3(d)(i) on the forward part of the hull. Boats shall affix this advertising in accordance with instructions issued with the advertising and ensure that it stays in place for the duration of the Regatta.

## **GR15 OFFICIAL BOATS**

Principal Committee Boats may display the Event Flag.

## **GR16 TRASH DISPOSAL**

As sailors, we seek to protect and restore our oceans and coastal waters. Boats shall not intentionally put trash in the water.

## **GR17 PRIZES**

**17.1** Prizes will be given as follows: Overall first, second and third prize will be awarded for the series for each class where there is an entry of ten or more starters.

**17.2** A prize will be awarded to the best boat in each class on each day. No boat will be awarded more than one day prize except if a boat has entered in IRC & ECHO when the boat may be awarded the IRC and ECHO prize. This applies for Beneteau 31.7 when a boat may be awarded the scratch, ECHO and IRC prize.

**17.3** Perpetual trophies may be awarded, at the discretion of the Organising Committee, to the Best Boat in each of the following categories: IRC (Volvo Trophy), One Design Keelboat and Dinghy/Small Keelboat.

**17.4** The Salamander Trophy provided by the Royal Dee Yacht Club may be presented, at the discretion of the committee, to the best Visiting Boat. The Dubarry Shamrock Trophy may be presented, at the discretion of the committee, to Boat of the Week.

**17.5** Individual classes may incorporate additional events or championships as part of the Regatta.

## **GR18 DISCLAIMER OF LIABILITY**

Competitors participate in the regatta entirely at their own risk. See rule 4, Decision to Race. The organizing authority will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the regatta.

## **GR19 INSURANCE**

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

# HOWTH AREA (H)

## FIXED MARK



**STARTING AREA:** In the vicinity of Rosbeg East Navigation Buoy (approx 53.20.90N & 06.04.50W)

**VHF CHANNEL:** 74 **RACE OFFICER:** David Lovegrove, IRO **SIGNAL VESSEL:** Displaying Black Dodger

### COURSE MARKS

**START & FINISH:** Starting and finishing marks may be either candy striped, dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type. **COURSE MARKS:** May be black inflatable marks and the Howth Yacht Club fixed marks as shown on the chart on page 9.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW HOWTH
<b>FRIDAY</b> 8th July 2 Races	1055	IRC 0 IRC 1 J109	ICF NUMERAL 0 ICF NUMERAL 1 ICF "J"	0517 3.9m 1758 3.6m
<b>SATURDAY</b> 9th July 2 Races	1055	NON-SPINNAKER 0 NON-SPINNAKER 1 DOUBLE HANDED	ICF NUMERAL 0 ICF NUMERAL 1 ICF NUMERAL 2	0619 3.7m 1905 3.5m

It should be noted that the tide on Friday and Saturday is such that boats, in the second race on the leg from Howth back to Dublin Bay, will be sailing against the tide. This factor, along with the wind direction/strength, will greatly determine the courses to be sailed.

## H1 NAVIGATIONAL INSTRUCTIONS

The following IALA navigational marks shall be left as follows:

- 1.1 Rosbeg East: With the exception of finishing at the Rosbeg East (see H5.9), always pass to the East.
- 1.2 Howth Mark: Always pass to the East. (NO GO area.)
- 1.3 Rowan Rocks Buoy: Always pass to the East. (NO GO area.)
- 1.4 Boats may at no time, while racing, make a passage through Howth Sound.
- 1.5 These buoys will not be listed on the courses to be displayed and shall always apply.

## H2 THE START

- 2.1 Races will be started by using rule 26 with the warning signal made 5 minutes before the starting signal.
- 2.2 The starting line will be between the red & white pole or the main mast on the signal vessel at the starboard end and the port-end starting mark.
- 2.3 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 2.4 A boat starting later than 4 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.
- 2.5 To alert boats that a sequence of races will begin soon an orange flag will be displayed with one sound signal for at least four minutes before a warning signal is displayed.

### H3 TIME LIMITS

IRC & ECHO: Boats will be timed up to 30 minutes after the second boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.

### H4 RACE NO. 1

#### 4.1 STARTING AREA

The starting area for Race No.1 will be North of the Channel into Dublin Port in the vicinity of Rosbeg East navigation buoy and may be broadcast on the designated VHF Channel for the course.

#### 4.2 COURSE

References and positions of the marks are shown on the chart on page 9.

**4.3** The course for Race 1 will be decided on the day of the race and displayed on a board on the signal vessel. The course will be broadcast on the designated VHF channel for the course.

**4.4** The Race Committee will broadcast the course to be sailed before the warning signal and it will be repeated before the start.

**4.5** The first mark on the course (for Race 1) shall be a large black inflatable mark approximately to windward of the starting line, which shall be passed to Port. From this mark, boats shall sail to a rounding mark (large black inflatable mark), which shall be left to port, thereafter boats shall round the marks in the order as displayed on the course board. (Note H1.1)

**4.6** Should the windward mark and the turning mark not be laid, a white flag will be displayed on the signal vessel. This being the case, boats shall round the marks in the order as displayed on the course board. (Note H1.1)

**4.7** Should the turning mark not be laid, a red flag will be flown on the signal vessel. This being the case, boats shall round the windward mark and then round the marks in the order as displayed on the course board. (Note H1.1)

#### 4.8 FINISHING LINE

The finishing line for Race 1, unless the course is shortened, will be approximately to windward of the last mark of the course.

**4.9** The finishing line will be between the red and white pole or/main mast of the finishing boat displaying a blue flag at the starboard end and the port end inflatable mark.

### H5 RACE NO. 2

#### 5.1 STARTING AREA

The Starting area for Race No.2 will be north of Howth Harbour and the position may be broadcast on the designated VHF Channel for the course. The start of Race No.2 will be as soon as possible after the finish of Race No.1 and may be from the same starting vessel as Race No.1.

#### 5.2 COURSE

References and positions of the marks are shown on the chart on page 9.

**5.3** The course for Race 2 will be decided on the day of the race and displayed on a board on the signal vessel. The course will be broadcast on the designated VHF channel for the course.

**5.4** The Race Committee will broadcast the course to be sailed before the warning signal and it will be repeated before the start.

**5.5** The first mark on the course (for Race 2) shall be a large black inflatable mark approximately to windward of the starting line, which shall be passed to Port. From this mark, boats shall round the marks in the order as displayed on the course board.

**5.6** Should the windward mark not be laid, a white flag will be displayed on the signal vessel. If this is the case, boats shall round the marks in the order as displayed on the course board.

**5.7** A gate will be positioned to the East of the HYC Stack (K) mark. The gate will be formed by a committee vessel, displaying IC Flag G and the Stack (K) mark. All boats shall pass through this gate when sailing the leg from the preceding mark of the course to the Rosbeg East IALA buoy.

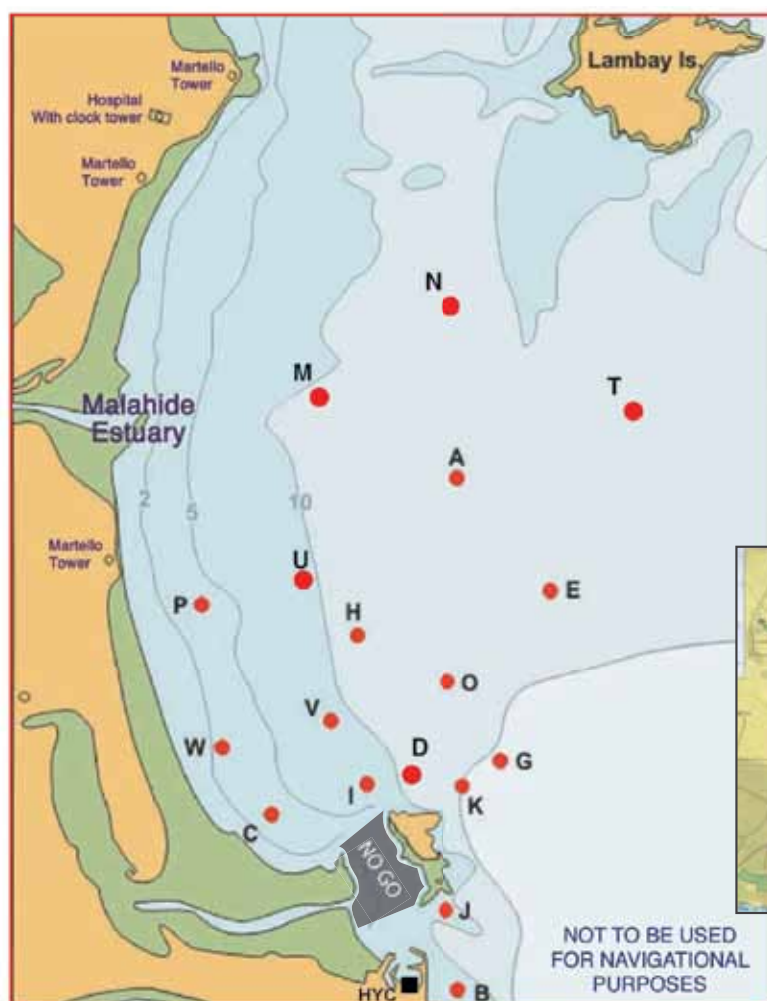
#### 5.8 FINISHING LINE

The finish line, unless the course is shortened, will be approximately to windward of the last mark (this could be the Rosbeg East IALA buoy) on the course.

**5.9** If the race is to be finished at the Rosbeg East buoy, the finishing boat will station itself to the West of the buoy and the finish line will be between the finishing boat at the West end and the Rosbeg East buoy at the East end.

**5.10** The finishing line will be between the red and white pole/main mast of the finishing boat displaying a blue flag and the finish mark.

# CHART OF HOWTH AREA MARKS



## HOWTH 17 RACE HOWTH TO DUN LAOGHAIRE FRIDAY 8TH JULY START 1100.

The course will be displayed on Howth Yacht Club's Official Notice Board. The start will be off Howth pier and The finishing line shall be in Dun Laoghaire Harbour between a Blue flag adjacent to the band stand on the east pier and the end of the Carlisle pier.

**NOTE:** Boats should listen out on CHANNEL 74 for any change of course.

## HOWTH 17 RACE DUN LAOGHAIRE TO HOWTH SUNDAY 10TH JULY START 1100

The course will be displayed on the regatta official notice board and repeated on the National YC notice board. The start will in Dun Laoghaire Harbour between a flag pole adjacent to the east pier and the end of the Carlisle pier. The finish shall be off Howth pier.

## APPROXIMATE POSITIONS OF MARKS

LETTER	MARK NAME	COLOUR	LATITUDE 53°N	LONGITUDE 06°W
A	APEX	BLACK	26.76	03.26
B	BALSCADDEN	ORANGE	23.30	03.26
C	CUSH	BLACK	24.50	05.44
D	DUNBO	YELLOW	24.73	03.85
E	EAST	BLACK	26.00	02.20
G	GARBH	BLACK	25.00	02.32
H	HUB	BLACK	25.71	04.43
I	ISLAND	BLACK	24.70	04.36
J	THULLA	BLACK	23.80	03.40
K	STACK	BLACK	24.60	03.11
M	MALAHIDE	BLACK	27.23	05.59
N	NORTH	BLACK	27.99	03.40
O	OSPREY	ORANGE	25.41	03.52
P	PORTMARNOCK	BLACK	25.89	06.30
T	TALBOT	BLACK	27.31	01.30
U	ULYSSES	ORANGE	26.22	04.97
V	VICEROY	ORANGE	25.12	04.78
W	WEST	BLACK	24.96	06.07
	ROSBEG EAST	IALA	21.02	03.45

# NORTH AREA (N)

WINDWARD/LEEWARD  
OR FIXED MARK



**STARTING AREA:** In the vicinity of New Ross (G) mark (approx 19.06N & 06.30W) **VHF CHANNEL:** 72  
**RACE OFFICER:** Alan Crosbie, IRO **SIGNAL VESSEL:** Displaying Yellow Dodger

## COURSE MARKS

**START & FINISH:** Starting and finishing marks may be either candy striped, dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type. **WINDWARD/LEEWARD:** The main course marks may be yellow inflatable marks, the replacement windward mark black and the wing mark a dan buoy type. **FIXED MARK:** The Chart in Appendix 4 indicates the letters of the conical and shaped racing marks. The approximate bearings are shown in Appendix 3.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
<b>THURSDAY</b> 7th July 1 Race	1525	SIGMA 33 BENETEAU 31.7 IRC 2	ICF "E" ICF NUMERAL 9 ICF NUMBER 2	1659 3.6m
<b>FRIDAY</b> 8th July 3 Races	1155	SB3 ETCHELL DRAGON	ICF "K" ICF "E" ICF "D"	1758 3.6m
<b>SATURDAY</b> 9th July 2 Races	1155	IRC 0 IRC 1 J109	ICF NUMERAL 0 ICF NUMERAL 1 ICF "J"	1903 3.6m
<b>SUNDAY</b> 10th July 1 Race	1055	NON-SPINNAKER 0 NON-SPINNAKER 1 DOUBLE HANDED GLEN	ICF NUMERAL 0 ICF NUMERAL 1 ICF NUMERAL 2 ICF "K"	2014 3.6m

## N1 THE START

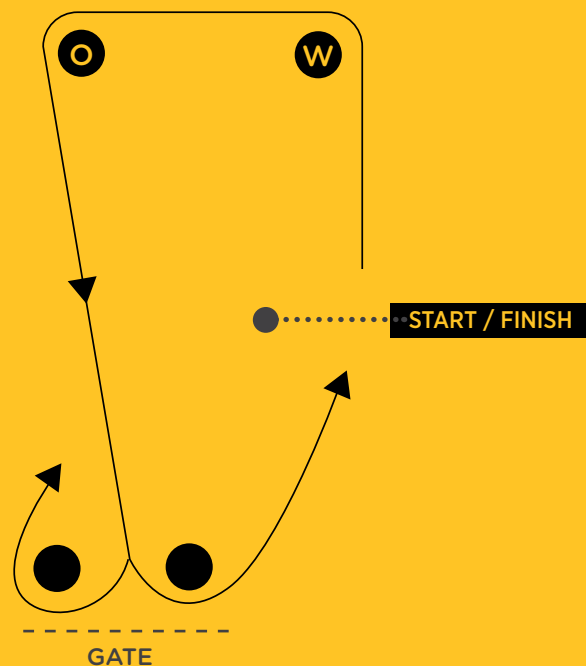
- 1.1** Races will be started by using rule 26 with the warning signal made 5 minutes before the starting signal.
- 1.2** The starting line will be between the red & white pole or the main mast on the signal vessel at the starboard end and the port-end starting mark.
- 1.3** Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 1.4** A boat starting later than 4 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.
- 1.5** To alert boats that a sequence of races will begin soon an orange flag will be displayed with one sound signal for at least four minutes before a warning signal is displayed.

# WINDWARD/ LEEWARD COURSE

## WINDWARD / LEEWARD NO OF ROUNDS

- 1 W - O - Gate - Finish
- 2 W - O - Gate - W - O - Gate - Finish
- 3 W - O - Gate - W - O - Gate - W - O - Gate - Finish
- 4 W - O - Gate - W - O - Gate - W - O - Gate - W - O - Gate - Finish

All marks to be rounded to port except  
when sailing through the Gate



NOT TO SCALE

## N2 WINDWARD / LEEWARD COURSE

- 2.1 The Diagram shows the course, the order in which marks are to be passed, the side on which each mark is to be left and the number of rounds.
- 2.2 To facilitate course adjustment the Race Committee may, after the start, lay a replacement windward (& offset) mark which will become the marks for the second and subsequent rounds. This mark may be black. Any such change of course will be signalled at the leeward gate.
- 2.3 The number of rounds to be sailed by each class will be shown on a number board displayed on the signal vessel from approximately 4 minutes before the start of each class to approximately 1 minute after the start of each class and it may be broadcast on the designated VHF channel for the course. This changes rule 27.1.
- 2.4 No later than the warning signal the signal vessel may display the approximate compass bearing of the first leg.
- 2.5 While every effort will be made to lay a leeward gate. In the event where this is not possible a single mark will be laid as the leeward mark and this mark shall be rounded to port.
- 2.6 Shortened Course: As per rule 32 (Shortened Course) if a race committee boat is positioned at a mark and is displaying ICF 'V' with sound signals then all boats shall sail from that mark directly to the finishing line and finish by crossing the line from the direction of the last mark. This is an addition to Rule 32.

## N3 CHANGE OF THE NEXT LEG OF THE COURSE

The Race Committee may make other minor adjustments to the course without indicating a change of course. This changes rule 33.

## N4 THE FINISH

The finishing line will be between a staff or main mast on a finishing vessel displaying a blue flag at the starboard end and the port-end finishing mark.

## N5 TIME LIMITS

- 5.1 One-Design Keelboats: Boats will be timed up to 20 minutes after the first boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.
- 5.2 IRC & ECHO: Boats will be timed up to 30 minutes after the second boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4.

## N6 FIXED MARK COURSE

- 6.1 When Flag "F" is displayed a fixed mark course will be set.
- 6.2 The course will be sailed around fixed marks as shown on the chart in Appendix 4.
- 6.3 The order in which the marks are to be rounded and on which hand will be broadcast on the designated VHF Channel for the course and be displayed on a board on the signal vessel.
- 6.4 The Race Committee will broadcast the course to be sailed before the warning signal and it will be repeated before the start of each class.
- 6.5 The finish will be at the last mark of the course or at a finish line that will be to windward of the last mark of the course.

# SOUTH AREA (S)

WINDWARD/LEEWARD  
OR FIXED MARK



**STARTING AREA:** In the vicinity of East Mark (S) (approx 53.18.00N & 06.05.65W) **VHF CHANNEL:** 77 **RACE OFFICER:** Jack Roy, IRO (Thurs & Sun) Con Murphy, IRO (Fri & Sat) **SIGNAL VESSEL:** Displaying Green Dodger

## COURSE MARKS

**START & FINISH:** Starting and finishing marks may be either candy striped, dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type. **WINDWARD/LEEWARD:** The main course marks may be orange inflatable marks, the replacement windward mark black and the wing mark a dan buoy type. **FIXED MARK:** The Chart in Appendix 4 indicates the letters of the conical and shaped racing marks. The approximate bearings are shown in Appendix 3.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
<b>THURSDAY</b> 7th July 1 Race	1525	IRC 0 IRC 1 J109	ICF NUMERAL 0 ICF NUMERAL 1 ICF "J"	1659 3.8m
<b>FRIDAY</b> 8th July 2 Races	1155	IRC 3 RUFFIAN 23 SHIPMAN GLEN	ICF NUMERAL 3 ICF "U" ICF "W" ICF "K"	1758 3.7m
<b>SATURDAY</b> 9th July 3 Races	1155	SB3 ETCHELL DRAGON	ICF "K" ICF "E" ICF "D"	1903 3.6m
<b>SUNDAY</b> 10th July 1 Race	1055	SIGMA 33 BENETEAU 31.7 IRC 2	ICF "E" ICF NUMERAL 9 ICF NUMERAL 2	2014 3.6m

## S1 THE START

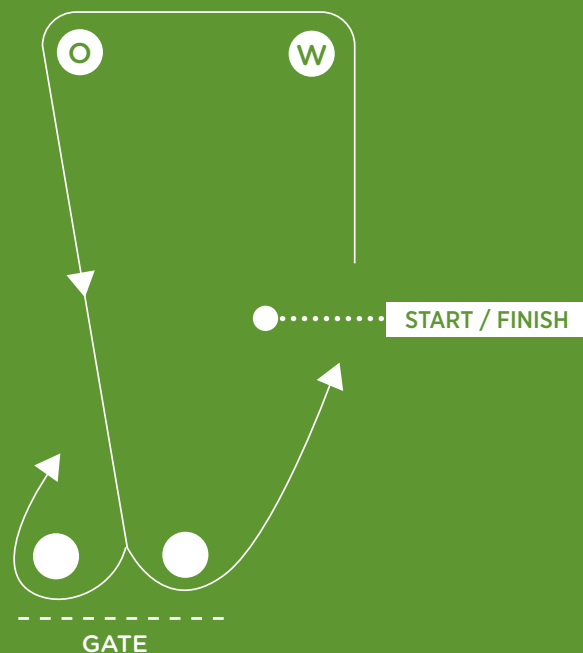
- 1.1 Races will be started by using rule 26 with the warning signal made 5 minutes before the starting signal.
- 1.2 The starting line will be between the red & white pole or the main mast on the signal vessel at the starboard end and the port-end starting mark.
- 1.3 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 1.4 A boat starting later than 4 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.
- 1.5 To alert boats that a sequence of races will begin soon an orange flag will be displayed with one sound signal for at least four minutes before a warning signal is displayed.

# WINDWARD/ LEEWARD COURSE

## WINDWARD / LEEWARD NO OF ROUNDS

- 1 W - O - Gate - Finish
- 2 W - O - Gate - W - O - Gate - Finish
- 3 W - O - Gate - W - O - Gate - W - O - Gate - Finish
- 4 W - O - Gate - W - O - Gate - W - O - Gate - W - O - Gate - Finish

All marks to be rounded to port except when sailing through the Gate



NOT TO SCALE

## S2 WINDWARD / LEEWARD COURSE

- 2.1 The Diagram shows the course, the order in which marks are to be passed, the side on which each mark is to be left and the number of rounds.
- 2.2 To facilitate course adjustment the Race Committee may, after the start, lay a replacement windward (& offset) mark which will become the marks for the second and subsequent rounds. This mark may be black. Any such change of course will be signalled at the leeward gate.
- 2.3 The number of rounds to be sailed by each class will be shown on a number board displayed on the signal vessel from approximately 4 minutes before the start of each class to approximately 1 minute after the start of each class and it may be broadcast on the designated VHF channel for the course. This changes rule 27.1.
- 2.4 No later than the warning signal the signal vessel may display the approximate compass bearing of the first leg.
- 2.5 While every effort will be made to lay a leeward gate. In the event where this is not possible a single mark will be laid as the leeward mark and this mark shall be rounded to port.
- 2.6 Shortened Course: As per rule 32 (Shortened Course) if a race committee boat is positioned at a mark and is displaying ICF 'V' with sound signals then all boats shall sail from that mark directly to the finishing line and finish by crossing the line from the direction of the last mark. This is an addition to Rule 32.

## S3 CHANGE OF THE NEXT LEG OF THE COURSE

The Race Committee may make other minor adjustments to the course without indicating a change of course. This changes rule 33.

## S4 THE FINISH

The finishing line will be between a staff or main mast on a finishing vessel displaying a blue flag at the starboard end and the port-end finishing mark.

## S5 TIME LIMITS

- 5.1 One-Design Keelboats: Boats will be timed up to 20 minutes after the first boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.
- 5.2 IRC & ECHO: Boats will be timed up to 30 minutes after the second boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.

## S6 FIXED MARK COURSE

- 6.1 When Flag "F" is displayed a fixed mark course will be set.
- 6.2 The course will be sailed around fixed marks as shown on the chart in Appendix 4.
- 6.3 The order in which the marks are to be rounded and on which hand will be broadcast on the designated VHF Channel for the course and be displayed on a board on the signal vessel.
- 6.4 The Race Committee will broadcast the course to be sailed before the warning signal and it will be repeated before the start of each class.
- 6.5 The finish will be at the last mark of the course or at a finish line that will be to windward of the last mark of the course.

# KILLINEY (K)

WINDWARD/LEEWARD,  
OLYMPIC, FIXED MARK OR COASTAL



**STARTING AREA:** THURSDAY - In the vicinity of Scotsmans Bay. FRIDAY / SATURDAY / SUNDAY - Killiney Bay  
**VHF CHANNEL:** 73 **RACE OFFICER:** Peter Crowley, IRO **SIGNAL VESSEL:** Displaying Grey Dodger

## COURSE MARKS

**START & FINISH:** Starting and finishing marks may be either candy striped, dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type. **WINDWARD/LEEWARD:** The main course marks may be yellow inflatable marks, the replacement windward mark black and the wing mark a dan buoy type. **FIXED MARK:** The Chart in Appendix 4 indicates the letters of the conical and shaped racing marks. The approximate bearings are shown in Appendix 3.

DAY & DATE	WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
<b>THURSDAY</b> 7th July 1 Race	1525	NON-SPINNAKER 0 NON-SPINNAKER 1 DOUBLE HANDED	ICF NUMERAL 0 ICF NUMERAL 1 ICF NUMERAL 2	1659 3.8m
<b>FRIDAY</b> 8th July 2 Races	1155	NON-SPINNAKER 0 NON-SPINNAKER 1 DOUBLE HANDED	ICF NUMERAL 0 ICF NUMERAL 1 ICF NUMERAL 2	1758 3.7m
<b>SATURDAY</b> 9th July 2 Races	1155	SIGMA 33 BENETEAU 31.7 IRC 2	ICF "E" ICF NUMERAL 9 ICF NUMERAL 2	1903 3.6m
<b>SUNDAY</b> 10th July 1 Race	1055	IRC 0 IRC 1 J109	ICF NUMERAL 0 ICF NUMERAL 1 ICF "J"	2014 3.6m

## K1 THE START

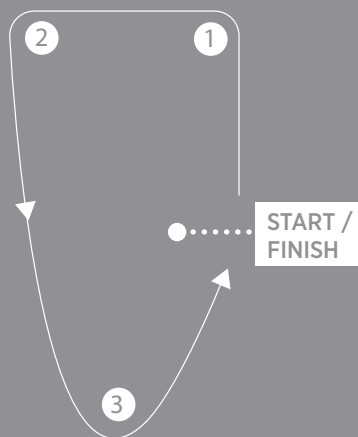
- 1.1 The signal vessel on **Thursday 7th July** will be in the vicinity of Scotsmans Bay and the position may be broadcast on the designated VHF Channel for the course. On **Friday/Saturday/Sunday** the signal vessel will be situated in Killiney Bay.
- 1.2 Races will be started by using rule 26 with the warning signal made 5 minutes before the starting signal.
- 1.3 The starting line will be between the red & white pole or the main mast on the signal vessel at the starboard end and the port-end starting mark.
- 1.4 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 1.5 A boat starting later than 4 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.

- 1.6 To alert boats that a sequence of races will begin soon an orange flag will be displayed with one sound signal for at least four minutes before a warning signal is displayed.

## K2 WINDWARD / LEEWARD COURSE

- 2.1 Flag "T" will indicate windward/leeward course (diagram No.1) and Flag "O" will indicate Olympic course (diagram No.2). When Flag "F" is displayed a fixed mark course will be set.
- 2.2 Diagrams No.1 and No.2 show the course, the order in which marks are to be passed, the side on which each mark is to be left and the number of rounds.
- 2.3 To facilitate course adjustment the Race Committee may, after the start, lay a replacement windward (& offset) mark which will become the marks for the second and subsequent rounds. This mark may be black. Any such change of course will be signalled at the leeward gate.

## DIAGRAM 1: WINDWARD/ LEEWARD



### WINDWARD / LEEWARD

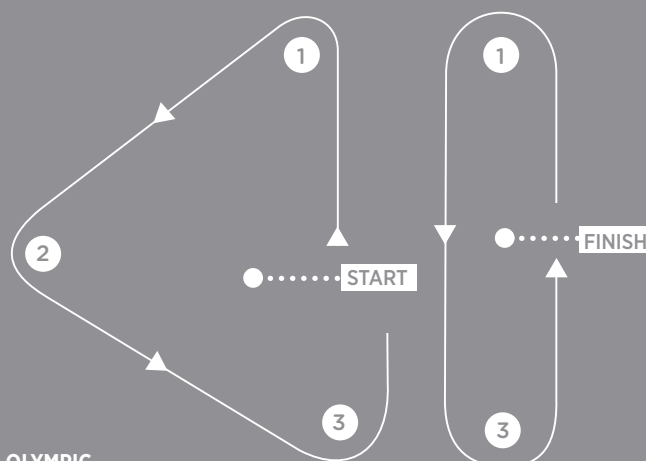
#### NO OF ROUNDS

- 1 1 - 2 - 3 - Finish
- 2 1 - 2 - 3 - 1 - 2 - 3 - Finish
- 3 1 - 2 - 3 - 1 - 2 - 3 - 1 - 2 - 3 - Finish
- 4 1 - 2 - 3 - 1 - 2 - 3 - 1 - 2 - 3 - 1 - 2 - 3 - Finish

(Note: Scotsman's Bay finish option K2.8.)

All marks to be rounded to port.

## DIAGRAM 2: OLYMPIC



### OLYMPIC

#### NO OF ROUNDS

- 1 1 - 2 - 3 - Finish
- 2 1 - 2 - 3 - 1 - 3 - Finish
- 3 1 - 2 - 3 - 1 - 3 - 1 - 2 - 3 - Finish
- 4 1 - 2 - 3 - 1 - 3 - 1 - 2 - 3 - 1 - 3 - Finish

(Note: Scotsman's Bay finish option K2.8.)

All marks to be rounded to port.

NOT TO SCALE

**2.4** The number of rounds to be sailed by each class will be shown on a number board displayed on the signal vessel from approximately 4 minutes before the start of each class to approximately 1 minute after the start of each class and it may be broadcast on the designated VHF channel for the course. This changes rule 27.1.

**2.5** No later than the warning signal the signal vessel may display the approximate compass bearing of the first leg.

**2.6** While every effort will be made to lay a leeward gate. In the event where this is not possible a single mark will be laid as the leeward mark and this mark shall be rounded to port.

**2.7** Shortened Course: As per rule 32 (Shortened Course) if a race committee boat is positioned at a mark and is displaying ICF 'V' with sound signals then all boats shall sail from that mark directly to the finishing line and finish by crossing the line from the direction of the last mark. This is an addition to Rule 32.

### **2.8 Friday/Saturday/Sunday Scotsmans Bay Finish**

A white flag displayed on the signal vessel at the start indicates that the race will be extended to a finishing line in the area of Scotsmans Bay. On completing the final round of the course (windward leeward or olympic), boats shall sail from the leeward mark to the finishing line (in the vicinity of Scotsmans Bay) leaving the Muglins Mark (MS) to port. The approximate location and bearing of the finishing line from the Muglins Mark may be broadcast on the designated VHF channel for the course.

## **K3 CHANGE OF THE NEXT LEG OF THE COURSE**

The Race Committee may make other minor adjustments to the course without indicating a change of course. This changes rule 33.

## **K4 THE FINISH**

The finishing line will be between a staff or main mast on a finishing vessel displaying a blue flag at the starboard end and the port-end finishing mark. **Note: Scotsman's Bay finish may apply as per K2.8 above.**

## **K5 TIME LIMITS**

**5.1** One-Design Keelboats: Boats will be timed up to 30 minutes after the first boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.

**5.2** IRC & ECHO: Boats will be timed up to 30 minutes after the second boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.

## **K6 FIXED MARK COURSE**

**6.1** When Flag "F" is displayed a fixed mark course will be set.

**6.2** The course will be sailed around fixed marks as shown on the chart in Appendix 4.

**6.3** The order in which the marks are to be rounded and on which hand will be broadcast on the designated VHF Channel for the course and be displayed on a board on the signal vessel.

**6.4** The Race Committee will broadcast the course to be sailed at the warning signal and it will be repeated before the start of each class.

**6.5** The finish will be at the last mark of the course or at a finish line that will be to windward of the last mark of the course.

# SUTTON AREA (ST)

WINDWARD/LEEWARD



**STARTING AREA:** North of Dublin Port Channel (approx 53.21.00N & 06.05.60W) **VHF CHANNEL:** 68  
**RACE OFFICER:** David Lovegrove, IRO/Jack Roy, IRO **SIGNAL VESSEL:** Displaying Red Dodger

## COURSE MARKS

**START & FINISH:** Starting and finishing marks may be either candy striped, dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type. **WINDWARD/LEEWARD:** The main course marks may be orange inflatable marks, the replacement windward mark black and the wing mark a dan buoy type.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
<b>THURSDAY</b> 7th July 2 Races	1525	SB3	ICF "K"	1659 3.8m
<b>FRIDAY</b> 8th July 2 Races	1155	SIGMA 33 BENETEAU 31.7 IRC 2	ICF "E" ICF NUMERAL 9 ICF NUMERAL 2	1758 3.7m
<b>SATURDAY</b> 9th July 2 Races	1155	FLYING 15 SQUIB MERMAID	NAVAL NUMERAL 6 ICF "G" ICF "W"	1903 3.6m
<b>SUNDAY</b> 10th July 1 Race	1055	IRC 3 RUFFIAN 23 SHIPMAN	ICF NUMERAL 3 ICF "U" ICF "W"	2014 3.6m

## ST1 THE START

- 1.1 Races will be started by using rule 26 with the warning signal made 5 minutes before the starting signal or committee vessel.
- 1.2 The starting line will be between the red & white pole or the main mast on the signal vessel at the starboard end and the port-end starting mark.

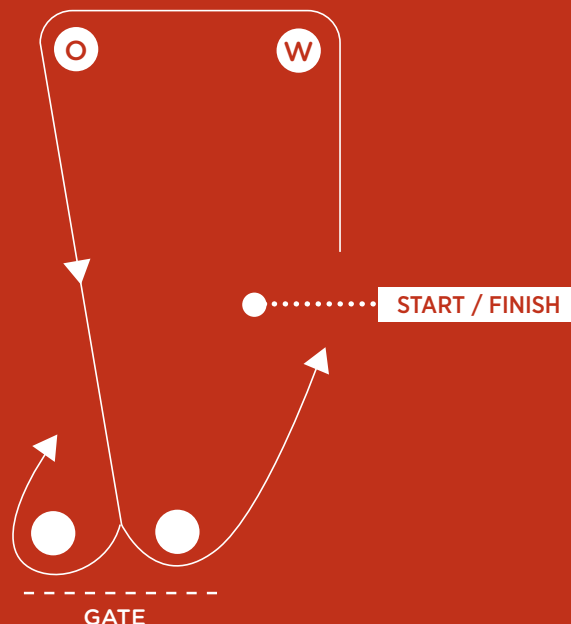
- 1.3 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 1.4 A boat starting later than 4 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.
- 1.5 To alert boats that a sequence of races will begin soon an orange flag will be displayed with one sound signal for at least four minutes before a warning signal is displayed.

# WINDWARD/ LEEWARD COURSE

## WINDWARD / LEEWARD NO OF ROUNDS

- 1 W - O - Gate - Finish
- 2 W - O - Gate - W - O - Gate - Finish
- 3 W - O - Gate - W - O - Gate - W - O - Gate - Finish
- 4 W - O - Gate - W - O - Gate - W - O - Gate - W - O - Gate - Finish

All marks to be rounded to port except  
when sailing through the Gate



NOT TO SCALE

## ST2 WINDWARD / LEEWARD COURSE

- 2.1 The diagram shows the course, the order in which marks are to be passed, the side on which each mark is to be left and the number of rounds.
- 2.2 To facilitate course adjustment the Race Committee may, after the start, lay a replacement windward (& offset) mark which will become the marks for the second and subsequent rounds. This mark may be black. Any such change of course will be signalled at the leeward gate.
- 2.3 The number of rounds to be sailed by each class will be shown on a number board displayed on the signal vessel from approximately 4 minutes before the start of each class to approximately 1 minute after the start of each class and it may be broadcast on the designated VHF channel for the course. This changes rule 27.1.
- 2.4 No later than the warning signal the signal vessel may display the approximate compass bearing of the first leg.
- 2.5 While every effort will be made to lay a leeward gate. In the event where this is not possible a single mark will be laid as the leeward mark and this mark shall be rounded to port.
- 2.6 Shortened Course: As per rule 32 (Shortened Course) if a race committee boat is positioned at a mark and is displaying ICF 'V' with sound signals then all boats shall sail from that mark directly to the finishing line and finish by crossing the line from the direction of the last mark. This is an addition to Rule 32.

## ST3 CHANGE OF THE NEXT LEG OF THE COURSE

The Race Committee may make other minor adjustments to the course without indicating a change of course. This changes rule 33.

## ST4 THE FINISH

The finishing line will be between a red and white pole or main mast on a finishing vessel displaying a blue flag at the starboard end and the port-end finishing mark.

## ST5 TIME LIMITS

- 5.1 One-Design Keelboats: Boats will be timed up to 20 minutes after the first boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.
- 5.2 IRC & ECHO: Boats will be timed up to 30 minutes after the second boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.

# SOUTH BULL AREA (SB)

WINDWARD/LEEWARD  
OR OLYMPIC



**STARTING AREA:** In the vicinity of South Bull Mark (D) (approx 53.19.65N & 06.08.00W) **VHF CHANNEL:** 69  
**RACE OFFICER:** Henry Leonard, NRO **SIGNAL VESSEL:** Displaying Blue Dodger

## COURSE MARKS

**START & FINISH:** Starting and finishing marks may be either candy striped, dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type. **WINDWARD/LEEWARD OR OLYMPIC:** The main course marks may be yellow inflatable marks, the replacement windward mark black and the wing mark a dan buoy type.

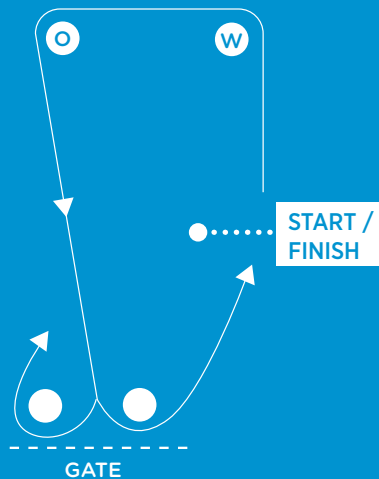
DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
<b>THURSDAY</b> 7th July 1 Race	1525	IRC 3 RUFFIAN 23 SHIPMAN GLEN	ICF NUMERAL 3 ICF "U" ICF "W" ICF "K"	1659 3.6m
<b>FRIDAY</b> 8th July 2 Races	1155	FLYING 15 SQUIB MERMAID	NAVAL NUMERAL 6 ICF "G" ICF "W"	1758 3.6m
<b>SATURDAY</b> 9th July 2 Races	1155	IRC 3 RUFFIAN 23 SHIPMAN GLEN HOWTH 17	ICF NUMERAL 3 ICF "U" ICF "W" ICF "K" ICF "C"	1453 3.6m
<b>SUNDAY</b> 10th July 2 Races	1055	SB3 ETCHELL DRAGON	ICF "K" ICF "E" ICF "D"	2014 3.6m

## SB1 THE START

- 1.1 Races will be started by using rule 26 with the warning signal made 5 minutes before the starting signal.
- 1.2 The starting line will be between the red & white pole or the main mast on the signal vessel at the starboard end and the port-end starting mark.

- 1.3 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 1.4 A boat starting later than 4 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.
- 1.5 To alert boats that a sequence of races will begin soon an orange flag will be displayed with one sound signal for at least four minutes before a warning signal is displayed.

## DIAGRAM 1: WINDWARD/ LEEWARD



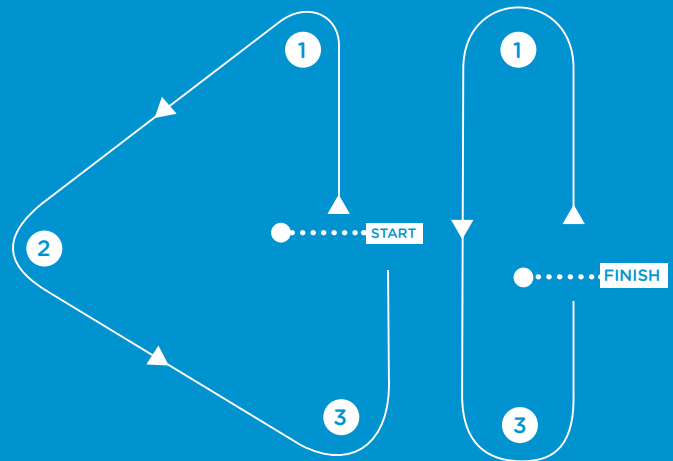
### WINDWARD / LEEWARD

#### NO OF ROUNDS

- 1 W - O - Gate - Finish
- 2 W - O - Gate - W - O - Gate - Finish
- 3 W - O - Gate - W - O - Gate - W - O - Gate - Finish
- 4 W - O - Gate - W - O - Gate - W - O - Gate - W - O - Gate - Finish

All marks to be rounded to port except when sailing through the Gate

## DIAGRAM 2: OLYMPIC



### OLYMPIC

#### NO OF ROUNDS

- 1 1 - 2 - 3 - Finish
- 2 1 - 2 - 3 - 1 - 3 - Finish
- 3 1 - 2 - 3 - 1 - 3 - 1 - 2 - 3 - Finish
- 4 1 - 2 - 3 - 1 - 3 - 1 - 2 - 3 - 1 - 3 - Finish

All marks to be rounded to port

NOT TO SCALE

## SB2 COURSES

- 2.1 Flag "T" will indicate windward/leeward course (diagram No.1) and Flag "O" will indicate Olympic course (diagram No.2).
- 2.2 Diagrams 1 and 2 show the course diagrams, the order in which marks are to be passed, the side on which each mark is to be left and the number of rounds.
- 2.3 To facilitate course adjustment the Race Committee may, after the start, lay a replacement windward (& offset) mark which will become the marks for the second and subsequent rounds. This mark may be black. Any such change of course will be signalled at the leeward gate.
- 2.4 The number of rounds to be sailed by each class will be shown on a number board displayed on the signal vessel from approximately 4 minutes before the start of each class to approximately 1 minute after the start of each class and it may be broadcast on the designated VHF channel for the course. This changes rule 27.1.
- 2.5 No later than the warning signal, the signal vessel may display the approximate compass bearing of the first leg.
- 2.6 While every effort will be made to lay a leeward gate. In the event where this is not possible a single mark will be laid as the leeward mark and this mark shall be rounded to port.

- 2.7 Shortened Course: As per rule 32 (Shortened Course) if a race committee boat is positioned at a mark and is displaying ICF 'V' with sound signals then all boats shall sail from that mark directly to the finishing line and finish by crossing the line from the direction of the last mark. This is an addition to Rule 32.

## SB3 CHANGE OF THE NEXT LEG OF THE COURSE

The Race Committee may make other minor adjustments to the course without indicating a change of course. This changes rule 33.

## SB4 THE FINISH

The finishing line will be between a staff or main mast on a finishing vessel displaying a blue flag at the starboard end and the port-end finishing mark.

## SB5 TIME LIMITS

- 5.1 One-Design Keelboats: Boats will be timed up to 20 minutes after the first boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.
- 5.2 IRC & ECHO: Boats will be timed up to 30 minutes after the second boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.

# SALTHILL AREA (SH) OLYMPIC



**STARTING AREA:** In the vicinity of Salthill Mark (A) (approx 53.18.65N & 06.08.70W) **VHF CHANNEL:** 71  
**RACE OFFICER:** Harry Gallagher, NRO **SIGNAL VESSEL:** Displaying Orange Dodger.

## COURSE MARKS

**START & FINISH:** Starting and finishing marks may be either candy striped, dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type. **OLYMPIC:** May be orange tetra inflatable marks.

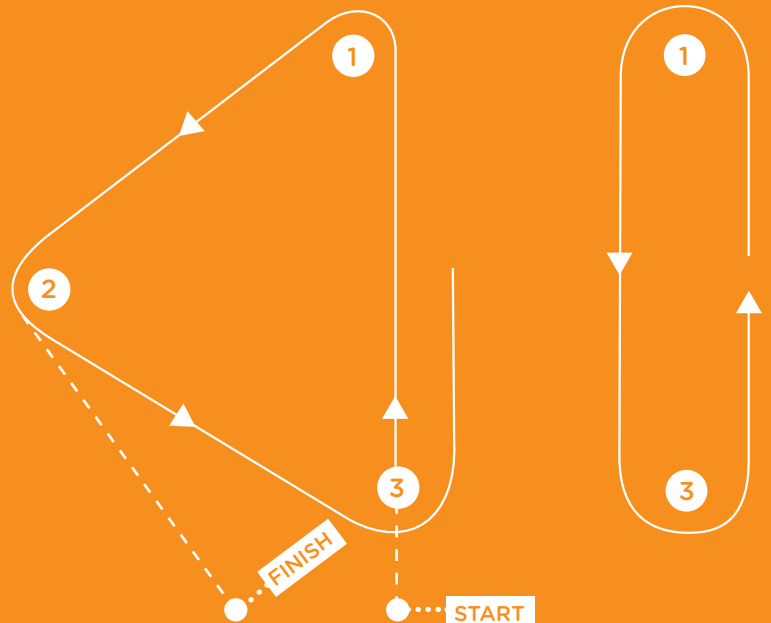
DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	FLAG	HW DUN LAOGHAIRE
<b>THURSDAY</b> 7th July 2 Races	1525	WAYFARER FIREBALL IDRA 14 LASER	ICF "E" ICF "F" ICF "Q" CLASS FLAG	1659 3.8m
<b>FRIDAY</b> 8th July 3 Races	1155	WAYFARER FIREBALL IDRA 14 LASER	ICF "E" ICF "F" ICF "Q" CLASS FLAG	1758 3.7m
<b>SATURDAY</b> 9th July 3 Races	1155	WAYFARER FIREBALL IDRA 14 LASER	ICF "E" ICF "F" ICF "Q" CLASS FLAG	1903 3.6m
<b>SUNDAY</b> 10th July 2 Races	1055	WAYFARER FLYING 15 SQUIB MERMAID	ICF "E" NAVAL NUM 6 ICF "G" ICF "W"	2014 3.6m

# OLYMPIC COURSE

## OLYMPIC NO OF ROUNDS

- 1 Start - 1 - 2 - Finish
- 2 Start - 1 - 2 - 3 - 1 - 2 - Finish
- 3 Start - 1 - 2 - 3 - 1 - 3 - 1 - 2 - Finish
- 4 Start - 1 - 2 - 3 - 1 - 3 - 1 - 2 - 3 - 1 - 2 - Finish

All marks to be rounded to port



## SH1 THE START

- 1.1 Races will be started by using rule 26 with the warning signal made 5 minutes before the starting signal.
- 1.2 The starting line will be between the red & white pole or the main mast on the signal vessel at the starboard end and the port-end starting mark.
- 1.3 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 1.4 A boat starting later than 4 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.
- 1.5 To alert boats that a sequence of races will begin soon an orange flag will be displayed with one sound signal for at least four minutes before a warning signal is displayed.

## SH2 COURSE

- 2.1 The diagram shows the course, the order in which marks are to be passed, the side on which each mark is to be left and the number of rounds.
- 2.2 The number of rounds to be sailed by each class will be shown on a number board displayed on the signal vessel from approximately 4 minutes before the start of each class to approximately 1 minute after the start of each class. This changes rule 27.1.
- 2.3 No later than the warning signal, the signal vessel may display the approximate compass bearing of the first leg.

## SH3 CHANGE OF THE NEXT LEG OF THE COURSE

Minor adjustments may be made to the course without indicating a course change. This changes rule 33.

## SH4 THE FINISH

The finishing line will be situated to the port side of the start line. The finishing line will be between a red and white pole or main mast on a finishing vessel displaying a blue flag at the port-end and the starboard-end finishing mark.

## SH5 TIME LIMITS

Boats will be timed up to 15 minutes after the first boat of their class finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.

# SCOTSMANS BAY AREA (W)

TRIANGULAR OR OLYMPIC



**STARTING AREA:** In the vicinity of Scotsman's Bay or within the Harbour (Friday and Saturday)  
**VHF CHANNEL:** 08 **RACE OFFICER:** Pat Branigan, RRO **SIGNAL VESSEL:** Displaying Event Flag.

## COURSE MARKS

**START & FINISH:** Starting and finishing marks may be dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type. **COURSE:** May be orange inflatable marks.

DAY & DATE	WARNING SIGNAL	CLASS	FLAG	HW DUN LAOGHAIRE
<b>THURSDAY</b> 7th July 2 Races	1525	FLYING 15 SQUIB MERMAID	NAVAL NUM 6 ICF "G" ICF "W"	1659 3.8m
<b>FRIDAY</b> 8th July 1 Race	1940	WATER WAG	CLASS FLAG	1758 3.7m
<b>SATURDAY</b> 9th July 4 Races	1155	WATER WAG	CLASS FLAG	1903 3.6m
<b>SUNDAY</b> 10th July 2 Races	1055	FIREBALL IDRA 14 LASER WATER WAG	ICF "F" ICF "Q" CLASS FLAG CLASS FLAG	2014 3.6m

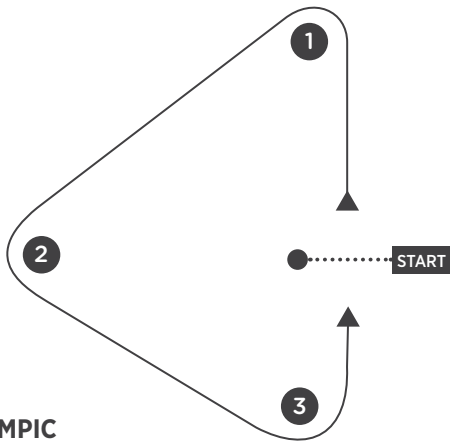
## W1 THE START

- 1.1 Races will be started by using rule 26 with the warning signal made 5 minutes before the starting signal.
- 1.2 The starting line will be between a red and white pole or the main mast on the signal vessel at the starboard end and the port-end starting mark.

- 1.3 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 1.4 A boat starting later than 4 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.
- 1.5 To alert boats that a sequence of races will begin soon an orange flag will be displayed with one sound signal for at least four minutes before a warning signal is displayed.

## DIAGRAM 1: TRIANGULAR

WATER WAG CLASS ONLY



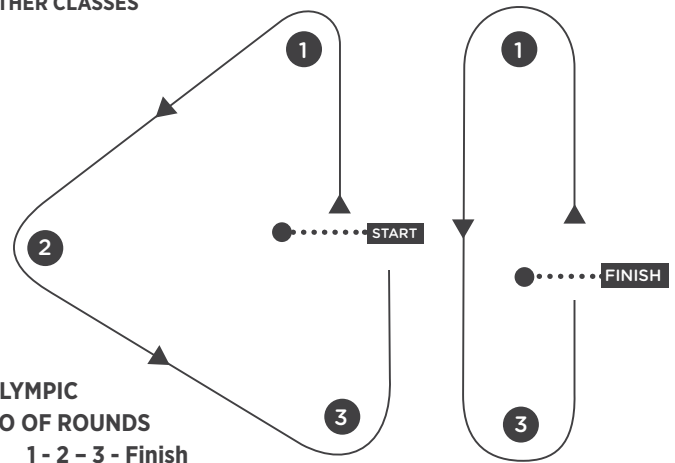
### OLYMPIC

#### NO OF ROUNDS

- 1 1 - 2 - 3 - Finish
- 2 1 - 2 - 3 - 1 - 2 - 3 - Finish
- 3 1 - 2 - 3 - 1 - 2 - 3 - 1 - 2 - 3 - Finish
- 4 1 - 2 - 3 - 1 - 2 - 3 - 1 - 2 - 3 - 1 - 2 - 3 - Finish

## DIAGRAM 2: OLYMPIC

OTHER CLASSES



### OLYMPIC

#### NO OF ROUNDS

- 1 1 - 2 - 3 - Finish
- 2 1 - 2 - 3 - 1 - 3 - Finish
- 3 1 - 2 - 3 - 1 - 3 - 1 - 2 - 3 - Finish
- 4 1 - 2 - 3 - 1 - 3 - 1 - 2 - 3 - 1 - 3 - Finish

All marks to be rounded to port

NOT TO SCALE

## W2 COURSE

- 2.1 The two diagrams shows the respective courses for the Waterwags and the other classes, the order in which marks are to be passed, the side on which each mark is to be left and the number of rounds. For the waterwags on Friday 8th and Saturday 9th, if starting, finishing or racing in the harbour, this course may be varied and the position of the start/finish may be altered.
- 2.2 The number of rounds to be sailed will be shown on a number board displayed on the signal vessel from approximately 4 minutes before the start to approximately 1 minute after the start. This changes rule 27.1.
- 2.3 No later than the warning signal, the signal vessel may display the approximate compass bearing of the first leg and a rib may act as pathfinder.

## W3 CHANGE OF THE NEXT LEG OF THE COURSE

Minor adjustments may be made to the course without indicating a course change. This changes rule 33.

## W4 THE FINISH

The finishing line will be between a red and white pole or the main mast on a finishing vessel displaying a blue flag at the starboard and the port-end finishing mark.

## W5 TIME LIMITS

Boats will be timed up to 15 minutes after the first boat finishes, otherwise they will be scored Did Not Finish. This changes rule 35 and A4 and A5.

## W6 WATER WAG CLASS REQUIREMENTS & INSTRUCTIONS

- 6.1 **Insurance** – all Water Wags must be insured against third party liability for a sum of not less than €1,300,000 for any one accident.
- 6.2 **Eligibility** – Water Wags may not complete unless their equipment complies with all applicable Water Wag Class Rules including those rules relating to Minimum Safety Requirements set out in the Wag Class Sailing Instructions. A boat that does not, in the view of the Class Safety Officer, meet these requirements will be scored a Did Not Compete.
- 6.3 **Reefing/Heavy Weather** – The class captain or his nominated deputy shall decide if sails are to be reefed or the race is to be held. This does not limit or reduce in any way the complete and unlimited responsibility of the owner to decide whether or not to start or continue to race.
- 6.4 **Penalty System (One-Turn Penalty)** – Rule 44.1 is changed so that the Two-Turn Penalty is replaced by the One-Turn Penalty.
- 6.5 **Allocation to Divisions** – The Water Wag Committee will at its absolute discretion allocate boats to the three divisions – 1a, 1b and 2. This allocation shall not alter during the series.
- 6.6 **Prizes** – The Transom Trophy, The Middleton Howitzer and the Lawson History of Americas Cup will be presented to the winning helmsman.

# APPENDIX 1

## TIDAL STREAMS



**LW**

Streams slack close inshore south side of bay



**HW:** During spring tides & after Sth/Sth Est gales the stream sets N.E. close to the Bailey for another 1/2 he after H.W. Dublin. Sth/Sth Est winds can prolong stand of H.W. during Neap tides



**LW +1**



**HW +1**



**LW +2**



**HW +2**



**LW +3**

Anti clockwise eddy stream west of Seapoint mark and west pier



**HW +3**

Streams are at their strongest at this point of the Ebb.



**LW +4**



**HW +4**



**LW +5**

Streams slack all over bay. Young ebb begins to close into south shore of bay & North of Bailey



**HW +5**

Streams slack all over bay. Young floods begins making close into South shore of bay & North of Bailey

# APPENDIX 2

## CODE FLAGS

IRC 0	NUMERAL 0	
IRC 1	NUMERAL 1	
J109	J	
SIGMA 33	E	
BENETEAU 31.7	NUMERAL 9	
IRC 2	NUMERAL 2	
NON SPINNAKER 0	NUMERAL 0	
NON SPINNAKER 1	NUMERAL 1	
DOUBLE HANDER	NUMERAL 2	
IRC 3	NUMERAL 3	
RUFFIAN 23	U	
SHIPMAN	W	
GLEN	K	
HOWTH 17	C	
SQUIB	G	
ETCHELL	E	
DRAGON	D	
FLYING 15	NAVAL NUMERAL 6	
LASER SB3	K	
FIREBALL	F	
MERMAID	W	
IDRA 14	Q	
WATER WAG	WATER WAG BURGEE	
WAYFARER	E	
LASER	CLASS FLAG	

# APPENDIX 3

## DUBLIN BAY FIXED MARK POSITIONS (APPROX)

REF	MARK NAME	COLOUR	LATITUDE 53°N	LONGITUDE 6°W
A	SALTHILL	ORANGE	18.36	09.00
B	SAOIRSE	BLACK	19.02	08.15
BB	BRAY OUTFALL	YELLOW	13.20	04.50
C	SEAPOINT	BLACK	19.48	08.60
D	SOUTH BULL	ORANGE	20.00	08.30
E	SOUTH BAR	BLACK	20.22	07.45
F	BLIGH	ORANGE	20.08	06.70
G	NEW ROSS	BLACK/WHITE	19.60	06.30
H	HARBOUR	YELLOW	18.56	07.40
J	ASGARD	BLACK	19.11	06.56
K	BOYD	ORANGE	18.85	07.37
KB	KILLINEY BUOY	YELLOW	14.90	05.12
L	MERRION	BLACK/YELLOW	18.92	09.20
M	MIDDLE	YELLOW	19.55	07.48
N	MOLLY	BLACK/YELLOW	18.28	06.28
P	POLDY	ORANGE	17.82	05.40
Q	ISLAND	BLACK	17.45	05.58
R	BULLOCH	ORANGE	17.28	06.16
S	EAST	ORANGE	18.16	05.68
T	40 FOOT	GREEN/WHITE	17.46	06.68
V	PIER	ORANGE	18.10	06.84
V50	VOLVO V50	YELLOW INFLATABLE	18.65	04.45
X	TURNING	YELLOW	18.28	08.40
XC90	VOLVO XC90	YELLOW INFLATABLE	14.30	01.26
W	BAY	BLACK	17.73	07.10
Y	OMEGA	YELLOW	17.78	06.23
Z	ZEBRA	BLACK/WHITE	18.74	06.16
-	SOUTH BURFORD	IALA	18.10	01.29

# GENERAL INFORMATION

## ORGANISING COMMITTEE

Adam Winkelmann(Chairman), Roisin Callaghan DMYC, Johnnie Phillips NYC, Doug Smith RIYC, Martin Byrne RSGYC, Con Murphy, Sarah-Jane Leonard, Louis Monks & Ciara Dowling.

<b>Event Secretary:</b>	Ciara Dowling
<b>Race Office Manager:</b>	Mary Rogan
<b>Results:</b>	Ian Bowring
<b>Director of Racing:</b>	Con Murphy
<b>Jury Chairman:</b>	Mike Butterfield (IJ GBR)

## PROTEST COMMITTEE

Mike Butterfield (IJ GBR) Chairman, Gordon Davies  
Ailbe Millerick, Des Cummins, Brian Matthews, Jimmy Fitzpatrick.

## SUB COMMITTEE - RACING

Con Murphy, Jack Roy, Henry Leonard, Fintan Cairns,  
Harry Gallagher, David Lovegrove, Peter Crowley,  
Alan Crosbie, Mal Nowlan

## PRIZEGIVINGS

### Thursday - Day Prizегiving

2030 National Yacht Club

### Friday - Day Prizегiving

1900 Dun Laoghaire Motor Yacht Club

### Saturday - Day Prizегiving

1900 Royal Irish Yacht Club

### Sunday - Overall Prizегiving & Closing Ceremony

1500 Royal St George Yacht Club

## CONTACT NUMBERS

<b>DMYC</b>	+353 1 280 1371
<b>NYC</b>	+353 1 280 5725
<b>RIYC</b>	+353 1 280 9452
<b>RSGYC</b>	+353 1 280 1811
<b>Race Office Tel:</b>	+353 1 284 1180

## BERTHING / PARKING - VISITING BOATS

Berthing or parking for visiting boats (boats not already based in Dun Laoghaire) is included in the entry fee for the duration of the Regatta, from Wednesday 6th to Monday 11th July. Boats shall be kept in their assigned places for the duration of the regatta. All visiting dry sailed boats and dinghies MUST vacate their allocated Club Parking by Monday 11th July. If berthing is required outside the period stated above, competitors must contact the Regatta Secretary or Dun Laoghaire Marina who will advise on availability and cost.

## TEMPORARY MEMBERSHIP

The Dun Laoghaire Motor Yacht Club, the National Yacht Club, the Royal Irish Yacht Club and the Royal St George Yacht Club, represent the Volvo Dun Laoghaire Regatta Committee. All Helmsmen and their crews competing in the Regatta and volunteers assisting will be Temporary Members of the above clubs throughout the Regatta and will be bound by the rules of those Clubs. The Clubs reserve the right to withdraw such temporary membership.

## SPECIAL NOTICES

**Car-ferry/commercial shipping:** Competitors shall keep clear of the Car Ferry and all commercial shipping.

### Stena Line Schedule:

Dun Laoghaire Arrival: 1150

Dun Laoghaire Departure: 1315

## ACKNOWLEDGEMENTS

The Volvo Dun Laoghaire Regatta Committee wishes to thank the Dublin Bay Sailing Club, the Royal Alfred Yacht Club, Howth Yacht Club, Marina Marketing & Management Ltd, Dun Laoghaire Rathdown County Council, and Dun Laoghaire Harbour Company for facilities provided and acknowledge the co-operation of Captain David Dignam the Dublin Port Harbour Master, and Captain Simon Coate and Captain Frank Allen of the Dun Laoghaire Harbour Company.

Our sincere thanks to all club personnel & volunteers and also those who have loaned their flagships & mark boats.

We acknowledge the generous financial assistance received from all our sponsors & patrons, but in particular our title sponsors **VOLVO CAR IRELAND LTD** and **SPIRIT MOTOR GROUP LTD** who make the event possible.

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