



VOLVO DÚN LAOGHAIRE REGATTA

IN PARTNERSHIP WITH SPIRIT MOTOR GROUP



**1817
2017**
WWW.DLREGATTA.ORG



06 - 09 JULY 2017 SAILING INSTRUCTIONS



**CELEBRATING
DUN LAOGHAIRE HARBOUR
1817-2017**



Spirit
motor group



SAILING INSTRUCTIONS

VOLVO DUN LAOGHAIRE REGATTA

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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.

GENERAL REGULATIONS (GR)

GR1 ORGANISING AUTHORITY & RULES

- 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 RRS of Sailing (RRS).
- 1.3 The Irish Sailing Association Prescriptions to The Racing of Sailing 2017-2020 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 RRS 60.1.
- 1.5 ECHO handicaps shall 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 an initial handicap based on the boat's IRC TCC or, where the boat does not have an IRC TCC, the boat's standard ECHO will be used 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 RRS 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.

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, RRS 40 applies and

all competitors shall wear personal floatation devices at all times while afloat.

- 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 signal vessel or from the hut positioned on the West Pier and the course will be sailed around fixed marks as shown on the chart in 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.

SCHEDULE OF RACES

- 5.1 Dates of racing are from Thursday 6th – Sunday 9th July 2017.
- 5.2 The schedule time for the warning signal for the first race each day is:

Thursday 6th July 2017

- 1425: IRC Offshore Class
- 1455: All Areas except Classic Keelboats
- 1525: Classic Keelboats

Friday 7th July 2017

- 1025: IRC Offshore Class
- 1055: All Areas except Classic Keelboats
- 1155: Classic Keelboats

Saturday 8th July 2017

- 1025: IRC Offshore Class
- 1055: All Areas except Classic Keelboats and Howth J80
- 1155: Classic Keelboat and Howth J80

Sunday 9th July 2017

- 1025: IRC Offshore Class
- 1055: All Areas except Classic Keelboats
- 1155: Classic Keelboats

- 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 1355.

CLASSES	THURS 6TH JULY	FRI 7TH JULY	SAT 8TH JULY	SUN 9TH JULY
CRUISER CLASS 0	NORTH	COASTAL (OFFSHORE)	CENTRE	COASTAL (INSHORE)
CRUISER CLASS 1				SOUTH
CRUISER CLASS 2	2 RACES	1 RACE	3 RACES	2 RACES
IRC OFFSHORE	COASTAL (OFFSHORE)	COASTAL (OFFSHORE)	COASTAL (OFFSHORE)	COASTAL (OFFSHORE)
SIGMA 33	SOUTH	CENTRE	NORTH	COASTAL (INSHORE)
BENETEAU 31.7				1 RACE
J24	2 RACES	3 RACES	3 RACES	
CRUISER CLASS 3				SOUTH 2 RACES
NON SPINNAKER 1	COASTAL (INSHORE)	SOUTH	COASTAL (INSHORE)	NORTH
NON SPINNAKER 2	1 RACE	3 RACES	2 RACES	2 RACES
CRUISER CLASS 5	SOUTH BULL	CENTRE 3 RACES	SOUTH	CENTRE 2 RACES
SHIPMAN		SOUTH		NORTH
GLEN/FIFE OD	2 RACES	3 RACES	3 RACES	2 RACES
BENETEAU 211				CENTRE 2 RACES
HOWTH 17	NO RACE	HOWTH TO DL		DL TO HOWTH
HOWTH J80	NO RACE	HOWTH TO DL	COASTAL (INSHORE)	DL TO HOWTH
MIXED SPORTS	CENTRE	NORTH	CENTRE 3 RACES	NORTH 2 RACES
SB20			NORTH	CENTRE
DRAGON/RS ELITE	2 RACES	3 RACES	3 RACES	2 RACES
CRUISER CLASS 4			SOUTH	
RUFFIAN 23			3 RACES	SOUTH BULL 2 RACES
FLYING FIFTEEN	SALTHILL	SOUTH BULL	SOUTH BULL	SOUTH BULL
SQUIB				
MERMAID	2 RACES	3 RACES	3 RACES	2 RACES
GP14	NO RACE			SALTHILL 2 RACES
FIREBALL/WAYFARER	NO RACE	SOUTH BULL	SALTHILL	SALTHILL
LASER STD & RADIAL	NO RACE	SALTHILL		
420	NO RACE	3 RACES	3 RACES	2 RACES
IDRA 14	NO RACE		SOUTH BULL 3 RACES	HARBOUR
WATER WAG/ CLASSIC DINGHY	NO RACE		SALTHILL	2 RACES
MOTH	NO RACE			
CLASSIC KEELBOAT	COASTAL (INSHORE)	COASTAL (INSHORE)	COASTAL (INSHORE)	COASTAL (INSHORE)

GR6 FLAGS

- 6.1 Class flags will be as indicated in the Area Sections and in 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, Class 5, 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). Coastal Area (page 73) shows the approximate location of the designated racing areas and the letters identifying the marks which will be broadcast when setting Fixed Mark Courses and Coastal Fixed Mark Courses.

GR8 RESTRICTED AREAS

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

- 8.1 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.
- 8.2 Dalkey Sound (as shown in Appendix 4)
- 8.3 The 40FT Bathing Area is marked by small yellow conical buoys and no boat shall sail inside these buoys.

GR9 PROTESTS & REQUESTS FOR REDRESS

- 9.1 Protest forms are available at the Race Office beside the Plaza. Protests and requests for redress or re-opening shall be delivered to the protest convenor's office in the Race Office within the appropriate time limit.
- 9.2 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 RRS 61.3 and 62.2.
- 9.3 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.
- 9.4 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 RRS 61.1(b). Protest hearings may commence before this time.
- 9.5 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 RRS 66.
- 9.6 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 RRS 62.2.

9.7 Arbitration

As an alternative to a full Protest hearing an Arbitration system may be used, particularly for RRS 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 RRS 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 RRS 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 RRS 66 which shall be heard by the Protest Committee. Disqualification shall result if any RRS 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 RRS 63 and qualifies RRS 64.1.

- 9.8 Parties concerned in protests should identify themselves to the Protest Convenor and wait in the designated area adjacent to the Race Office.
- 9.9 The Protest committee has discretion as to penalties for breaches of Sailing Instructions GR6.2, 8, 12, 13, 14, and RRS 55 (Trash).

GR10 PENALTY SYSTEM

For Classic Cruiser, Classic Dinghy and Water Wag classes RRS 44.1 is changed so that the Two-Turn Penalty is replaced by the One-Turn Penalty.

GR11 SCORING & RESULTS

- 11.1 One race is required to be completed to constitute a series.
- 11.2
 - 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.
- 11.3 Results will be posted 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 shall 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 The wearing of personal flotation devices is mandatory for all dinghy classes and strongly recommended for all other classes.

GR13 EQUIPMENT & MEASUREMENT CHECKS

A boat or equipment may be inspected at any time for compliance with the class RRS 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 PRIZES

- 15.1 a) Overall first, second and third prize will be awarded for the series for each class where there are ten or more entrants.
b) Overall first and second prize will be awarded for the series for each class where there are seven to nine entrants.
c) Overall first will be awarded for the series for each class where there are six or less entrants.
- 15.2 A day prize will be awarded to the best boat in each class on Thursday, Friday and Saturday. 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.

- 15.3 The Dubarry Shamrock Trophy may be presented, at the discretion of the committee, to Boat of the Week.
- 15.4 The Salamander Trophy provided by the Royal Dee Yacht Club may be presented, at the discretion of the committee, to the best Visiting Boat.
- 15.5 The Kingstown 200 Trophy provided by Dun Laoghaire Harbour Company, may be presented to the best overall Classic Boat.
- 15.6 The Collen Cup presented by Pamela Collen in memory of Euphemia Collen, may be presented to the best overall Water Wag.
- 15.7 Full list of Perpetual trophies (see page 56)

GR16 DISCLAIMER OF LIABILITY

Competitors participate in the regatta entirely at their own risk. See RRS 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.

GR17 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.

Volvo Dun Laoghaire Regatta - Perpetual Trophies 2017

SPECIAL TROPHIES

Boat of the Week
Best Overall Classic Boat
Best Overall IRC
Best One Design/Keelboat
Best Dinghy/Small Keelboat
Best Visiting Boat
IRC Offshore Class Challenge Trophy
Royal Dee Irish Sea Offshore Championship
Best DBSC Non Spinnaker
Best Overall ECHO
Most Successful Royal St George YC Boat
Best Overall Flying 15
Best Overall Ruffian 23
Best Overall IDRA 14
Most Successful Water Wag

TROPHY NAME

The Dubarry Boot
Kingstown 200 Trophy
The Volvo Trophy
Royal Irish YC HM Naval Base Trophy
National YC Darthula Trophy
Salamander Trophy
Sealink Trophy
Royal Dee Yacht Club Trophy
DBSC Non Spinnaker Trophy
Royal Irish YC Perpetual Trophy
Royal Kingstown Yacht Club Silver Trophy
National YC Perpetual Trophy
Dun Laoghaire Motor YC Perpetual Trophy
Dun Laoghaire Motor YC Perpetual Trophy
Collen Cup



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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: DAVID LOVEGROVE IRO

SIGNAL VESSEL: DISPLAYING YELLOW DODGER



THE VOLVO V40

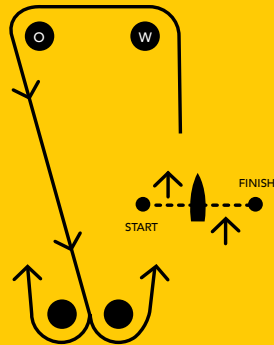
MARKS

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 Dyno-Rod inflatable marks, the replacement weather mark, an orange mark with a distinctive band and the offset mark a dan buoy type.

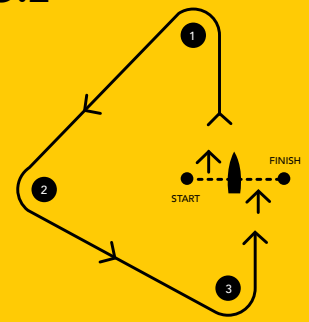
FIXED MARK: The Chart in Appendix 4 indicates the letters of the fixed marks and the approximate positions are shown in Appendix 3.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 2 RACES	1455	CRUISER CLASS 0 CRUISER CLASS 1 CRUISER CLASS 2	ICF Numeral 0 ICF Numeral 1 ICF Numeral 2	1103 3.7m
FRIDAY 7TH JULY 3 RACES	1055	MIXED SPORTSBOATS SB20 DRAGON/RS ELITE RUFFIAN 23 CRUISER CLASS 4	ICF '3rd Sub' ICF "K" ICF "D" & ICF Numeral 1 ICF "R" ICF Numeral 4	1144 3.8m
SATURDAY 8TH JULY 3 RACES	1055	SIGMA 33 BENETEAU 31.7 J24/CRUISER CLASS 3 SB20 DRAGON/RS ELITE	ICF "E" ICF Numeral 9 ICF "J" & ICF Numeral 3 ICF "K" ICF "D" & ICF Numeral 1	1219 3.8m
SUNDAY 9TH JULY 2 RACES	1055	MIXED SPORTSBOATS NON SPINNAKER 1 NON SPINNAKER 2 SHIPMAN GLEN/FIFE OD	ICF '3rd Sub' ICF Numeral 1 ICF Numeral 2 ICF "W" ICF "K" & ICF "F"	1253 3.8m

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.

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

N1 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 a red and white staff or the main mast of 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 10 minutes after her starting signal will be scored Did Not Start without a hearing. This changes RRS A3 and A5.
- 1.5 In addition to RRS 29.1, the Race Committee will if possible broadcast individual OCS recalls by sail number on the course VHF channel. Failure to do so or delay or the order of the broadcast will not be grounds for a request for redress. This changes RRS 62.1(a)

N2 COURSES

- 2.1 Flag "B" will indicate windward/leeward course (diagram No.1), and Flag "T" will indicate a Triangular 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. This changes RRS 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 RRS 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 RRS 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.

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 60.1(b) because of an action or no action by the race committee under this instruction. This mark may be an orange 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 RRS 33.

N4 THE FINISH

The finish line will be between a staff/mast displaying a blue flag on the signal vessel at the port end and the course side of an inflatable mark or dan buoy at the starboard end.

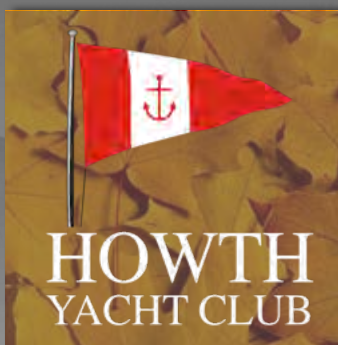
N5 TIME LIMITS

- 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 RRS 35, A3 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 RRS 35, A3 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

- 6.3 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.



38th Autumn League

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SOUTH BULL AREA (SB)

TRAPEZOID OR OLYMPIC

STARTING AREA: In the vicinity of Seapoint Mark (C) (approx. 53.19.48N & 06.08.60W)

VHF CHANNEL: 74

RACE OFFICER: Suzanne McGarry, NRO

SIGNAL VESSEL: Displaying Blue Dodger

THE VOLVO S90



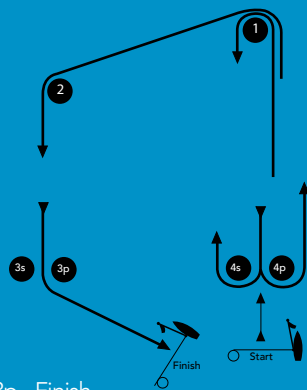
MARKS

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.

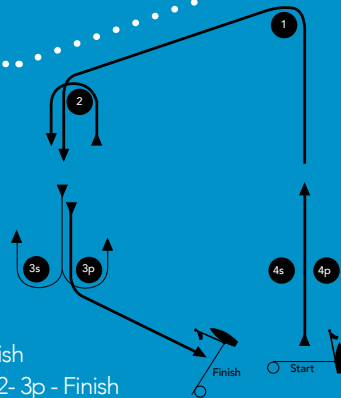
DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 2 RACES	1455	Shipman Cruiser Class 5 Glen/Fife OD Beneteau 211	ICF "W" ICF Numeral 5 ICF "K" & ICF "F" ICF "A"	1103 3.7m
FRIDAY 7TH JULY 3 RACES	1055	Flying Fifteen Squib Mermaid GP14 Fireball/Wayfarer	Naval Numeral 6 ICF "G" ICF "M" GP14 Class Flag ICF "F" & ICF "E"	1144 3.8m
SATURDAY 8TH JULY 3 RACES	1055	Flying Fifteen Squib Mermaid GP14 IDRA 14	Naval Numeral 6 ICF "G" ICF "M" GP14 Class Flag ICF "Q"	1219 3.8m
SUNDAY 9TH JULY 2 RACES	1055	Ruffian 23 Flying Fifteen Squib Mermaid	ICF "R" Naval Numeral 6 ICF "G" ICF "M"	1253 3.8m

DIAGRAM NO.1 INNER TRAPEZOID



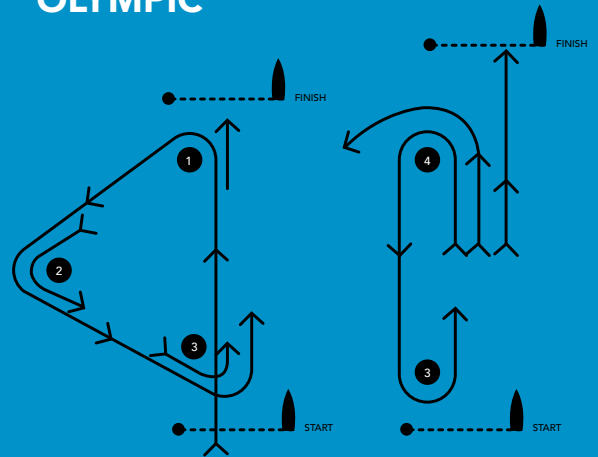
Signal	Mark Rounding Order
I2	Start - 1 - 4s/4p - 1 - 2 - 3p - Finish
I3	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish
I4	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish

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 a red and white staff 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 RRS A3 and A5.

SB2 COURSES

- 2.1 The Diagrams 1, 2 and 3 show the courses, including the course signals, the order in which each mark is to be passed, and the side on which each mark is to be left. For the Trapezoid Course, mark 3 and mark 4 are shown as a gate, 3s/3p and 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 THE NEXT LEG OF THE COURSE

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

SB4 THE FINISH

The finish line will be between a staff/mast displaying a blue flag on the finishing vessel at the starboard end and the course side of an inflatable mark or dan buoy at the port end.

SB5 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 RRS 35, A3 and A5.

SALTHILL AREA (SH)

TRAPEZOID OR OLYMPIC

THE VOLVO XC60

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.

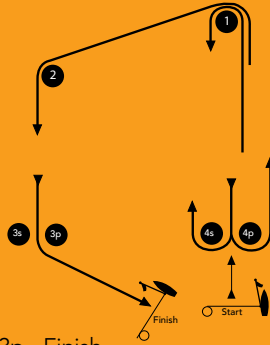


START & FINISH: Starting and finishing marks may be either candy striped, dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type.

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

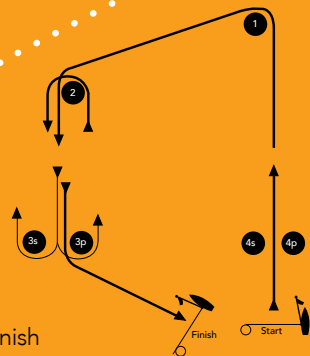
DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 2 RACES	1455	Flying 15 Squib Mermaid	Naval Numeral 6 ICF "G" ICF "M"	1103 3.7m
FRIDAY 7TH JULY 3 RACES	1055	Water Wags/Classic dinghy Moth IDRA 14 420 Laser Std & Radial	Water Wags & ICF "O" ICF "T" ICF "Q" 420 Class Flag Laser Class Flag	1144 3.8m
SATURDAY 8TH JULY 3 RACES	1055	Water Wags/Classic dinghy Moth Fireball/Wayfarer 420 Laser Std & Radial	Water Wags & ICF "O" ICF "T" ICF "F" & ICF "E" 420 Class Flag Laser Class Flag	1219 3.8m
SUNDAY 9TH JULY 2 RACES	1055	GP14 Fireball/Wayfarer 420 Laser Std & Radial	GP14 Class Flag ICF "F" & ICF "E" 420 Class Flag Laser Class Flag	1253 3.8m

DIAGRAM NO.1 INNER TRAPEZOID



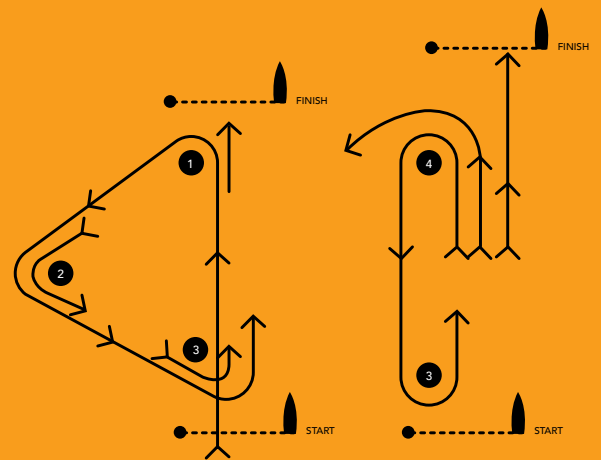
Signal	Mark Rounding Order
I2	Start - 1 - 4s/4p - 1 - 2 - 3p - Finish
I3	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish
I4	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish

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

SH1 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 a red and white staff 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 RRS A3 and A5.

SH2 COURSE

- 2.1 The Diagrams 1, 2 and 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 the Trapezoid Courses mark 3 and mark 4 are shown as a gate, 3s/3p and 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.
- 2.5 **Water Wags Fri 7th/Sat 8th 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.

SH3 CHANGE OF THE NEXT LEG OF THE COURSE

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

SH4 THE FINISH

The finish line will be between a staff/mast displaying a blue flag on the finishing vessel at the starboard end and the course side of an inflatable mark or dan buoy at the port end.

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 RRS 35, A4 and A5.

HARBOUR AREA (H) FIXED MARK

STARTING AREA: Harbour
VHF CHANNEL: 69
RACE OFFICER: Tom Hudson
SIGNAL VESSEL: Displaying Black
 Dodger



THE VOLVO S60

MARKS

START & FINISH: Starting and finishing marks may be either a dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type.

WINDWARD/LEEWARD OR TRIANGLE: The course marks may be dan buoy or inflatable marks

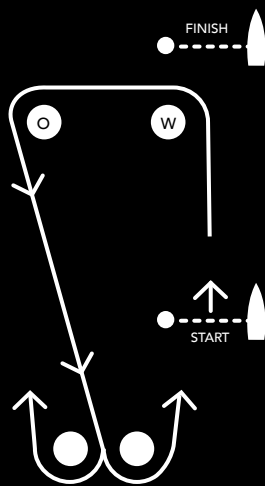
DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
SUNDAY 9TH JULY 2 RACES	1055	MOTH IDRA 14 WATER WAGS/ CLASSIC DINGHIES	ICF "T" ICF "Q" WATER WAG BURGEE & ICF "O"	1253 3.8m

H1 COURSES

- 1.1 The courses will be either windward-leeward or triangular.
- 1.2 No later than the warning signal, the signal vessel will display the course to be sailed on a board. 'W' will indicate a windward-leeward course; 'T' will indicate a triangular course.
- 1.3 A windward-leeward course shall consist of a windward mark, an offset mark and a leeward gate formed by two marks.
A triangular course will consist of three marks (windward, gybe, leeward) leaving all marks to port.
- 1.4 No later than the warning signal the number of rounds to be sailed will be displayed on a board on the signal vessel.

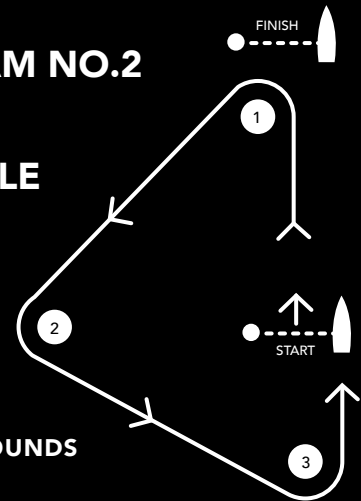
H2 THE START

- 2.1 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.
- 2.2 The starting line will be between a staff on the signal vessel displaying an orange flag at the starboard end and a RIB displaying an orange flag on a red and white staff or a distinctive mark at the port end.
- 2.3 A boat starting later than 5 minutes after her starting signal will be scored 'Did Not Start' without a hearing. This changes RRS A3 and A5.

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.

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

H3 CHANGE OF THE NEXT LEG OF THE COURSE

- 3.1 To change the next leg of the course, the race committee will move the original mark (or the finishing line) to a new position.
- 3.2 Except at a gate, boats shall pass between the race committee vessel signalling the change of the next leg and the nearby mark, leaving the mark to port and the race committee vessel to starboard. This changes RRS 28.
- 3.3 The race committee may make minor adjustments to the course without indicating a change of course. This changes RRS 33.

H4 THE FINISH

- 4.1 The finish will be to windward of the last mark of the course
- 4.2 The finishing line will be a staff/mast displaying a blue flag on the finishing vessel at the starboard end and the course side of an dan buoy at the port end.

- 4.3 Where the leeward gate is used to finish, the committee vessel will be positioned either beside one of the gate marks or will replace one of the gate marks and in either case the main mast/staff on the finishing vessel and the other mark will form the line.

H5 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 RRS 35, A3 and A5.

CENTRE AREA (CT)

WINDWARD/LEEWARD TRIANGLE OR FIXED MARK

THE VOLVO V90



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

VHF CHANNEL: 68

RACE OFFICER: Peter Crowley, IRO

SIGNAL VESSEL: Displaying Red Dodger

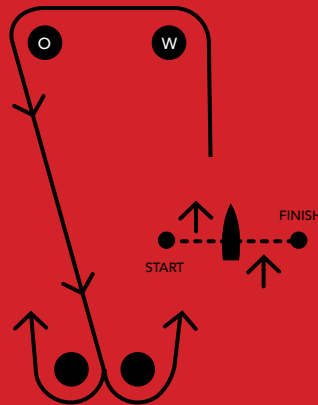
MARKS

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.

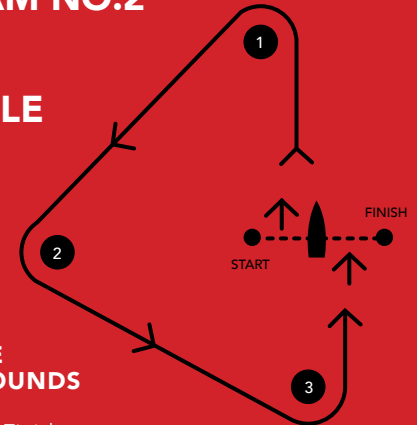
WINDWARD/LEEWARD or TRIANGLE. The main course marks may be black inflatable marks, the replacement weather mark a black inflatable mark with distinctive band and the wing mark a dan buoy type.

FIXED MARK: The Chart in Appendix 4 indicates the letters of the fixed racing marks. The approximate positions are shown in Appendix 3.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 2 RACES	1455	Mixed Sports SB20 RS Elite Cruiser Class 4 Ruffian 23	ICF "3rd Sub" ICF "K" ICF Numeral 1 ICF Numeral 4 ICF "R"	1103 3.7m
FRIDAY 7TH JULY 3 RACES	1055	Sigma 33 Beneteau 31.7 J24 Cruiser Class 3 Cruiser Class 5	ICF "E" ICF Numeral 9 ICF "J" ICF Numeral 3 ICF Numeral 5	1144 3.8m
SATURDAY 8TH JULY 3 RACES	1055	Cruiser Class 0 Cruiser Class 1 Cruiser Class 2 Mixed Sports	ICF Numeral 0 ICF Numeral 1 ICF Numeral 2 ICF "3rd Sub"	1219 3.8m
SUNDAY 9TH JULY 2 RACES	1055	SB20 Dragons/RS Elite Cruiser Class 4 Cruiser Class 5 Beneteau 211	ICF "K" ICF "D" & ICF Numeral 1 ICF Numeral 4 ICF Numeral 5 ICF "A"	1253 3.8m

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.

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

CT1 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 and white staff 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 10 minutes after her starting signal will be scored Did Not Start without a hearing. This changes RRS A3 and A5.
- 1.5 In addition to RRS 29.1, the Race Committee will if possible, broadcast individual OCS recalls by sail number on the course VHF channel. Failure to do so or delay or the order of the broadcast will not be grounds for a request for redress. This changes RRS 62.1(a)

CT2 COURSES

- 2.1 Flag "B" will indicate windward/leeward course (diagram No.1), and Flag "T" will indicate a Triangular course (Diagram No.2).
- 2.2 Diagrams 1 & 2 show the course diagrams, the order

- 2.3 in which marks are to be passed, the side on which each mark is to be left and the number of rounds. 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 RRS 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 RRS 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 RRS 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.

CT3 CHANGE 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 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 RRS 33.

CT4 THE FINISH

The finish line will be between a staff/mast displaying a blue flag on the signal vessel at the port end and the course side of an inflatable mark or dan buoy at the starboard end.

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 RRS 35, A3 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 RRS 35, A3 and A5.

CT6 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 and will 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.

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COASTAL AREA (C)

OFFSHORE OR IN-SHORE

STARTING AREA: In the vicinity of Bay Mark (W) (Black) 53.17.73N – 06.07.10W
VHF CHANNEL: 73
RACE OFFICER: Con Murphy, IRO
SIGNAL VESSEL: Displaying Grey Dodger



THE VOLVO XC90

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.

OFFSHORE: The Chart in page 73 indicates the name, type and approximate positions of the marks and buoys.

INSHORE: The Chart in Appendix 4 indicates the letters of the fixed racing marks and the approximate positions are shown in Appendix 3.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 1 RACE	1425 1455 1525	IRC OFFSHORE NON SPINNAKER 1 NON SPINNAKER 2 CLASSIC KEELBOATS	ICF NUMERAL 5 ICF NUMERAL 1 ICF NUMERAL 2 ICF "O"	1103 3.7m
FRIDAY 7TH JULY 1 RACE HOWTH TO DL FINISH	1025 1055 1155	IRC OFFSHORE CRUISER CLASS 0 CRUISER CLASS 1 CRUISER CLASS 2 CLASSIC KEELBOAT HOWTH 17 & HOWTH J80	ICF Numeral 5 ICF Numeral 0 ICF Numeral 1 ICF Numeral 2 ICF "O"	1144 3.8m
SATURDAY 8TH JULY 2 RACES	1025 1055 1155	IRC OFFSHORE NON SPINNAKER 1 NON SPINNAKER 2 CLASSIC KEELBOAT HOWTH J80	ICF Numeral 5 ICF Numeral 1 ICF Numeral 2 ICF "O" ICF "H"	1219 3.8m
SUNDAY 9TH JULY 1 RACE	1025 1055 1155	IRC OFFSHORE CRUISER CLASS 0 SIGMA 33 BENETEAU 31.7 J24 HOWTH 17/HOWTH J80 CLASSIC KEELBOATS	ICF Numeral 5 ICF Numeral 0 ICF "E" ICF Numeral 9 ICF "J" ICF "C" & ICF "H" ICF "O"	1253 3.8m

C1 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 a red and white staff 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 RRS A3 and A5.

C2 OFFSHORE COURSE

- 2.1 References and positions of the marks are shown on the chart on page 20.
- 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 INSHORE COURSE

- 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 will 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

- 4.1 The finish line is between a staff/mast displaying a blue flag on the finishing vessel at the starboard end and the course side of an inflatable mark or dan buoy at the port end.
- 4.2 The finish, unless a Harbour Finish (as in C4.3) will be at the last mark of the course or at a finish line to weather of the last mark of the course.
- 4.3 **Harbour Finish**
After rounding the last mark of the course, boats shall sail to the finishing line leaving Battery Mark (T) and Bay Mark (W) to starboard and then pass between Pier Mark (V) and Volvo Mark (S90) leaving Pier Mark (V) to starboard and Volvo Mark (S90) to port, to the finish in the harbour.
- 4.4 The course may be shortened at Bay Mark (V) or Volvo Mark (S90).

C5 SHORTENED COURSE

The course may be shortened at any stage by a broadcast on the designated VHF Channel. A finishing vessel displaying the blue flag may be located at the Finish Mark.

C6 TIME LIMITS, ALTERNATIVE FINISH AND DECLARATIONS

- 6.1 TIME LIMITS The time limit for Thursday 6th July will be 1900, Friday 7th and Saturday 8th July 1800 and Sunday 9th July 1400. This changes RRS 35, A3 and A5.
- 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.

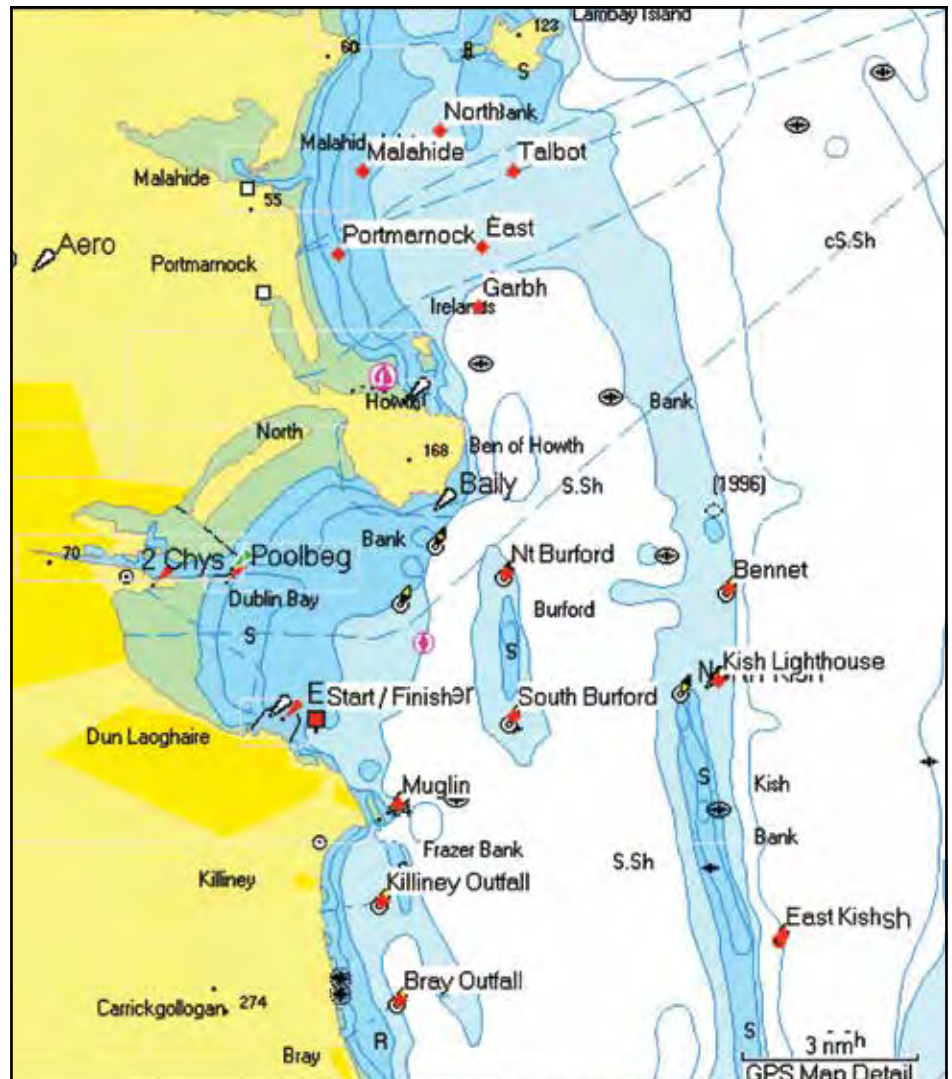
C7 RECORDING & DECLARATION

(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. This changes RRS 35, A3 and A5.

C8 HOWTH 17 & HOWTH J80 RACE TO DUN LAOGHAIRE - Fri 7th July

The course will be displayed on the Howth Yacht Club's official notice board. The start will be off Howth pier and the finishing line shall be in Dun Laoghaire Harbour as in C4.1. After rounding the last mark of the course boats shall sail directly to the finish line in the harbour. Boats should listen to Channel 73 for any change of course.

IRC OFFSHORE
CLASS ONLYCOASTAL
AREA MAP

REF	NAME	TYPE	LAT (N)	LONG (W)
REF	NAME	TYPE	LAT (N)	LONG (W)
1	NORTH BURFORD	CARDINAL BUOY	53° 20.50'	06° 01.49'
2	BENNET	CARDINAL BUOY	53° 20.17'	05° 55.13'
3	SOUTH BURFORD	CARDINAL BUOY	53° 18.06'	06° 01.29'
4	KISH	KISH LIGHT	53° 18.65'	05° 55.42'
5	MUGLINS	ISLAND	53° 16.52'	06° 04.58'
6	KILLINEY	KILLINEY OUTFALL	53° 14.90'	06° 05.12'
7	BRAY OUTFALL	OUTFALL BUOY	53° 13.25'	06° 04.49'
8	EAST KISH	LATERAL MARK	53° 14.35'	05° 53.62'
9	VOLVO S90	INFLATABLE MARK	18.17	07.50
10	VOLVO XC90	INFLATABLE MARK	17.85	04.55
11	VOLVO S60	INFLATABLE MARK	18.50	05.05
12	VOLVO V40	INFLATABLE MARK	17.10	05.00

SOUTH AREA (S)

WINDWARD/LEEWARD
TRIANGLE OR FIXED MARK

STARTING AREA: IN THE VICINITY OF OMEGA
MARK (Y) (APPROX 53.17.78N & 06.06.23W)
VHF CHANNEL: 77
RACE OFFICER: JACK ROY IRO
SIGNAL VESSEL: DISPLAYING GREEN DODGER

THE VOLVO V60



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.

MARKS: The Chart in Appendix 4 indicates the letters of the fixed marks and the approximate positions are shown in Appendix 3.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 2 RACES	1455	Sigma 33 Beneteau 31.7 J24 Cruiser Class 3	ICF "E" ICF Numeral 9 ICF "J" ICF Numeral 3	1103 3.7m
FRIDAY 7TH JULY 3 RACES	1055	Non Spinnaker 1 Non Spinnaker 2 Shipman Glen/Fife OD Beneteau 211	ICF Numeral 1 ICF Numeral 2 ICF "W" ICF "K" & "F" ICF "A"	1144 3.8m
SATURDAY 8TH JULY 3 RACES	1055	Shipman Ruffian 23/ Cruiser Class 4 Cruiser Class 5 Glen/Fife OD Beneteau 211/Howth 17	ICF "W" ICF "R" & ICF Numeral 4 ICF Numeral 5 ICF "K" & "F" ICF "A" & "C"	1219 3.8m
SUNDAY 9TH JULY 2 RACES	1055	Cruiser Class 1 Cruiser Class 2 Cruiser Class 3	ICF Numeral 1 ICF Numeral 2 ICF Numeral 3	1253 3.8m

S1 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 and white staff 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 10 minutes after her starting signal will be scored Did Not Start without a hearing. This changes RRS A3 and A5.
- 1.5 In addition to RRS 29.1, the Race Committee will if possible broadcast individual OCS recalls by sail number on the course VHF channel. Failure to do so or delay or the order of the broadcast will not be grounds for a request for redress. This changes RRS 62.1(a)

S2 COURSE

- 2.1 The course will be sailed around fixed marks as shown on the chart in Appendix 4 and approximate positions in Appendix 3. The course to be sailed will be indicated by Flag "B" or Flag "T".
- 2.2 Flag "B" will indicate the use of South Area Fixed Mark Course Card in Page 76.
A letter (A-R) and a numeral will be displayed on the signal vessel to indicate the course to be sailed, the marks to be rounded and the order of rounding as shown on the South Area Fixed Mark Course Card on page 76. 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 Flag "T" will indicate a course to be decided on the day of the race. 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 may be

- 2.4 displayed on a board on the signal vessel. The Race Committee will broadcast on the designated VHF Channel the course to be sailed before the warning signal and it will be repeated before the start of each class.
- 2.5 No later than the warning signal the signal vessel may display the approximate compass bearing of the first leg.

S3 THE FINISH

- 3.1 The finish line is between a staff/mast displaying a blue flag on the finishing vessel at the starboard end and the course side of an inflatable mark, course mark or dan buoy at the port end.
- 3.2 The finish, unless a Harbour Finish (as in S 3.3) will be at the last mark of the course or at a finish line to weather of the last mark of the course.
- 3.3 **Harbour Finish**
A white flag displayed on the signal vessel at the start indicates that the race will be extended to a finish in Dun Laoghaire Harbour.
After rounding the last mark of the course, boats shall sail to the finishing line leaving Bay Mark (W) to starboard and then pass between Pier Mark (V) and Volvo Mark (S90) leaving Pier Mark (V) to starboard and Volvo Mark (S90) to port, to the finish in the harbour.
- 3.4 The course may be shortened at Bay Mark (V) or Volvo Mark (S90).

S4 TIME LIMITS

- 4.1 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 RRS 35, A3 and A5.
- 4.2 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 RRS 35, A3 and A5.

SOUTH AREA FIXED MARK COURSE CARD

A	0 0 0	B	0 2 2	C	0 4 5	D	0 6 7
1	H R N V Q S W	1	Z H T N T N W	1	Z H R P W N W V	1	Z W S N T P V
2	H R N V R Y T	2	Z H R S T Y W	2	Z H T S T Y W V	2	Z W S N W S V
3	H R N R Y T	3	Z H R S W	3	Z H T Y W N W V	3	Z W S W S V
4	H R N T	4	Z H T N W	4	Z H T S W V	4	Z T P V
5	H R Y W	5	Z T Y W	5	Z H T Y W V	5	Z W S V
6	H V W	6	Z H V W	6	Z W V	6	Z Y V
E	0 9 0	F	1 1 2	G	1 3 5	H	1 5 7
1	S N T Q N W P N V	1	S W Q V P H	1	R S N P S V Q S V	1	T S V R P H
2	S N W P W P N V	2	S W Q N S Y H	2	R P V Q V Y N V	2	T S V R S V
3	S N W Y W P N V	3	S Y V P V Y H	3	R P V Q S V	3	T Y V R S V
4	S N W P N V	4	S Y V P H	4	R Y W T Q S V	4	T Y V R V
5	S N V S N V	5	S Y V Y H	5	R Y W T Y V	5	T Y H
6	S N V	6	S Y H	6	R Y V	6	T Y V
J	1 8 0	K	2 0 2	L	2 2 5	M	2 4 7
1	T P S Q P N R P V	1	W P Z T P N	1	W Q S T Q S T Y N	1	V P T S W Y N
2	T Y N Y N R P V	2	W P Z T Y N	2	W Q P R P S T Y N	2	V P T P T N
3	T Y N Y N R Y V	3	W Y Z T Y N	3	W P S T Q N	3	V P T N V N
4	T Y N R P V	4	W Y N T Y N	4	W Y S T P N	4	V Y S W Y N
5	T Y N R Y V	5	W Y V W Y N	5	W Y S T Y N	5	V P T N
6	T Y V	6	W Y N	6	W Y N	6	V Y N
N	2 7 0	P	2 9 2	Q	3 1 5	R	3 3 7
1	H Q T P W S	1	H Q W Q W S	1	H S R W T W S Q	1	H S Q N Y N R H
2	H Y P Y P W S	2	H Q W S N S	2	H S R W S Q	2	H S Q N R H
3	H Y P W S	3	H Q W S	3	H S Q V Q	3	H S Y N R H
4	H V S V S	4	H P V S	4	H S Q V Y	4	H S R H
5	H R S	5	H Y S	5	H S Q	5	H S Y H
6	H V S	6	H S	6	H N Y	6	H Y H

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GENERAL INFORMATION

ORGANISING COMMITTEE

Timothy Goodbody (Chairman), Don O'Dowd, Con Murphy, Peter Ryan, Martin McCarthy, David Bolger, Ciara Dowling

CLUB REPRESENTATIVES

Neil Colin (DMYC), Susan Spain (NYC), Patrick Burke (RIYC), Peter Bowring/Gina Liuzzi (RSGYC)

Event Secretary: Ciara Dowling

Race Office Manager: Mary O'Rahilly

Results: Denis Kiely Peadar Murphy

Director of Racing: Con Murphy

Protest Committee Chairman: Chris Lindsay (NJ IRL)

PROTEST COMMITTEE

Chris Lindsay (NJ IRL) Chair, Mike Butterfield (IJ GBR), Mike Haynes, Gordon Davies (IJ IRL), Cxemo Pico, Jill Fleming, Justin Burke, Eunice Kennedy, Emmet Dalton.

SUB COMMITTEE – RACING

Con Murphy (Chair)
Neil Colin
Henry Leonard
Brian Craig
Alan Kelly
Owen McNally
Ronan Adams
Mark McGibney
Olivier Prouveur
Guy Kilroy
Cathy Mac Aleavey

PRIZE GIVING

Thursday - Day Prize giving
2030 Dun Laoghaire Motor Yacht Club

Friday - Day Prize giving
1900 Royal Irish Yacht Club

Saturday - Day Prize giving
1900 National Yacht Club

Sunday - Overall Prize giving & Closing Ceremony
1600 Royal St George 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: sec@dlregatta.org

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 5th to Monday 10th July, 2017. 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 10th July, 2017. 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

Competitors shall keep clear of all commercial shipping entering and departing Dublin Port.

ACKNOWLEDGEMENTS

The Volvo Dun Laoghaire Regatta Committee wishes to thank the Dublin Bay Sailing Club, Howth Yacht Club, Dun Laoghaire Rathdown County Council, Dun Laoghaire Harbour Company and Marina Marketing & Management Ltd, for facilities provided and acknowledge the co-operation of Captain Michael McKenna, 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 the club personnel and volunteers and also to those who have loaned their flagships, mark boats and ribs.

We acknowledge the very generous financial assistance received from all our sponsors and patrons, but in particular our title sponsors VOLVO Car Ireland Ltd and Spirit Motor Group Ltd who make the event possible.

Publication design and layout by
Baily Publications.

APPENDIX 1

TIDAL STREAMS- GUIDE ONLY



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



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APPENDIX 2

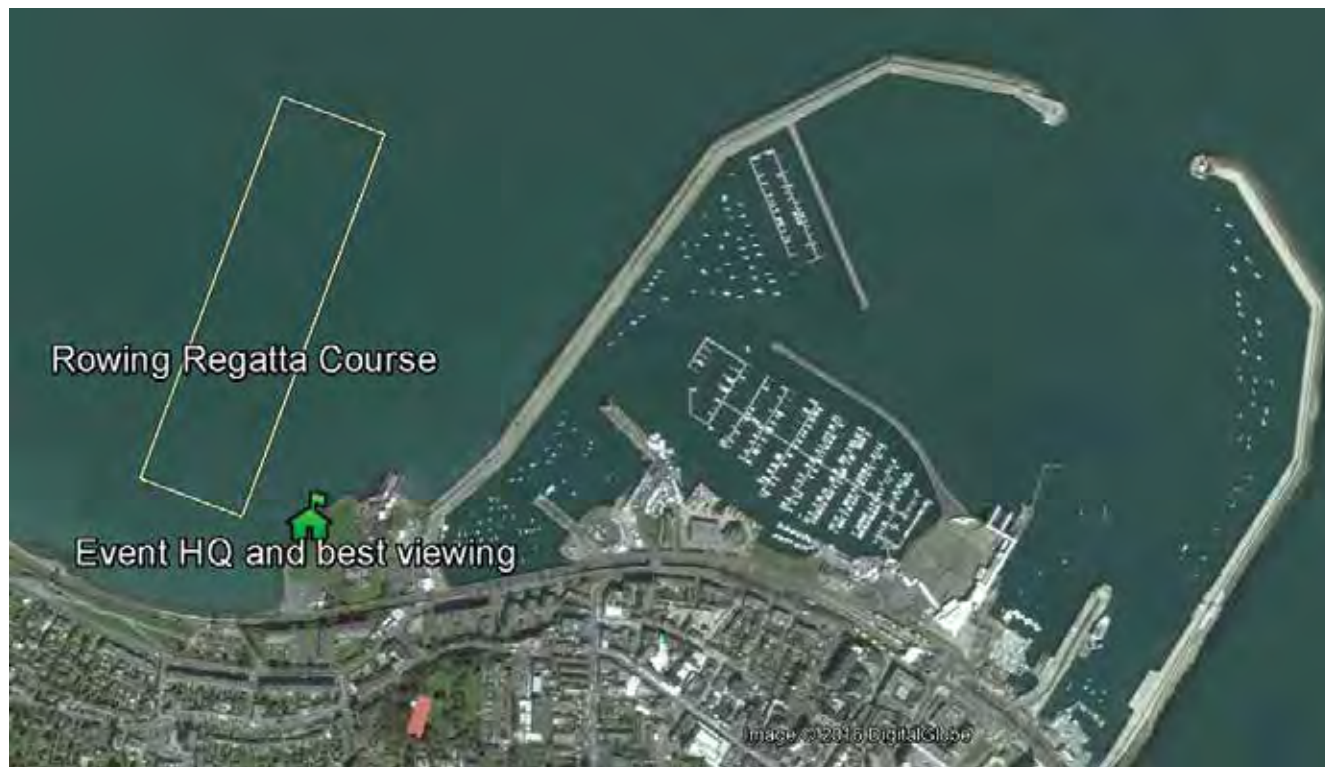
CODE FLAGS

CRUISER CLASS 0	NUMERAL 0	
CRUISER CLASS 1	NUMERAL 1	
CRUISER CLASS 2	NUMERAL 2	
CRUISER CLASS 3	NUMERAL 3	
CRUISER CLASS 4	NUMERAL 4	
CRUISER CLASS 5	NUMERAL 5	
NON SPINNAKER 1	NUMERAL 1	
NON SPINNAKER 2	NUMERAL 2	
IRC OFFSHORE	NUMERAL 5	
BENETEAU 31.7	NUMERAL 9	
J24	J	
SIGMA 33	E	
RUFFIAN	R	
SHIPMAN	W	
GLEN	K	
HOWTH 17	C	
SQUIB	G	
RS ELITE	NUMERAL 1	
DRAGON	D	
FLYING 15	NAVAL NUMERAL 6	
SB20	K	
FIREBALL	F	
MERMAID	M	
IDRA 14	Q	
WATER WAG	WATER WAG BURGEE	
BENETEAU 211	A	
GP14	GP14 CLASS FLAG	
MOTH	T	
LASER STD & RADIAL	LASER CLASS FLAG	
WAYFARER	E	
420	420 CLASS FLAG	
MIXED SPORTSBOATS	3RD SUBSTITUTE	
HOWTH J80	H	
FIFE OD	F	
CLASSIC KEELBOAT	O	
CLASSIC DINGHY	O	

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
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	CARDINAL MARK	18.06	01.29
S90	VOLVO S90	YELLOW INFLATABLE	18.17	07.50
XC90	VOLVO XC90	YELLOW INFLATABLE	17.85	04.55
S60	VOLVO S60	YELLOW INFLATABLE	18.50	05.05
V40	VOLVO V40	YELLOW INFLATABLE	17.10	05.00



St. Michael's Rowing Club Dun Laoghaire

2017 Regatta



10 Clubs, 90+ Crews, 16 Races

An action packed day is in store as round 4 of the East Coast Coastal Rowing Championships comes to Dun Laoghaire.

In partnership with the Volvo Dun Laoghaire Regatta and the 'Kingstown 200 Bicentenary', the final race will be a mixed race from Salthill Beach to a finish line near the harbour shore. Crews will compete for '200 guineas' as part of the VDLR's classic boat programme.

Sunday 9th July 2017
Racing Starts 10.00am Sharp! www.dunlaoghairerowing.com [facebook.com/dunlaoghairerowing](https://www.facebook.com/dunlaoghairerowing)

Salthill Beach / Back of the West Pier, Dun Laoghaire



Times of Racing: 10am - 3pm.

No of Races: 16 races including Senior Mens and Ladies and Youth Racing.

For Further Information

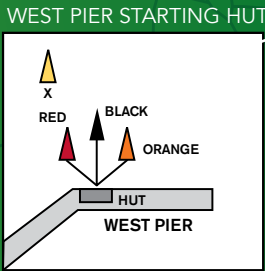
Please contact :Michael. Maccurtain@gmail.com or www.facebook.com/dunlaoghairerowing.

VOLVO DUN LAOGHAIRE REGATTA 2017

CLASSICS PROGRAMME

DATE	TIME	CLASSIC KEELBOATS	CLASSIC DINGHIES	TIDES/COMMENTS
Wednesday 5th July	1900	Regatta Welcome Reception Dun Laoghaire Rathdown County Council Town Hall		
Thursday 6th July	1000 - 1400	Assemble Carlisle Pier East Berths. Registration - Race Office (Ferry Terminal)	Launch National YC Registration – Race Office (Ferry Terminal)	HW10.36; LW 16.24
	1530	Coastal Race (or Cruise in Company) – Scotman’s Bay start Harbour finish	Sail in company Forty Foot/Bulloch	
	1830	Skippers Briefing – NYC Yardarm		
	1900	DL Harbour 200th Anniversary Classics Gunpowder Gin reception - NYC		
Friday 7th July	1200	Coastal Race for 100 Guineas Purse – Scotman’s Bay start – South Burford Harbour finish	Racing Seapoint per regatta SIs	HW 11.22; LW 17.04
	1830	Skippers Briefing – NYC Yardarm		
	1900	Classics Regatta Dinner – NYC (booking essential Tel 01-2805725 manager@nyc.ie)		
Saturday 8th July	1200	Coastal Race (or Cruise in Company) – Scotman’s Bay start Harbour finish	Racing Seapoint per regatta SIs	HW 12.03; LW 17.41
	Evening	Social per 4 Regatta Clubs’ Social programme		
Sunday 9th July	1200	Coastal Race – Scotman’s Bay start Harbour finish	2 Races Harbour course Rowing Race Salthill- Harbour	HW 12:43; LW 18.17
	1600	Prizegiving - RStGYC		

APPENDIX 4



VOLVO
DUN LAOGHAIRE REGATTA
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● SHANGANAGH BUOY

CHART OF DUBLIN BAY

NOT TO SCALE. NOT TO BE USED FOR NAVIGATION