



VOLVO DUN LAOGHAIRE REGATTA 2015 SAILING INSTRUCTIONS





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SAILING INSTRUCTIONS

VOLVO DUN LAOGHAIRE REGATTA

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GENERAL REGULATIONS (GR)

- 1.1 The Organising Authority of the Volvo Dun Laoghaire Regatta 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 Irish Sailing Association Prescriptions to The Racing Rules of Sailing 2013-2016 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. Revised handicaps will be published not later than 2130 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 60 minutes after close of registration. Each boat being scored under ECHO will be assigned a performance based ECHO handicap for the first race. A system of progressive ECHO handicapping, where each boat's handicap is automatically adjusted on the basis of performance in each race, will apply to each subsequent race. The act of handicap adjustment or failure to adjust will not be grounds for a request for redress. (This changes rule 62).

GR2 NOTICES TO COMPETITORS

Notices to Competitors will be posted on the Official Notice Board at the Race Office which will be situated beside 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.

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.

All boats transiting to and from the Howth Area shall keep to the east of the Dublin Bay Buoy and Dublin Port Channel.

GR3 CHANGES TO SAILING INSTRUCTIONS

Any change to the sailing instructions will be posted before 0900 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 DMYC, the NYC, the RIYC and the RSGYC.
- 4.2** When the flag AP is displayed ashore, '1 minute' is replaced with 'not less than 60 minutes' in the race signal AP.
- 4.3** 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.
- 4.4** 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 90 minutes before the first start time. This amends Race Signals.

GR5 SCHEDULE OF RACES

- 5.1** Dates of racing are from Thursday 9th – Sunday 12th July 2015.
- 5.2** The schedule time for the warning signal for the first race each day is:

Thursday 9th July 2015

1500: Coastal Area - IRC Offshore Class only
1525: All Areas

Friday 10th and Saturday 11th July 2015

1030: Coastal Area - IRC Offshore Class only
1055: Howth Area
1155: All Areas

Sunday 12th July 2015

1030: Coastal Area – IRC Offshore Class only
1055: All Areas

CLASSES	THURS 9 JULY	FRI 10 JULY	SAT 11 JULY	SUN 12 JULY
CRUISER CLASS 0 CRUISER CLASS 1 J109 CRUISER CLASS 2	SOUTH 1 RACE	HOWTH 2 RACES	NORTH 2 RACES	CENTRE 1 RACE
SIGMA 33 BENETEAU 31.7 CRUISER CLASS 3 NON SPINNAKER 1	NORTH 1 RACES	CENTRE 2 RACES	HOWTH 2 RACES	SOUTH 1 RACE
	COASTAL 1 RACE	SOUTH 2 RACES		COASTAL 1 RACE
NON-SPINNAKER 2 CRUISER CLASS 4 SHIPMAN GLEN HOWTH 17	COASTAL 1 RACE NORTH 1 RACE CENTRE 1 RACE	SOUTH 2 RACES CENTRE 2 RACES SOUTH 2 RACES	CENTRE 2 RACES	COASTAL 1 RACE NORTH 1 RACE
	NO RACE	HOWTH TO DL		DL TO HOWTH
IRC OFFSHORE	COASTAL 1 RACE	COASTAL 1 RACE	COASTAL 1 RACE	COASTAL 1 RACE
SB20 RS ELITE DRAGON BENETEAU FIRST 21 RUFFIAN 23	CENTRE 1 RACE NO RACE SALTHILL 2 RACES CENTRE 1 RACE	NORTH 2 RACES	SOUTH 2 RACES	SOUTH BULL 2 RACES SOUTH 1 RACE NORTH 1 RACE
FLYING FIFTEEN SQUIB WAYFARER GP14	SALTHILL 2 RACES NO RACE	SOUTH BULL 3 RACES	SALTHILL 3 RACES SOUTH BULL 3 RACES	SOUTH BULL 2 RACES
MERMAID FIREBALL IDRA 14 LASER STANDARD RIG MOTH RS 200/400 4 WATER WAG	SALTHILL 2 RACES SOUTH BULL 2 RACES NO RACE NO RACE	SALTHILL 3 RACES NO RACE HARBOUR	SOUTH BULL 3 RACES SALTHILL 3 RACES	SALTHILL 2 RACES

- 5.3** Areas, 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 Race Area Sections and on Appendix 2.
- 6.2** Class Flags shall be clearly displayed from the backstay of Cruiser Class 0, Class 1, Class 2, Class 3, Class 4, IRC Offshore and Non Spinnaker 1 and 2 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, and 1468.
- 7.2** The Chart of Dublin Bay (Appendix 4). Howth (page 17) and Coastal Area (page 26) show the approximate location of the designated racing areas and the letters or numbers identifying the marks which will be broadcast when setting Fixed Mark Courses and courses for Howth and Coastal Areas.

GR8 DUBLIN PORT CHANNEL CROSSING PROCEDURES

- 8.1** The diagram on Appendix 4 illustrates the Dublin Port Channel. When transiting to and from the Howth Area, boats shall keep to the east of the Dublin Bay Buoy and Dublin Port Channel.
- 8.2** Boats should monitor VHF CH12 for any special instructions.
- 8.3** Page 11 lists the regular shipping arrivals and departures. A full schedule of all shipping movements can be found at www.dublinport.ie.

GR9 RESTRICTED AREAS

While racing all boats are prohibited from entering the NO GO areas:

- 9.1** Dublin Port the area bounded by the following: Poolbeg Lighthouse, navigation marks 8,6,4, Dublin Bay Buoy, navigation marks 1,3,5,7 and North Bull Lighthouse.
- 9.2** Dalkey Sound (as shown in Appendix 4)
- 9.3** Howth Sound (as shown on Howth area chart on page 17)
- 9.4** The 40ft Bathing Area is marked by small yellow conical buoys.

GR10 PROTESTS & REQUESTS FOR REDRESS

- 10.1** Protest forms are available at the Race Office beside

the Plaza. Protests and requests for redress or reopening shall be delivered to the protest convenor's office in the Race Office within the appropriate time limit.

- 10.2** 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.
- 10.3** 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.
- 10.4** 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). Protest hearings may commence before this time.
- 10.5** 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.
- 10.6** 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.
- 10.7** 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 reopening 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.

- 10.8** Parties concerned in protests should identify themselves to the Protest Convenor and wait in the designated area adjacent to the Race Office.
- 10.9** The Protest committee has discretion as to penalties for breaches of Sailing Instructions GR 6.2, 8, 9, 13, 14, 15, Howth Race Area H1.5 and rule 55 (Trash).

GR11 PENALTY SYSTEM

Appendix P will apply.

GR12 SCORING & RESULTS

- 12.1** One race is required to be completed to constitute a series.
- 12.2** a) When fewer than four races have been completed, a boat's series score will be the total of her race scores.
b) When from four to eight races have been completed, a boat's series score will be the total of her race scores, excluding her worst score.
c) When nine or more races have been completed, a boat's series score will be the total of her race scores excluding her two worst scores.
- 12.3** Results will be posted on the Results Board at the Race Office, on the Internet and may be available in the four yacht clubs.

GR13 SAFETY REGULATIONS & SAFETY

- 13.1** All boats shall comply with their Class Safety Regulations.
- 13.2** All keelboats should have on board an operating VHF radio.
- 13.3** A boat that retires from a race shall notify the Race Committee as soon as possible.
- 13.4** The wearing of personal flotation devices is mandatory for all dinghy classes and strongly recommended for all other classes.

GR14 EQUIPMENT & MEASUREMENT CHECKS

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

GR15 ADVERTISING

Boats shall display advertising supplied by the organizing authority in accordance with ISAF 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.

GR16 PRIZES

- 16.1** 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.
- 16.2** 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 and, ECHO prize.
- 16.3** Perpetual trophies see page 7
- 16.4** 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.
- 16.5** Individual classes may incorporate additional events or championships as part of the Regatta.

GR17 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.

GR18 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.

GR19 AMENDMENT TO CLASS RULES

The J109 UK and Ireland Class Association Class Rules 2015 apply to the Volvo Dun Laoghaire Regatta 2015, with the following amendments:

No.1 Section 5.4 shall be deleted in its entirety and replaced with the following:

5.4.1 Headsails Furlers and Headfoils

Headsails may be manufactured of any woven or laminated materials. Headsails shall be attached to the forestay using hanks or the owner's choice of standard commercially available furling headfoil system (such as Harken Mk 3, Racnor or similar) or non furling headfoil system (such as Tuff Luff or Harken Carbo Foil or similar) using #6 luff tape. The type and design of forestay foil is unspecified except that it cannot be an aerofoil or wing type whose function is to add area to the headsail. UV protection tape may be applied to the leech and foot to cover the sail when furled. Windows are permitted. Headsails may be furled or hoisted and dropped as per the owner's choice.

5.4.2 Genoas

The dimensions of genoas (ie sails with LP greater than 4460mm 110% LP) shall not exceed:
 LP-5880mm (145% LP) and Luff Length 13800mm.
 The leech shall be fair and concave (half width shall not exceed 50% of foot length and three quarter width shall not exceed 25% of foot length). No battens are permitted. HSA shall not exceed 40.60 m² when calculated with the 2012 IRC HSA formula.
 To ensure no advantage is taken by boats using a low profile or no furler, a strop shall be fitted and used to ensure that the tack of the genoa shall be no less than 273mm above the centre of the forestay clevis pin measured along the forestay.

5.4.3 Jibs

For jibs (ie sails with an LP of 4460mm 110% LP or less), up to four battens of any length are permitted on the leech. The definition of a batten is "Any material added to the sail, as a removable element, permanent stiffening, or other contrivance, the purpose of which is to support and/or stiffen the sail". There is no restriction on Luff Length provided

the HSA does not exceed 40.60 m² when calculated with the IRC HSA formula. In respect of this rule 5.4 and in relation to the use of battens and the maximum sail area the genoas used on Jumping Jellyfish and Just So as at August 2009 are grandfathered within the class rules indefinitely provided such genoas are used on the respective boats and provided the boat stays within the same ownership.

No. 2 Section 4.3 Items that ARE permitted while Racing:

4.3.16 Inhaulers may be fitted and used (additional clause)

No.3 Section 4.4 Items NOT permitted while Racing:

4.4.7 Is deleted (Jib inhaulers)

VDLR TROPHIES 2015

Special Trophies

Trophy Name

Boat of the Week	The Dubarry Boot
Best Overall IRC	The Volvo Trophy
Best One Design/Keelboat	RIYC HM Naval Base Trophy
Best Dinghy/Small Keelboat	NYC Darthula Trophy
Best Visiting Boat	Salamander Trophy
IRC Offshore Class Challenge Trophy	Sealink Trophy
Royal Dee Irish Sea Offshore C'ship	Royal Dee Yacht Club Trophy
DBSC Non Spinnaker Trophy	Holyhead Offshore Challenge Trophy

Signature Trophies – (NEW)

Best Overall ECHO	Royal Irish YC Perpetual Trophy
Most Successful RStGYC Boat	RStGYC Perpetual Trophy - Royal Kingstown YC Silver Trophy
Best Overall Flying 15	National YC Perpetual Trophy
Best Overall Ruffian 23	Dun Laoghaire Motor YC Perpetual Trophy
Best Overall IDRA 14	Dun Laoghaire Motor YC Perpetual Trophy

NORTH AREA (N)

WINDWARD/LEEWARD OR FIXED MARK

STARTING AREA: IN THE VICINITY OF NEW ROSS
(G) MARK (APPROX 53.19.60N & 06.06.30W)

VHF CHANNEL: 72

RACE OFFICER: ALAN CROSBIE, IRO

SIGNAL VESSEL: DISPLAYING YELLOW DODGER



THE VOLVO V40 STUNNING LOOKS, EXHILARATING PERFORMANCE

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 weather mark, an orange mark with a distinctive band and the offset 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.

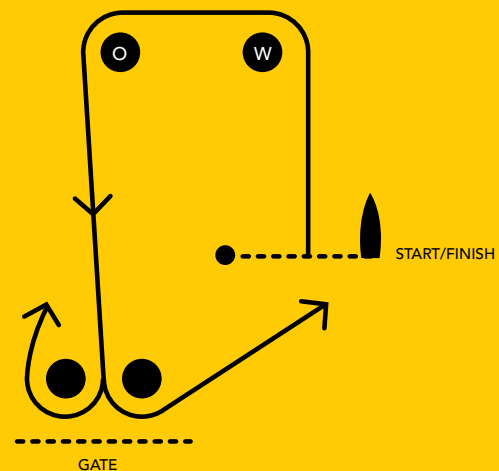
DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 9TH JULY 1 RACE	1525	SIGMA 33 BENETEAU 31.7 CRUISER CLASS 3 CRUISER CLASS 4	ICF 'E' ICF Numeral 9 ICF Numeral 3 ICF Numeral 4	1837 3.8m
FRIDAY 10TH JULY 2 RACES	1155	SB20 RS ELITE DRAGON RUFFIAN 23 BENETEAU FIRST 21	ICF 'K' ICF 'J' ICF 'D' ICF 'R' ICF 'A'	0657 3.9m
SATURDAY 11TH JULY 2 RACES	1155	CRUISER CLASS 0 CRUISER CLASS 1 J109 CRUISER CLASS 2	ICF Numeral 0 ICF Numeral 1 ICF 'J' ICF Numeral 2	0810 3.9m
SUNDAY 12TH JULY 1 RACE	1055	CRUISER CLASS 4 SHIPMAN RUFFIAN 23 BENETEAU FIRST 21 GLEN	ICF Numeral 4 ICF 'W' ICF 'R' ICF 'A' ICF 'K'	0920 3.9m

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.



N1 THE START

- 1.1 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, or a rib displaying an orange flag.
- 1.2 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 1.3 A boat starting later than 10 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.
- 1.4 If flag U has been displayed as the preparatory signal, no part of a boat's hull, crew, or equipment shall be in the triangle formed by the ends of the starting line and the first mark during the last minute before her starting signal. If a boat breaks this rule and is identified, she shall be disqualified without a hearing but not if the race is restarted or resailed or postponed or abandoned before the starting signal. This changes rule 26 Starting Races and rule 63.1. When flag U is used as the preparatory signal, rule 29.1 Individual Recall does not apply. The scoring abbreviation for a flag U penalty is UFD. This changes A11 Scoring Abbreviations.
- 1.5 In addition to rule 29.1, the Race Committee will attempt to broadcast individual OCS recalls by sail number on the course VHF channel, as soon as practical, but not less than 1 minute after the start. Failure to do so will not be grounds for redress. This changes rule 62.1(a).

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 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 area. 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.
- 2.4 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.
- 2.5 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.
- 2.6 While every effort will be made to lay the offset (O), in the event that this is not possible, boats shall, after rounding the windward mark to port, sail directly to the leeward gate or mark.

N3 CHANGE OF THE NEXT LEG OF THE COURSE

- 3.1 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. When the replacement mark is already in use, the course may be further reset using the original mark. A boat shall not request redress under rule 60.1(b) because of an action or no action by the race committee under this instruction. This mark may be a orange mark with distinctive band. Any such change of course will be signalled at the leeward gate.

NORTH AREA (N)

CONTINUED

- 3.2** 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 mast displaying a blue flag and a buoy.

N5 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 45 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.

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 area 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

SHIPPING INFORMATION

PASSING DUBLIN BAY BUOY (ROUNABOUT BUOY)

SHIP NAME	ARR & DEP BERTH DUBLIN	DUBLIN BAY BUOY	SERVICE TO/FROM	REMARKS
CLDN TBN	01:00 DEP	01:30	ZEEBRUGGE	FRI & MON
EPSILON	01:55 DEP	08:50	HOLYHEAD	7 DAYS
STENA SUPERFAST X	02:15 DEP	09:00	HOLYHEAD	7 DAYS
NORBANK	05:15 DEP	09:25	LIVERPOOL	(TUE - FRI)
SEATRUCK TBN	05:00 DEP	09:50	LIVERPOOL	7 DAYS
NORBANK	05:50 ARR	09:50	LIVERPOOL	7 DAYS
STENA ADVENTURER	05:45 ARR	10:50	HEYSHAM	(TUE - SAT)
ULYSSES	05:55 ARR	11:40	HOLYHEAD	7 DAYS
ULYSSES	08:05 ARR	13:25	HOLYHEAD	7 DAYS
STENA ADVENTURER	08:20 DEP	14:45	HOLYHEAD	7 DAYS
JONATHAN SWIFT	08:45 DEP	15:25	HEYSHAM	(MON - FRI)
SEATRUCK TBN	09:00 DEP	15:35	LIVERPOOL	(MON - SAT)
NORBANK	09:15 DEP	15:40	HOLYHEAD	7 DAYS
EUROPEAN ENDEAVOUR	10:30 DEP	16:35	LIVERPOOL	(SUN ONLY)
EPSILON	11:00 ARR	16:30	LIVERPOOL	(TUE - FRI)
CLDN TBN	11:30 ARR	16:30	HEYSHAM	(SUN ONLY)
SEATRUCK TBN	11:20 ARR	16:40	HOLYHEAD	7 DAYS
EPSILON	11:20 ARR	16:50	LIVERPOOL	7 DAYS
STENA SUPERFAST X	12:10 ARR	17:00	HOLYHEAD	7 DAYS
JONATHAN SWIFT	13:40 ARR	19:00	HOLYHEAD	7 DAYS
EPSILON	14:15 ARR	16:50	LIVERPOOL	7 DAYS
JONATHAN SWIFT	14:30 ARR	16:50	LIVERPOOL	7 DAYS
SEATRUCK TBN	15:00 ARR	16:50	LIVERPOOL	7 DAYS
EUROPEAN ENDEAVOUR	15:00 ARR	16:50	LIVERPOOL	7 DAYS
STENA SUPERFAST X	15:10 ARR	16:50	LIVERPOOL	7 DAYS
EPSILON	15:30 ARR	16:50	LIVERPOOL	7 DAYS
EUROPEAN ENDEAVOUR	16:00 ARR	16:50	LIVERPOOL	7 DAYS
SEATRUCK TBN	17:00 ARR	16:50	LIVERPOOL	7 DAYS
SEATRUCK TBN	17:00 ARR	16:50	LIVERPOOL	7 DAYS

CENTRE AREA (CT)

WINDWARD/LEEWARD TRIANGLE OR FIXED MARK

STARTING AREA: In the vicinity of Boyd Mark (K) (approx 53.18.85N & 06.07.37W)

VHF CHANNEL: 68

RACE OFFICERS: Jack Roy, IRO

SIGNAL VESSEL: Displaying Red Dodger



THE VOLVO V60 TAKE THE LONG WAY HOME

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.

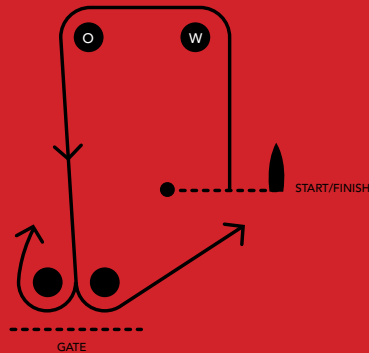
WINDWARD/LEEWARD or TRIANGLE. The main course marks may be black inflatable marks, the replacement weather mark a black inflatable mark with distinctive band and the wing mark a dan buoy type.

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
THURSDAY 9TH JULY 1 RACE	1525	SB20 RS ELITE RUFFIAN 23 SHIPMAN GLEN	ICF 'K' ICF 'J' ICF 'R' ICF 'W' ICF 'K'	1837 3.8m
FRIDAY 10TH JULY 2 RACES	1155	SIGMA 33 BENETEAU 31.7 CRUISER CLASS 3 CRUISER CLASS 4	ICF 'E' ICF Numeral 9 ICF Numeral 3 ICF Numeral 4	0657 3.9m
SATURDAY 11TH JULY 2 RACES	1155	NON SPINAKER 2 CRUISER CLASS 4 SHIPMAN GLEN HOWTH 17	ICF Numeral 2 ICF Numeral 4 ICF 'W' ICF 'K' ICF 'C'	0810 3.9m
SUNDAY 12TH JULY 1 RACE	1055	CRUISER CLASS 0 CRUISER CLASS 1 J109 CRUISER CLASS 2	ICF Numeral 0 ICF Numeral 1 ICF 'J' ICF Numeral 2	0920 3.9m

DIAGRAM NO.1

WINDWARD/ LEEWARD



WINDWARD/LEEWARD NO OF ROUNDS

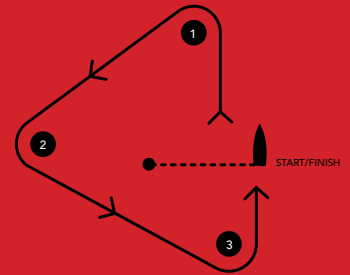
- 1 W - O - Gate - Finish
- 2 W - O - Gate - W - O - Gate - Finish
- 3 W - O - Gate - W - O - Gate - W - O - Gate - Finish
- 4 W - O - Gate - W - O - Gate - W - O - Gate - W - O - Gate - Finish

All marks to be rounded to port except when sailing through the gate.

(Note: Scotsmans Bay finish option CT2.8)

DIAGRAM NO.2

TRIANGLE



TRIANGLE 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

All marks to be rounded to port

(Note: Scotsmans Bay finish option CT2.8)

CT1 THE START

- 1.1 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, or a rib displaying an orange flag.
- 1.2 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 1.3 A boat starting later than 10 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.
- 1.4 If flag U has been displayed as the preparatory signal, no part of a boat's hull, crew, or equipment shall be in the triangle formed by the ends of the starting line and the first mark during the last minute before her starting signal. If a boat breaks this rule and is identified, she shall be disqualified without a hearing but not if the race is restarted or resailed or postponed or abandoned before the starting signal. This changes rule 26 Starting Races and rule 63.1. When flag U is used as the preparatory signal, rule 29.1 Individual Recall does not apply. The scoring abbreviation for a flag U penalty is UFD. This changes A11 Scoring Abbreviations.
- 1.5 In addition to rule 29.1, the Race Committee will attempt to broadcast individual OCS recalls by sail number on the course VHF channel, as soon as practical, but not less than 1 minute after the start. Failure to do so will not be grounds for redress. This changes rule 62.1(a).

CT2 COURSES

- 2.1 Flag "B" will indicate Windward/Leeward Course (diagram No.1), and Flag "T" will indicate a Triangle Course (Diagram No.2).
- 2.2 Diagrams 1, & 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 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 area. 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 Shortened Course: As per rule 32 (Shortened Course) if a race committee boat is positioned at a mark and 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.
- 2.6 Windward/Leeward Course: 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

- 2.7** leeward mark and this mark shall be rounded to port. Windward/Leeward Course: while every effort will be made to lay the offset (O), in the event that this is not possible, boats shall, after rounding the windward mark to port, sail directly to the leeward gate or mark.

2.8 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 Bay Mark (W). On passing through the gate on the final round, boats shall sail to the finishing line, leaving the Battery (T) (in Appendix 4) to starboard. The finishing vessel may be a different vessel to the starting vessel.

- 6.4** board on the signal vessel. 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.

CT3 CHANGE OF THE NEXT LEG OF THE COURSE

- 3.1** 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. When the replacement mark is already in use, the course may be further reset using the original mark. A boat shall not request redress under rule 60.1(b) because of an action or no action by the race committee under this instruction. This mark may be a black mark with distinctive band. Any such change of course will be signalled at the leeward gate.
- 3.2** The Race Committee may make other minor adjustments to the course without indicating a change of course. This changes rule 33.

CT4 THE FINISH

The finishing line will be between a mast displaying a blue flag and a buoy.

CT5 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 45 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.

CT6 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

HOWTH AREA (H) FIXED MARK

STARTING AREA: In the vicinity of Rosbeg East Navigation Buoy (approx 53.21.02N & 06.03.45W)
VHF CHANNEL: 69 (backup channel VHF CH 77)
RACE OFFICER: David Lovegrove IRO
SIGNAL VESSEL: Displaying Black Dodger



THE VOLVO S60 WHEN DRIVING MATTERS

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 17

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
FRIDAY 10TH JULY 2 RACES	1055	CRUISER CLASS 0 CRUISER CLASS 1 J109 CRUISER CLASS 2	ICF Numeral 0 ICF Numeral 1 ICF 'J' ICF Numeral 2	0657 3.9m
SATURDAY 11TH JULY 2 RACES	1055	SIGMA 33 BENETEAU 31.7 CRUISER CLASS 3 NON SPINNAKER 1	ICF 'E' ICF Numeral 9 ICF Numeral 3 ICF Numeral 1	0810 3.9m

H1 NAVIGATIONAL INSTRUCTIONS

The following IALA navigational buoys will not be listed on the courses to be displayed and shall be left as follows:

- 1.1** Rosbeg East: 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** Boats transiting to/from the Howth Area, while not racing, shall cross the shipping channel as stated in instruction GR8 and keep clear of boats racing in other race areas in Dublin Bay.

H2 THE START

- 2.1** 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, or a rib displaying an orange flag.
- 2.2** Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 2.3** A boat starting later than 10 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.

- 2.4** If flag U has been displayed as the preparatory signal, no part of a boat's hull, crew, or equipment shall be in the triangle formed by the ends of the starting line and the first mark during the last minute before her starting signal. If a boat breaks this rule and is identified, she shall be disqualified without a hearing but not if the race is restarted or resailed or postponed or abandoned before the starting signal. This changes rule 26 Starting Races and rule 63.1. When flag U is used as the preparatory signal, rule 29.1 Individual Recall does not apply. The scoring abbreviation for a flag U penalty is UFD. This changes A11 Scoring Abbreviations.
- 2.5** In addition to rule 29.1, the Race Committee will attempt to broadcast individual OCS recalls by sail number on the course VHF channel, as soon as practical, but not less than 1 minute after the start. Failure to do so will not be grounds for redress. This changes rule 62.1(a).

H3 TIME LIMITS

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.

IRC & ECHO: Boats will be timed up to 45 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.

H4 RACE NO. 1

STARTING AREA

- 4.1** The starting area for Race No.1 will be north of the Dublin Port Channel in the vicinity of Rosbeg East navigation buoy and may be broadcast on the designated VHF Channel for the area.

COURSE

- 4.2** References and positions of the marks are shown on the chart on page 17.
- 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 area.
- 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 displayed 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)

FINISHING LINE

- 4.8** 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 a mast displaying a blue flag and a buoy.

H5 RACE NO. 2

STARTING AREA

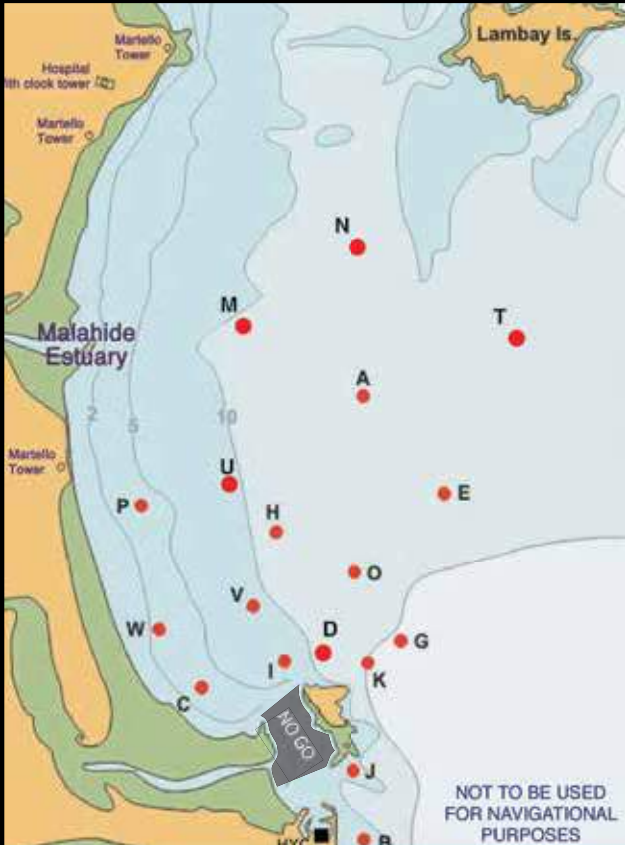
- 5.1** The Starting area for Race No.2 will be North of Howth Harbour and the position may be broadcast on the designated VHF Channel for the area. The start of Race No.2 will be as soon as possible after the finish of Race No.1 and may be from the same starting vessel as Race No.1.

COURSE

- 5.2** References and positions of the marks are shown on the chart on page 17.
- 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 area.
- 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 ICF 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.

FINISHING LINE

- 5.8** 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 Rosbeg East buoy at the East end.



Reproduced from Admiralty Chart 1468 by permission of the Controller of Her Majesty's Stationery Office and the UK Hydrographic Office (www.ukho.gov.uk). Not to be used for Navigation

HOWTH 17 RACE HOWTH TO DUN LAOGHAIRE FRIDAY 10TH JULY START 1700

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 73 for any change of course

HOWTH 17 RACE DUN LAOGHAIRE TO HOWTH SUNDAY 12TH 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 be in Dun Laoghaire Harbour between a Flag pole adjacent to the band stand on 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	LAT (53°N)	LONG (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

SOUTH AREA (S)

WINDWARD/LEEWARD TRIANGLE OR FIXED MARK

STARTING AREA: IN THE VICINITY OF EAST MARK (S)
(APPROX 53.18.16N & 06.05.68W)

VHF CHANNEL: 77

RACE OFFICER: PETER CROWLEY IRO

SIGNAL VESSEL: DISPLAYING GREEN DODGER



THE VOLVO V40CC THE PERFECT GETAWAY CAR

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 TRIANGLE: The main course marks may be orange Dynorod inflatable marks, the replacement weather mark, an orange Dynorod mark with a distinctive band and the offset 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.

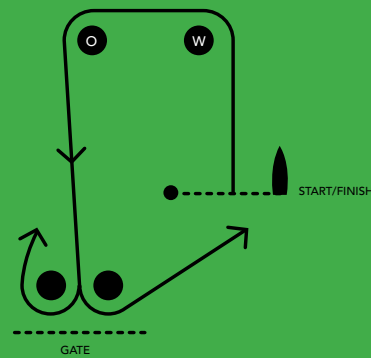
DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 9TH JULY 1 RACE	1525	CRUISER CLASS 0 CRUISER CLASS 1 J109 CRUISER CLASS 2	ICF Numeral 0 ICF Numeral 1 ICF 'J' ICF Numeral 2	1837 3.8m
FRIDAY 10TH JULY 2 RACES	1155	NON SPINAKEER 1 NON SPINAKEER 2 SHIPMAN GLEN	ICF Numeral 1 ICF Numeral 2 ICF 'W' ICF 'K'	0657 3.9m
SATURDAY 11TH JULY 2 RACES	1155	SB20 RS ELITE DRAGON RUFFIAN 23 BENETEAU FIRST 21	ICF 'K' ICF 'J' ICF 'D' ICF 'R' ICF 'A'	0810 3.9m
SUNDAY 12TH JULY 1 RACE	1055	SIGMA 33 BENETEAU 31.7 CRUISER CLASS 3 RS ELITE DRAGON	ICF 'E' ICF Numeral 9 ICF Numeral 3 ICF 'J' ICF 'D'	0920 3.9m

S1 THE START

- 1.1** 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 or a rib displaying an orange flag.
- 1.2** Boats whose warning signal has not been made shall avoid the starting area during the starting

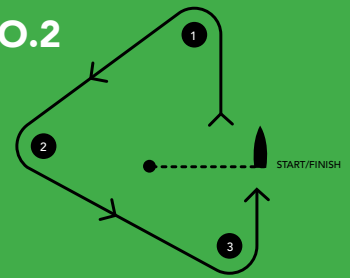
sequence for other races.

- 1.3** A boat starting later than 10 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.
- 1.4** If flag U has been displayed as the preparatory signal, no part of a boat's hull, crew, or equipment

DIAGRAM NO.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.
(Note: Scotsmans Bay finish option S2.8)

DIAGRAM NO.2**TRIANGLE****TRIANGLE
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

All marks to be rounded to port

(Note: Scotsmans Bay finish option S2.8)

shall be in the triangle formed by the ends of the starting line and the first mark during the last minute before her starting signal. If a boat breaks this rule and is identified, she shall be disqualified without a hearing but not if the race is restarted or resailed or postponed or abandoned before the starting signal. This changes rule 26 Starting Races and rule 63.1. When flag U is used as the preparatory signal, rule 29.1 Individual recall does not apply. The scoring abbreviation for a flag U penalty is UFD. This changes A11 Scoring Abbreviations.

- 1.5 In addition to rule 29.1, the Race Committee will attempt to broadcast individual OCS recalls by sail number on the course VHF channel, as soon as practical, but not less than 1 minute after the start. Failure to do so will not be grounds for redress. This changes rule 62.1(a).

S2 COURSES

- 2.1 Flag "B" will indicate Windward/Leeward course (diagram No.1) and Flag "T" will indicate a Triangle Course (diagram No.2).
- 2.2 The Diagrams No.1 and No.2 show the course, the order in which the marks are to be passed, the side on which each mark is to be left and the number of rounds.
- 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 area. 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 Shortened Course: As per rule 32 (Shortened Course) if a race committee boat is positioned at a mark and 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.
- 2.6 Windward/Leeward Course: 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 Windward/Leeward Course: while every effort will be made to lay the offset (O), in the event that this is not possible, boats shall, after rounding the windward mark to port, sail directly to the leeward gate or mark.
- 2.8 **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 Bay Mark (W). On passing

through the gate on the final round, boats shall sail to the finishing line, leaving the Battery Mark (T) (in Appendix 4) to starboard. The finishing vessel may be a different vessel to the starting vessel.

S3 CHANGE OF THE NEXT LEG OF THE COURSE

- 3.1 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. When the replacement mark is already in use, the course may be further reset using the original mark. A boat shall not request redress under rule 60.1(b) because of an action or no action by the race committee under this instruction. This mark may be an orange Dynorod mark with distinctive band. Any such change of course will be signalled at the leeward gate.
- 3.2 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 mast displaying a blue flag and a buoy.

S5 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 45 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.

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.

SOUTH BULL AREA (SB)

TRAPEZOID OR OLYMPIC

STARTING AREA: In the vicinity of South Bull Mark (D) (approx 53.20.00N & 06.08.30W)

VHF CHANNEL: 74

RACE OFFICER: Henry Leonard, NRO

SIGNAL VESSEL: Displaying Blue Dodger

THE VOLVO V60CC RUGGED AND REFINED



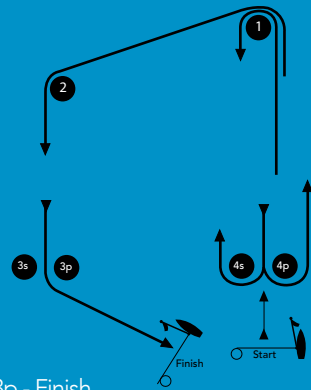
MARKS

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.

TRAPEZOID OR OLYMPIC: The course marks may be yellow inflatable marks.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 9TH JULY 2 RACES	1525	FIREBALL IDRA 14 LASER STD RIG MOTH	ICF 'F' ICF 'Q' Laser Class Flag ICF 'T'	1837 3.8m
FRIDAY 10TH JULY 3 RACES	1155	FLYING FIFTEEN SQUIB GP14 WAYFARER	Naval Numeral 6 ICF 'G' GP14 Class Flag ICF 'E'	0657 3.9m
SATURDAY 11TH JULY 3 RACES	1155	SQUIB MERMAID GP14 WAYFARER	ICF 'G' ICF 'M' GP14 Class Flag ICF 'E'	0810 3.9m
SUNDAY 12TH JULY 2 RACES	1055	SB20 FLYING FIFTEEN SQUIB GP14 WAYFARER	ICF 'K' Naval Numeral 6 ICF 'G' GP14 Class Flag ICF 'E'	0920 3.9m

DIAGRAM NO.1 INNER TRAPEZOID



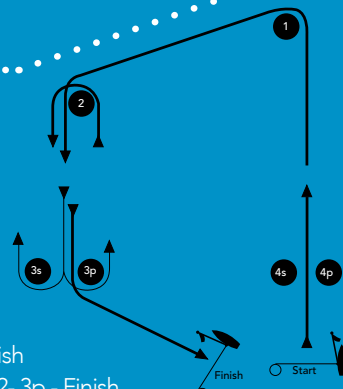
Signal Mark Rounding Order

I2 Start - 1 - 4s/4p - 1 - 2 - 3p - Finish

I3 Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish

I4 Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish

DIAGRAM NO.2 OUTER TRAPEZOID



Signal Mark Rounding Order

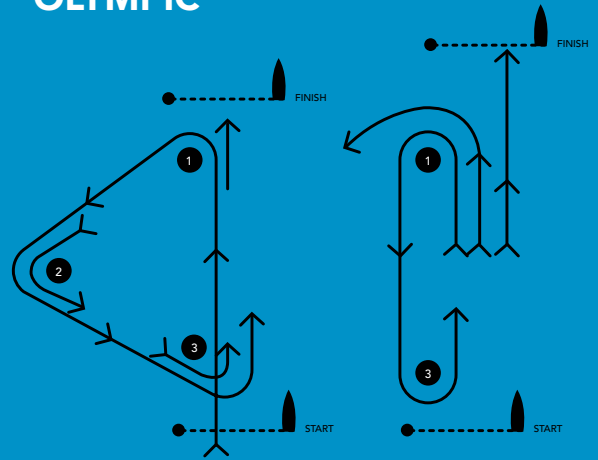
O1 Start - 1 - 2 - 3s/3p - Finish

O2 Start - 1 - 2 - 3s/3p - 2 - 3p - Finish

O3 Start - 1 - 2 - 3s/3p - 2 - 3s/3p - 2 - 3p - Finish

O4 Start - 1 - 2 - 3s/3p - 2 - 3s/3p - 2 - 3s/3p - 2 - 3p - Finish

DIAGRAM NO.3 OLYMPIC



Signal Mark Rounding Order

L1 Start - 1 - 2 - 3 - Finish

L2 Start - 1 - 2 - 3 - 1 - 3 - Finish

L3 Start - 1 - 2 - 3 - 1 - 3 - 1 - 2 - 3 - Finish

L4 Start - 1 - 2 - 3 - 1 - 3 - 1 - 2 - 3 - 1 - 3 - Finish

All marks to be rounded to port

SB1 THE START

- 1.1** To alert boats that a sequence of races will begin soon an orange flag will be displayed with one sound signal for at least three minutes before a warning signal is displayed.
- 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, or a rib displaying an orange flag.
- 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** If flag U has been displayed as the preparatory signal, no part of a boat's hull, crew, or equipment shall be in the triangle formed by the ends of the starting line and the first mark during the last minute before her starting signal. If a boat breaks this rule and is identified, she shall be disqualified without a hearing but not if the race is restarted or resailed or postponed or abandoned before the starting signal. This changes rule 26 Starting Races and rule 63.1. When flag U is used as the preparatory signal, rule 29.1 Individual Recall does not apply. The scoring abbreviation for a flag U penalty is UFD. This changes A11 Scoring Abbreviations.

SB2 COURSES

- 2.1** The Diagrams 1, 2 & 3 show the courses, including the course signals, the order in which

marks are to be passed, and the side on which each mark is to be left. For Trapezoid Courses mark 3 & mark 4 are shown as a gate, 3s/3p & 4s/4p, which the Race Committee may replace by a single mark 3 or 4. If a single mark 3 or 4 is used, it is to be left to port.

- 2.2** The course signals will be displayed on boards on the signal vessel from approximately 4 minutes before the start of each class to approximately 1 minute after the start of each class
- 2.3** Board 'I' with numeral board will indicate Inner Trapezoid course and number of rounds (Diagram 1). Board 'O' with numeral board will indicate Outer Trapezoid and number of rounds (Diagram 2). Board 'L' with numeral board will indicate Olympic course and number of rounds (Diagram 3).
- 2.4** No later than the warning signal, the signal vessel may display the approximate compass bearing of the first leg

SB3 CHANGE OF A LEG OF THE COURSE

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

SB4 THE FINISH

The finishing line will be between a mast displaying a blue flag and a buoy.

SB5 TIME LIMITS

Boats will be timed up to 15 minutes after the first boat of their class finishes, otherwise they will be scored DNF. This changes rule 35 & A4.

SALTHILL AREA (SH)

TRAPEZOID OR OLYMPIC

STARTING AREA: In the vicinity of Salthill Mark (A) (approx 53.18.36N & 06.09.00W)

VHF CHANNEL: 71

RACE OFFICERS: Harry Gallagher, NRO :
(Tom Hudson LRO Water Wags Friday evening)

SIGNAL VESSEL: Displaying Orange Dodger.



THE VOLVO XC60 DESIGNED TO THRILL

START & FINISH MARKS: 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.

TRAPEZIOD OR OLYMPIC MARKS: The course marks may be Orange inflatable marks.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 9TH JULY 2 RACES	1525	BENETEAU FIRST 21 FLYING 15 SQUIB WAYFARER MERMAID	ICF "A" Naval Numeral 6 ICF "G" ICF "E" ICF "M"	1837 3.8m
FRIDAY 10TH JULY 3 RACES	1155	MERMAID FIREBALL IDRA 14 LASER STD RIG MOTH	ICF "M" ICF "F" ICF "Q" Laser Class Flag ICF "T"	0657 3.9m
SATURDAY 11TH JULY 3 RACES	1155	FLYING FIFTEEN FIREBALL/RS200/400 IDRA 14 LASER STD RIG MOTH WATER WAG	Naval Numeral 6 ICF "F & ICF "R" ICF "Q" Laser Class Flag ICF "T" Water Wag Burgee	0810 3.9m
SUNDAY 12TH JULY 2 RACES	1055	MERMAID FIREBALL/RS200/400 IDRA 14 LASER STD RIG MOTH WATER WAG	ICF "M" ICF "F & ICF "R" ICF "Q" Laser Class Flag ICF "T" Water Wag Burgee	0920 3.9m

WATER WAGS COURSES

Friday 10th July: The Harbour Course will be decided on the day and notified to the Class Captain before going afloat. First warning signal 1840.

Sat 11th & Sun 12th July: When a Trapezoid Course is in use, the Water Wags shall sail a Windward/Leeward Course on the Inner Trapezoid and Finish between the Start Signal Vessel and an Outer Limit Mark set on her starboard side. The number of rounds shall be displayed on a board on the Signal Vessel.

COASTAL AREA (C)

COASTAL OR FIXED MARK

STARTING AREA: In the vicinity of Bay Mark (W) (Black) 53.17.73N – 06.07.10W
VHF CHANNEL: 73 (backup channel VHF CH 08)
RACE OFFICERS: David Lovegrove, IRO (Thursday & Sunday), Con Murphy (Friday & Saturday)
SIGNAL VESSEL: Displaying Grey Dodger



THE VOLVO XC90 OUR IDEA OF LUXURY

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.

IRC OFFSHORE: The Chart in page 26 indicates the name, type and approximate bearings of the marks and buoys.

NON SPINNAKER & FIXED MARK: The Chart in Appendix 4 indicates the letters of the conical and shaped racing marks and the approximate bearings are shown in Appendix 3.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 9TH JULY 1 RACE	1500 1525	IRC OFFSHORE NON SPINNAKER 1 NON SPINNAKER 2	ICF Numeral 3 ICF Numeral 1 ICF Numeral 2	1837 3.8m
FRIDAY 10TH JULY 1 RACE	1030	IRC OFFSHORE	ICF Numeral 3	0657 3.9m
SATURDAY 11TH JULY 1 RACE	1030	IRC OFFSHORE	ICF Numeral 3	0810 3.9m
SUNDAY 12TH JULY 1 RACE	1030 1055	IRC OFFSHORE NON SPINNAKER 1 NON SPINNAKER 2	ICF Numeral 3 ICF Numeral 1 ICF Numeral 2	0920 3.9m

IRC OFFSHORE CLASS - COURSE CARD - PAGE 26

NON SPINNAKER - FIXED MARK COURSE - APPENDIX 4

C1 THE START (IRC Offshore & Non Spinnaker)

- 1.1 To alert boats that a sequence of races will begin soon an orange flag will be displayed with one sound signal for at least three minutes before a warning signal is displayed.
- 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 10 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rules A4 and A5.
- 1.5 If flag U has been displayed as the preparatory signal, no part of a boat's hull, crew, or equipment shall be in the triangle formed by the ends of the starting line and the first mark during the last minute before her starting signal. If a boat breaks this rule and is identified, she shall be disqualified without a hearing but not if the race is restarted or resailed or postponed or abandoned before the starting signal. This changes rule 26 Starting Races and rule 63.1. When flag U is used as the preparatory signal, rule 29.1 Individual Recall does not apply. The scoring abbreviation for a flag U penalty is UFD. This changes A11 Scoring Abbreviations.

C2 COASTAL COURSE (IRC Offshore)

- 2.1 References and positions of the marks are shown on the chart on page 26.
- 2.2 The course 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 area.
- 2.3 The race committee will broadcast the course to be sailed before the warning signal and it will be repeated at the start.
- 2.4 When flag 'F' is displayed on the signal vessel a fixed mark course will be set as described in C3.

C3 FIXED MARK COURSE (Non Spinnaker 1 & 2)

- 3.1 The course will be sailed around fixed marks as shown on the chart in Appendix 4.
- 3.2 The order in which the marks are to be rounded and on which hand will be broadcast on the designated VHF Channel for the area and be displayed on a board on the signal vessel.
- 3.3 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.

C4 THE FINISH (IRC Offshore & Non Spinnaker)

- 4.1 The finish will be in the vicinity of Bay Mark (W) in Appendix 4. The finishing line will be between a mast on a finishing vessel displaying a blue flag and a buoy.
- 4.2 After rounding the last mark of the course, boats shall sail to the finishing line, leaving the Battery Mark (T) in Appendix 4 to starboard. The finishing vessel may be a different vessel to the starting vessel.

C5 SHORTENED COURSE

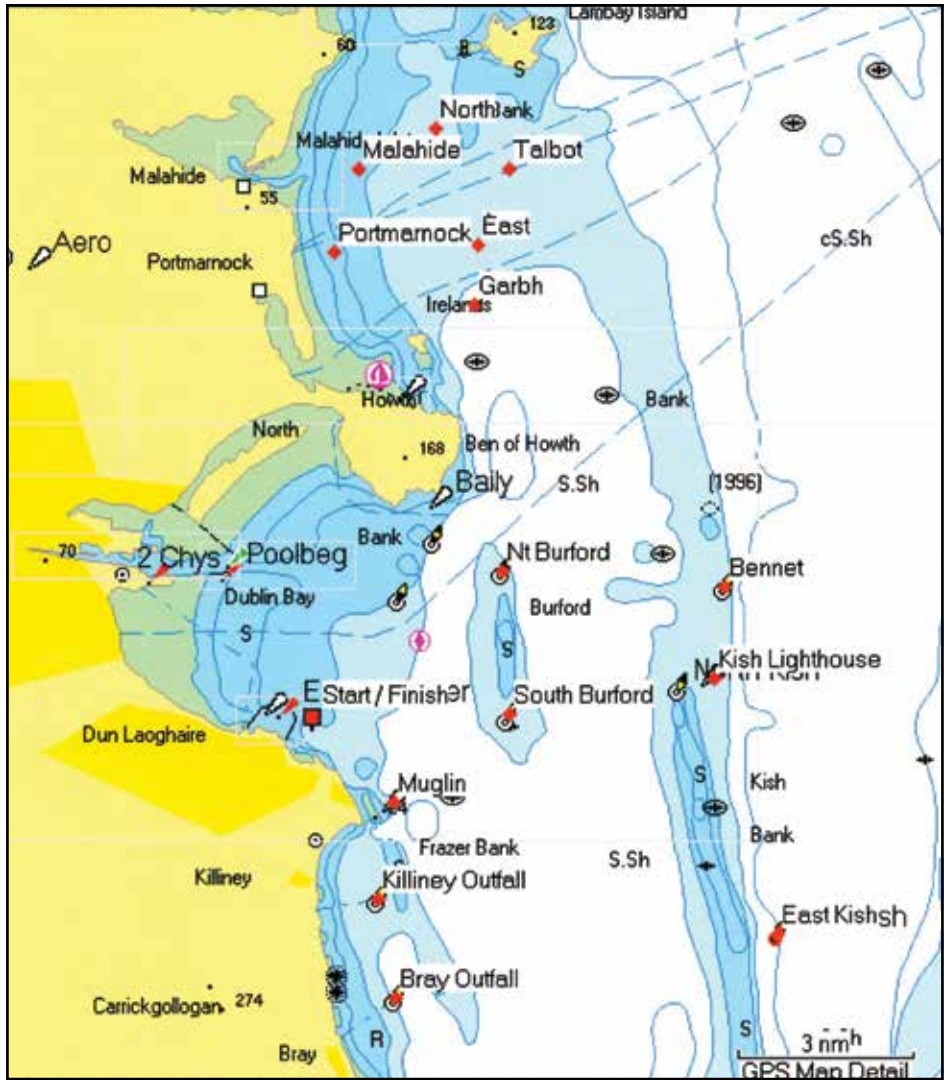
(IRC Offshore & Non Spinnaker)
The course may be shortened by a broadcast on VHF CH73 at any stage. A finishing vessel displaying the appropriate flag may also be located at the Finish Mark.

C6 TIME LIMITS, ALTERNATIVE FINISH AND DECLARATIONS

- 6.1 TIME LIMITS (IRC Offshore & Non Spinnaker) The time limit for Thursday 9th July will be 1900, Friday 10th and Saturday 11th July- 1800 and Sunday 12th July 1400.
- 6.2 ALTERNATIVE FINISH (IRC Offshore Only)
 - a) If no boats complete the course by the time limit, the results will be based on the rounding times received from the last mark on the course that ALL boats had rounded.
 - b) If some boats finish within the time limit, the results for these boats will be based on their finishing times and the results for subsequent places (for boats outside the time limit) shall be based on their times at the last mark of the course rounded by all boats.
- 6.3 RECORDING & DECLARATION (IRC Offshore Only) To facilitate the Alternative Finish described in 6.2 above, all boats in the IRC Offshore Class must record the GPS time (local time minus 1hr) of their rounding of every mark on the course and their finish time. Boats will be considered to have rounded a mark when the bearing from the boat's helm position to the mark is the reciprocal of the course from the previous mark. These times, together with the date and boat name, must be delivered to the Race Office within the protest time limit. **This is a mandatory declaration** and failure to comply with the requirement will result in the boat being scored DNF in the event of the Alternative Finish procedure being used. IRC Offshore Declaration Forms are available in the Race Office.

**IRC OFFSHORE
CLASS ONLY**

**COASTAL
AREA MAP**



REF	NAME	TYPE	LAT (N)	LONG (W)
REF	NAME	TYPE	LAT (N)	LONG (W)
1	NORTH	HYC RACING (BLACK CONICAL)	53° 27.99'	06° 03.40'
2	MALAHIDE	HYC RACING (BLACK CONICAL)	53° 27.23'	06° 05.59'
3	TALBOT	HYC RACING (BLACK CONICAL)	53° 27.31'	06° 01.30'
4	PORTMARNOCK	HYC RACING (BLACK CONICAL)	53° 25.89'	06° 06.30'
5	EAST	HYC RACING (BLACK CONICAL)	53° 26.00'	06° 02.20'
6	GARBH	HYC RACING (BLACK CONICAL)	53° 25.00'	06° 02.32'
7	NORTH BURFORD	CARDINAL BUOY	53° 20.50'	06° 01.49'
8	BENNET	CARDINAL BUOY	53° 20.17'	05° 55.13'
9	SOUTH BURFORD	CARDINAL BUOY	53° 18.06'	06° 01.29'
10	KISH LIGHT	LIGHT HOUSE	53° 18.65'	05° 55.42'
11	MUGLINS	ISLAND	53° 16.52'	06° 04.58'
12	KILLINEY OUTFALL	OUTFALL BUOY	53° 14.90'	06° 05.12'
13	BRAY OUTFALL	OUTFALL BUOY	53° 13.25'	06° 04.49'
14	EAST KISH	LATERAL MARK	53° 14.35'	05° 53.62'

GENERAL INFORMATION

ORGANISING COMMITTEE

Timothy Goodbody (Chairman), Martin Byrne, Con Murphy, Peter Ryan, Sarah-Jane Leonard, Ciara Dowling

CLUB REPRESENTATIVES

Dermot Reidy (DMYC), Larry Power (NYC), Paul Sherry (RIYC), Justin McKenna (RSGYC)

Event Secretary:	Ciara Dowling
Race Office Manager:	Catriona McNally
Results:	Denis Kiely/Peadar Murphy
Director of Racing:	Con Murphy
Protest Committee Chairman:	Mike Butterfield (IJ GBR)

PROTEST COMMITTEE

Mike Butterfield (IJ GBR) Chairman
Other Local Judges

SUB COMMITTEE – RACING

Con Murphy
Neil Colin
Jack Roy
Henry Leonard
Brian Craig
David Lovegrove
Alan Kelly

PRIZEGIVINGS

Thursday - Day Prizegiving
2030 Royal Irish Yacht Club

Friday - Day Prizegiving
1900 Dun Laoghaire Motor Yacht Club

Saturday - Day Prizegiving
1900 Royal St George Yacht Club

Sunday - Overall Prizegiving & Closing Ceremony
1500 National Yacht Club

CONTACT NUMBERS

DMYC	+353 1 280 1371
NYC	+353 1 280 5725
RIYC	+353 1 280 9452
RSGYC	+353 1 280 1811
Race Office Tel:	+353 86 0688391

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 8th to Monday 13th July, 2015. 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 13th July, 2015. 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 all commercial shipping entering and departing Dublin Port. See Shipping Schedule on page 11.

ACKNOWLEDGEMENTS

The Volvo Dun Laoghaire Regatta Committee wishes to thank the Dublin Bay Sailing Club, the Royal Alfred Yacht Club, Howth Yacht Club, Sutton Dinghy 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, Dublin Port Harbour Master, Gerry Dunne, CEO Dun Laoghaire Harbour Company, Captain Simon Coate, Harbourmaster and Tim Ryan, Operations Manager. 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, partners and supporters but in particular our title sponsors VOLVO Car Ireland Ltd & Spirit Motor Group Ltd who make the event possible.

Publication design & layout by Baily Publications.

APPENDIX 1

TIDAL STREAMS



LW

Streams slack close inshore south side of bay



HW

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



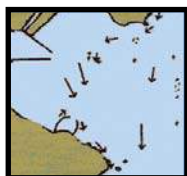
LW+1



HW+1



LW+2

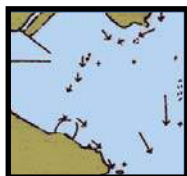


HW+2



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 close into south shore of bay & North of Baily



HW+5

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

APPENDIX 2

CODE FLAGS

CRUISER CLASS 0	NUMERAL 0	
CRUISER CLASS 1	NUMERAL 1	
J109	J	
SIGMA 33	E	
BENETEAU 31.7	NUMERAL 9	
CRUISER CLASS 2	NUMERAL 2	
NON SPINNAKER 1	NUMERAL 1	
NON SPINNAKER 2	NUMERAL 2	
IRC OFFSHORE	NUMERAL 3	
CRUISER CLASS 3	NUMERAL 3	
CRUISER CLASS 4	NUMERAL 4	
RUFFIAN 23	R	
SHIPMAN	W	
GLEN	K	
HOWTH 17	C	
SQUIB	G	
RS ELITE	J	
DRAGON	D	
FLYING 15	NAVAL NUMERAL 6	
SB20	K	
FIREBALL	F	
MERMAID	M	
IDRA 14	Q	
WATER WAG	WATER WAG BURGEE	
BENETEAU FIRST 21	A	
LASER STANDARD RIG	LASER CLASS FLAG	
GP14	GP14 CLASS FLAG	
RS200/RS400	R	
MOTH	T	
WAYFARER	E	

APPENDIX 3

DUBLIN BAY FIXED MARK POSITIONS (APPROX)

REF	MARK NAME	COLOUR	LAT (53°N)	LONG (06°W)
A	SALTHILL	ORANGE	18.36	09.00
B	SAOIRSE	BLACK	19.02	08.15
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
SB	SHANGANAGH 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	BATTERY	GREEN/WHITE	17.46	06.68
V	PIER	ORANGE	18.10	06.84
XC60	VOLVO XC60	YELLOW INFLATABLE	17.70	02.70
X	TURNING	YELLOW	18.43	08.34
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	18.06	01.29

APPENDIX 4



WEST PIER STARTING HUT

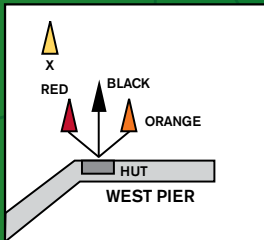


CHART OF DUBLIN BAY

NOT TO SCALE. NOT TO BE USED FOR NAVIGATION



● SHANGANAGH BUOY