



VOLVO DÚN LAOGHAIRE REGATTA 2023

IN PARTNERSHIP WITH SPIRIT MOTOR GROUP

**JULY
2023**



2023 SAILING INSTRUCTIONS

UPDATED 30TH JUNE 2023: CHANGES IN RED



CELEBRATING
DÚN LAOGHAIRE
SAILING

REGATTA: 6-9 JULY 2023

COASTIVAL: 1-9 JULY 2023



founded 1810



SAILING INSTRUCTIONS

VOLVO DUN LAOGHAIRE REGATTA 2023

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.

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An SB20 class start in the 2019 Volvo Dun Laoghaire Regatta on Dublin Bay
Photo: Afloat

GENERAL INFORMATION

ORGANISING COMMITTEE

Don O'Dowd (Chairman), Con Murphy, Colin O'Brien, Martin McCarthy, Brian Craig, Peter Bowring, Peter Ryan, Gina Liuzzi, Ian Bowring, Grainne Ryan, Paddy Boyd.

Principal Race Officer: Con Murphy
Event Director: Paddy Boyd

Race Office Manager: Sandra Moore, Catriona McNally
Results: Ian Bowring, Dara Totterdell

PROTEST COMMITTEE

Joint Chairmen - Mike Butterfield (IJ GBR), Gordon Davies (IJ IRL)

SUB COMMITTEE – RACING

Con Murphy (Chair), Brian Craig, Peter Bowring, Neil Colin, Sandra Moore, Catriona McNally, Mal Nolan, Ian Bowring, Simon Coate, Dara Totterdell, Eddie Totterdell, Rosemary Roy, Ian Rossiter, Ronan Adams, Mark McGibney, Olivier Prouveur

PRIZE GIVING

Sunday 9th July - 1600 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: ed@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 Monday 3rd July to Monday 10th July 2023. 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 2023. If berthing is required outside the period stated above, competitors must contact the Event Director 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 and cruise liner tenders operating between Dun Laoghaire and the anchorage in Dublin Bay.

ACKNOWLEDGEMENTS

The Volvo Dun Laoghaire Regatta Committee wishes to thank Dublin Bay Sailing Club, Howth Yacht Club, Poolbeg Yacht & Boat Club, Dun Laoghaire Rathdown County Council, and Marina Marketing & Management Ltd, for facilities provided and acknowledge the co-operation of Captain Michael McKenna, Dublin Port Harbour Master, Captain Harry Duggan, Dun Laoghaire Harbour Master and Tim Ryan Dun Laoghaire Harbour Operations Manager.

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.

SAILING INSTRUCTIONS

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).

The notation '[NP]' in a rule of the sailing instructions (SIs) means that a boat may not protest another boat for breaking that rule. This changes RRS 60.1(a).

The notation '[DP]' in a rule of the sailing instructions (SIs) means that the penalty for a breach of that rule may, at the discretion of the protest committee, be less than disqualification.

1 RULES

- 1.1 The regatta will be governed by the rules as defined in The Racing Rules of Sailing (RRS).
- 1.2 The Irish Sailing Prescriptions to the RRS 2021-2024 shall apply.
- 1.3 Except on the first day of the Regatta, a protest alleging a breach of a measurement rule shall not be grounds for a protest by a boat. The race committee, technical committee and protest committee may protest, including as a result of information arising from an invalid protest. This changes RRS 60.1, 60.2 and 60.3.
- 1.4 Revised progressive ECHO 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 handicaps will be posted not later than 60 minutes after close of registration.

2 CHANGES TO SAILING INSTRUCTIONS

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

3 COMMUNICATIONS WITH COMPETITORS

- 3.1 Notices to competitors will be posted on the Official Notice Board on the manage2sail event site.
- 3.2 The race office is located on the Carlisle Pier, telephone 083 819 2713 email ed@dlregatta.org
- 3.3 On the water, the race committee intends to monitor and communicate with competitors on VHF radio channels as outlined on each Racing Area addendum in these SIs.
- 3.4 The following communications may be made by the race committee on the racing area channels: the location of the starting area, countdown to the start, recalls, black flag DSQs and postponements. Failure to make these broadcasts or failure to hear them shall not constitute grounds for redress. This changes rule 62.1.
- 3.5 [NP] OFFSHORE CLASS - Skippers of each boat must join the dedicated Offshore Class WhatsApp group on registration.
- 3.6 [DP] [NP] Each boat in the Offshore Class shall attach a 'Yellowbrick' tracker unit supplied at registration securely to the boat's pushpit and activated for the duration of the race. Tracker units shall be deactivated after each race and before storing below decks. The unit shall be returned to the Race Office at the end of the Regatta. Boat skippers are responsible for the repair or replacement of the tracker should it be damaged or lost.

4 [DP] [NP] CODE OF CONDUCT

- 4.1 Competitors and support persons shall comply with any reasonable request from a regatta official.
- 4.2 Boats not racing shall avoid any area where boats are racing and any official vessel.
- 4.3 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 4.4 Boats shall, when possible, display the Event Flags supplied by the Organising Committee while berthed, or parked in the marina or club and while travelling to or from the race racing areas.

5 SIGNALS MADE ASHORE

- 5.1 Signals made ashore will be displayed at the DMYC, the NYC, the RIYC and the RSGYC.
- 5.2 When the flag “AP” is displayed ashore, ‘1 minute’ is replaced with ‘not less than 60 minutes’ in the race signal AP.
- 5.3 When flag “Y” is displayed ashore, RRS 40.1 applies and all competitors shall wear personal floatation devices at all times while afloat.
- 5.4 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 SI Fixed Mark and Course Area Chart Addendum. The starts and class sequences will be published in an amendment to the Sailing Instructions not later than 90 minutes before the first start time. This amends Race Signals.

6 SCHEDULE OF RACES

- 6.1 Dates of racing are from Thursday 6th July – Sunday 9th July 2023.
- 6.2 The schedule time for the warning signal for the first race each day is:

Thursday 6th July 2023

1425: Coastal Racing area
1455: All other Racing areas

Saturday 8th July 2023

1055: Coastal Racing area
1155: All other Racing areas

Friday 7th July 2023

0955: Coastal Racing area
1055: All Racing areas except Coastal and Salthill
1155: Salthill Racing area

Sunday 9th July 2023

0955: Coastal Racing area
1055: All other Racing areas

- 6.3 Racing areas, Groups of Classes, Signal Vessels and Marks may be changed or substituted by the Race Committee.
- 6.4 On the last scheduled day no warning signal will be made after 1355.



Sportity

For direct event information please download
the Sportity app and insert this password:

ILAKNS

Sportity app is available in



www.sportity.com

6.5 Scheduled Class Racing Areas:

Classes	Thurs 6th July	Fri 7th July	Sat 8th July	Sun 9th July
Offshore	Coastal (1)	Coastal (1)	Coastal (1)	Coastal (1)
Cape 31	Collen (2)	Collen (3)	South (1)	Collen (1)
Cruiser Class 0				
Cruiser Class 1				
Cruiser Class 2	North (2)	North (3)	South (1)	North (1)
Beneteau 31.7				
Sigma 33				
Ruffian			South Bull (2)	
Shipman	South Bull (2)			
Dragon	No Race	South Bull (3)	Collen (2)	South Bull (1)
SB20	South Bull (2)			
Mixed Sportsboat & RS21				
J80				
Flying Fifteen	Salthill (2)			
Beneteau 211			South Bull (2)	
Non Spinnaker 1	South (2)	South (3)	North (2)	South (1)
Non Spinnaker 2				
Cruiser C3				
Glen & DB21	Salthill (2)			
Squib & Mermaid			South Bull (2)	
Howth 17	No Race	No Race	North (1)	No Race
Fireball	No Race	Salthill (3)	Salthill (3)	Salthill (2)
GP 14	No Race			
Laser Standard & Radial	No Race			
IDRA 14 & Wayfarer	No Race			
Water Wag	No Race			

7 CLASS FLAGS

- 7.1 Class flags will be as indicated in the relevant SI Racing Area Addendum and the SI Code Flags Addendum.
- 7.2 **[DP] [NP]** Class flags shall be clearly displayed from the backstay of Cruiser Class 0, Class 1, Class 2, Class 3, Offshore and Non Spinnaker 1 Non Spinnaker 2 and Mixed Sportboat Class throughout the regatta, and shall be a minimum size of 6" in the hoist for flags and 12" in the fly for numeral pennants.

8 RACING AREAS

- 8.1 SI Racing Area Addenda show the approximate location & colour of racing areas, fixed racing marks and obstructions.
- 8.2. Classes will be assigned to racing areas as stated in SI 6.5.

9 COURSES

- 9.1 The diagrams in SI Racing Area Addenda show the courses, including the approximate angles between legs, the order in which marks are to be passed, and the side on which each mark is to be left.
- 9.2 SI Fixed Mark Addendum shows the approximate positions/identifying names and the letters of the marks which will be broadcast when setting Coastal, South or Fixed Mark courses.

10 MARKS

- 10.1 Start & finish flagships & marks:

Flagship's Dodger Colour	Course Marks
Salthill	Orange cylindrical inflatable
South Bull	Blue or Blue with White Band cylindrical inflatable
Collen	Yellow or Yellow with Black Band cylindrical inflatable
North	Black or Black with White Band cylindrical inflatable
South	DBSC Marks, Volvo Yellow inflatable Top Hat & Shipping Navigation Marks
Coastal	DBSC Marks, Volvo Yellow inflatable Top Hat & Shipping Navigation Marks

- 10.2 The starting and finishing marks are described in the SI Racing Area Addenda.
- 10.3 If a gate mark is missing and has not been substituted in accordance with RRS 34, the remaining mark shall be left to port.
- 10.4 Offset Mark: while every effort will be made to lay the offset mark (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.

11 [DP] OBSTRUCTIONS (as shown in SI Fixed Mark and Course Area Chart Addendum)

- 11.1 While racing, all boats are prohibited from entering the following NO GO areas:
- 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 as shown in Addendum
 - Dalkey Sound as shown in Addendum
 - Bathing Areas: at 40FT, Seapoint and Killiney marked by small yellow conical buoys. No boat shall sail inside these buoys.

12 THE START

- 12.1 Refer to the SI Racing Area Addenda.

13 CHANGE OF THE NEXT LEG OF THE COURSE

- 13.1 To change the next leg of the course, the race committee will move the original mark or the finishing line to a new position.
- 13.2 Minor adjustments may be made to the course without indicating a course change. This changes RRS 33.

14 THE FINISH

- 14.1 Refer to the SI Racing Area Addenda.

15 PENALTY SYSTEM

- 15.1 For **Dragon**, SB20 and Water Wag classes, RRS 44.1 is changed so that the Two-Turn Penalty is replaced by the One-Turn Penalty.

16 TIME LIMITS

- 16.1 **ONE DESIGN KEELBOATS & DINGHIES:** 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.
- 16.2 **CRUISER CLASSES (IRC & ECHO) & MIXED SPORTSBOATS:** Boats will be timed up to 30 minutes after the second boat of their class finishes; otherwise they will be scored Did Not Finish. This changes RRS 35, A3 and A5.
- 16.3 **OFFSHORE:** The time limit for Thursday 6th will be 2000, Friday 7th and Saturday 8th July will be 1700 and Sunday 9th July 1500. This changes RRS 35, A3 and A5.

17 HEARING REQUESTS

- 17.1 Hearing requests shall be submitted by using the online system available on the regatta website. This changes RRS 61.2, 61.3, 62.2 and 66.
- 17.2 For each racing 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) or the signal No more racing today is made afloat, whichever is later. However, the protest time limit is 30 minutes after the signal No more racing today is made ashore.
- 17.3 Notices will be published on the Manage2Sail event site no later than 30 minutes after the protest time limit to inform boats of hearings in which they are parties or named as witnesses. Hearings may be scheduled to begin before the end of protest time. Hearings will be held beginning at the time and location published on the official notice board.
- 17.4 On the last scheduled day of racing a request for redress based on a Protest Committee decision shall be submitted no later than 30 minutes after the decision was posted. This changes RRS 62.2.
- 17.5 **Post-Race Penalty:**
- a) A boat that may have broken a rule of Part 2 or RRS 31 may, after finishing the race concerned and before the start of any related protest hearing, complete and submit a Post-Race Penalty Declaration Form at the Race Office accepting a Post-Race Penalty – a 30% scoring penalty (SCP) calculated as stated in RRS 44.3 (c), however she shall not be scored worse than DSQ. However, if the boat caused injury or serious damage or, despite taking a penalty, gained a significant advantage in the race or series by her breach her penalty shall be to retire.
- b) When a Post-Race Penalty is accepted: (a) Neither boat nor a protest committee may then revoke or remove the penalty. (b) The boat shall not be penalized further in a protest hearing when the protest committee decided that it was appropriate to the facts found and the applicable rules.

18 SCORING

- 18.1 One race is required to be completed to constitute a series.
- 18.2 When fewer than four races have been completed, a boat's series score will be the total of her race scores.
- 18.3 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.
- 18.4 **For the GP14 Class only,** 18.2 b) is changed to discard the worst score when up to seven races are completed and discard the two worst scores when all eight races scheduled are completed. (This is to meet class guidelines for the Leinster Championships.)
- 18.5 Results will be posted on the Manage2sail event site.

19 [DP] [NP] SAFETY REGULATIONS

- 19.1 All boats shall comply with their Class Safety Regulations.
- 19.2 All keelboats shall have on board an operating VHF radio.
- 19.3 Boats not leaving the harbour to race shall promptly notify the Race Office by email ed@dlregatta.org or phone 083 8192713 or personally at the Race Office.

- 19.4 On arrival in the racing area each day, a boat shall sail past the stern of the race committee starting vessel and hail her sail number.
- 19.5 A boat that retires from a race shall notify the race committee at the first reasonable opportunity.
- 19.6 The wearing of personal flotation devices is mandatory when afloat for all dinghy classes and strongly recommended for all other classes.
- 19.7 Cruiser Classes – boats should not race with their anchors in the bow position.
- 19.8 In case of a critical weather situation, the race committee in that area will display N over H or A and all boats should return to the harbour in the safest way.
- 19.9 In the event of an incident that involves personal injury or severe illness, or where the boat is in danger and needs assistance, crews should contact their race committee on the Racing Area VHF channel and as necessary Dublin Coastguard on VHF Channel 16 (or by telephone via 999). The Race Committee and Coastguard will then initiate the appropriate action.
- 19.10 The emergency landing point is the pontoon on the east side of the Carlisle Pier.
- 19.11 First Aid Facilities are located at the race office on the Carlisle Pier. The telephone number of the race office is 083 819 2713.

20 [DP] EQUIPMENT & MEASUREMENT CHECKS

- 20.1 A boat or equipment may be inspected at any time for compliance with the class rules, notice of race and sailing instructions.

21 [DP] TRASH DISPOSAL

- 21.1 Competitors and support persons shall not intentionally put trash in the water. This rule applies at all times while afloat. Dinghies may place trash aboard official vessels.

22 PRIZES

- 22.1 a) Overall first, second and third prize will be awarded for the series for each class with ten or more entrants.
b) Overall first and second prize will be awarded for the series for each class with seven to nine entrants.
c) Overall first will be awarded for the series for each class with six or less entrants.
- 22.2 A prize will be awarded to the first mixed crew in each class with a minimum of one female crew member in each of the two-handed classes and with a minimum of two female crew members in each of the other classes.
- 22.3 **Perpetual trophies:**

Awarded to	Trophy Name
Best Visiting Boat	Salamander Trophy presented by Royal Dee Yacht Club
Best Dinghy/Small Keelboat	National Yacht Club Darthula Trophy
Best One Design Keelboat	Royal Irish Yacht Club HM Naval Base Trophy
Best Overall IRC	The Volvo Trophy
Boat of the Week	The Dubarry Shamrock Trophy
Royal Dee Irish Sea Offshore Championship	Royal Dee Yacht Club Trophy
Offshore Class Challenge Trophy	Sealink Trophy
Best Dublin Bay Sailing Club Non Spinnaker ECHO	Dun Laoghaire Regatta Open Championship Trophy
Best Overall ECHO	Royal Irish Yacht Club Perpetual Trophy
Best Overall Ruffian 23	Dun Laoghaire Motor Yacht Club Perpetual Trophy
Best Overall IDRA 14	Dun Laoghaire Motor Yacht Club Perpetual Trophy
Best Overall Flying 15	National Yacht Club Perpetual Trophy
Most Successful RSGYC Boat	Royal St George Yacht Club - Royal Kingstown Yacht Club Trophy
Most Successful Classic Yacht	Kingstown 200 Trophy
Most Successful Water Wag	Collen Cup presented by Pamela Collen

23 RISK STATEMENT

- 23.1 RRS 3 states: 'The responsibility for a boat's decision to participate in a race or to continue to race is hers alone.' By participating in this event each competitor agrees and acknowledges that sailing is a potentially dangerous activity with inherent risks. These risks include strong winds and rough seas, sudden changes in weather, failure of equipment, boat handling errors, poor seamanship by other boats, loss of balance on an unstable platform and fatigue resulting in increased risk of injury. Inherent in the sport of sailing is the risk of permanent, catastrophic injury or death by drowning, trauma, hypothermia or other causes.
- 23.2 The decision with regard to starting and continuing to race lies exclusively with the skipper of each boat, who is at all times personally responsible for the safety of the boat and its crew. Neither the Organising Authority, DMYC, NYC, RIYC, RSGYC, Sponsors and Stakeholders who include Dublin Port Company and Dun Laoghaire Rathdown County Council nor any of their officers/committees/representatives will accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the Regatta.

24 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.



ADDENDUM - NORTH RACING AREA (N)

WINDWARD/LEEWARD, TRIANGLE OR FIXED MARK

STARTING AREA: IN THE VICINITY OF MIDDLE MARK (M) (APPROX 53°19.55'N & 06°07.48'W)

VHF CHANNEL: 72

RACE OFFICER: EDDIE TOTTERDELL, NRO

START & FINISH VESSELS: DISPLAYING BLACK DODGERS

START & FINISH MARKS: Starting and finishing marks may be either a rib with a flag, an inflatable candy striped conical mark, a dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type.

WINDWARD/LEEWARD MARKS: The course marks will be black inflatable marks. The inner windward mark (course B) will be a black inflatable mark with a white band.

FIXED MARK: The Chart in SI Fixed Mark and Course Area Chart Addendum indicates the letters of the fixed marks and the approximate positions are shown in SI Fixed Mark Addendum.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 2 RACES	1455	Cruiser Class 2 Beneteau 31.7 Sigma 33 Ruffian 23	ICF Numeral 2 ICF Numeral 9 ICF "E" ICF "R"	1446 4.1m
FRIDAY 7TH JULY 3 RACES	1055	Cruiser Class 2 Beneteau 31.7 Sigma 33 Ruffian 23 Shipman	ICF Numeral 2 ICF Numeral 9 ICF "E" ICF "R" ICF "W"	1539 4.0m
SATURDAY 8TH JULY 2 RACES	1155	Non Spinnaker 1 Non Spinnaker 2 Cruiser Class 3 Glen and DB21 Hawth 17 (one race)	ICF Numeral 1 ICF Numeral 2 ICF Numeral 3 ICF "K" & ICF "H" ICF "E"	1635 3.9m
SUNDAY 9TH JULY 1 RACE	1055	Cruiser Class 2 Beneteau 31.7 Sigma 33 Ruffian 23 Shipman	ICF Numeral 2 ICF Numeral 9 ICF "E" ICF "R" ICF "W"	1734 3.7m

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 the red and white staff or the main mast on the race committee starting vessel at the starboard end and the port-end starting mark, or a staff on a rib displaying an orange flag.
- 1.3 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.

N2 COURSE

- 2.1 Course A and Course B will be a Windward/Leeward courses shown in the course diagrams with two windward marks A and B. No offset mark will be set for windward mark B. Course C will be a triangle course.
- 2.2 The diagrams show the order in which marks are to be rounded or passed, the side on which each mark is to be left and the number of rounds.
- 2.3 Board 'A' with numeral board will be displayed on the race committee starting vessel to indicate Course A and the number of rounds. Board 'B' with numeral board will indicate Course B and the number of rounds. Board 'C' with numeral board will indicate Course C and the number of rounds.

2.4 The boards will be displayed on the race committee starting 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.

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

N3 THE FINISH

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

N4 FIXED MARK COURSE

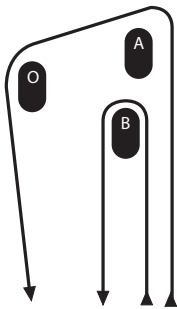
4.1 When Flag “F” is displayed a fixed mark course will be set.

4.2 The course will be sailed around fixed marks as shown on the chart in SI Fixed Mark Addendum.

4.3 The order in which the marks are to be rounded or passed and the required side will be broadcast on the designated VHF Channel and will be displayed on a board on the race committee starting vessel.

4.4 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.

4.5 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.

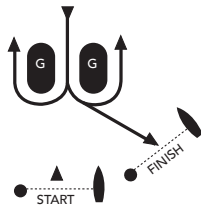


COURSE DIAGRAM - WINDWARD LEEWARD

Course A:

Signal	Mark Rounding Order
A1	Start – A – O – Gate - Finish
A2	Start – A – O – Gate – A – O – Gate - Finish
A3	Start – A – O – Gate – A – O – Gate – A – O – Gate - Finish
A4	Start – A – O – Gate – A – O – Gate – A – O – Gate – A – O – Gate - Finish

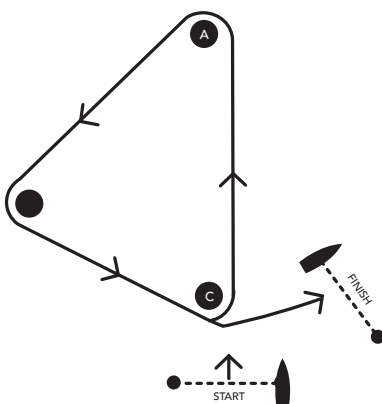
All marks to be rounded to port except when sailing through the gate



Course B:

Signal	Mark Rounding Order
B1	Start – B – Gate – Finish
B2	Start – B – Gate – B – Gate - Finish
B3	Start – B – Gate – B – Gate – B – Gate - Finish
B4	Start – B – Gate – B – Gate – B – Gate – B – Gate - Finish

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



COURSE DIAGRAM - TRIANGLE

Course C:

Signal	Mark Rounding Order
C1	Start – A – B – C – Finish
C2	Start – A – B – C – A – B – C – Finish
C3	Start – A – B – C – A – B – C – A – B – C – Finish
C4	Start – A – B – C – A – B – C – A – B – C – A – B – C – Finish

N5 HOWTH 17 – Saturday 8th July 2023 (two races)

5.1 Race 1 - Race to Dun Laoghaire. The course will be displayed on the Howth Yacht Club’s official notice board.

5.2 Race 2 – Start, Course and Finish as SI North Racing Area Addendum.

ADDENDUM - COLLEN RACING AREA (CN)

WINDWARD/LEEWARD OR FIXED MARK

STARTING AREA: IN THE VICINITY OF BOYD MARK (K) (APPROX 53° 18.85'N & 06° 07.37'W)

VHF CHANNEL: 68

RACE OFFICER: DAVID LOVEGROVE, IRO

START & FINISH VESSELS: DISPLAYING YELLOW DODGERS

START & FINISH MARKS: Starting and finishing marks may be either a rib with a flag, an inflatable candy striped conical mark, a dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type.

WINDWARD/LEEWARD MARKS: The course marks will be yellow inflatable marks. The inner windward mark (course B) will be a yellow inflatable mark with a black band.

FIXED MARK: The Chart in SI Fixed Mark and Course Area Chart Addendum indicates the letters of the fixed racing marks. The approximate positions are shown in SI Fixed Mark Addendum.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 2 RACES	1455	Cape 31 Cruiser Class 0 Cruiser Class 1	ICF "C" ICF Numeral 0 ICF Numeral 1	1446 4.1m
FRIDAY 7TH JULY 3 RACES	1055	Cape 31 Cruiser Class 0 Cruiser Class 1	ICF "C" ICF Numeral 0 ICF Numeral 1	1539 4.0m
SATURDAY 8TH JULY 2 RACES	1155	Dragon SB20 Mixed Sportboat & RS21 J80 Flying Fifteen	ICF "D" ICF "J" ICF 3 rd Substitute & ICF "K" ICF "E" Naval Numeral 6	1635 3.9m
SUNDAY 9TH JULY 1 RACE	1055	Cape 31 Cruiser Class 0 Cruiser Class 1	ICF "C" ICF Numeral 0 ICF Numeral 1	1734 3.7m

CN1 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 race committee starting vessel at the starboard end and the port-end starting mark, or a staff on a rib displaying an orange flag.
- 1.3 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.

CN2 COURSE

- 2.1 The course will be a Windward Leeward course shown in the course diagram with two windward marks A and B. No offset mark will be set for windward mark B.
- 2.2 The diagram shows the order in which marks are to be rounded or passed, the side on which each mark is to be left and the number of rounds.
- 2.3 Board 'A' with numeral board will be displayed on the race committee starting vessel to indicate Course A and the number of rounds. Board 'B' with numeral board will indicate Course B and the number of rounds.
- 2.4 The boards will be displayed on the race committee starting 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.
- 2.5 No later than the warning signal the race committee starting vessel may display the approximate compass bearing of the first leg.

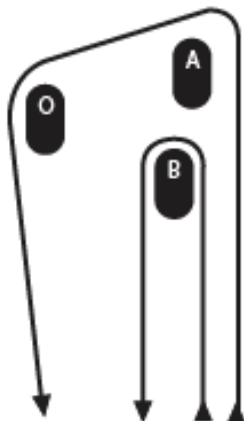
CN3 THE FINISH

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

CN4 FIXED MARK COURSE

- 4.1 When Flag "F" is displayed a fixed mark course will be set.
- 4.2 The course will be sailed around fixed marks as shown on the chart in Fixed Mark Addendum.
- 4.3 The order in which the marks are to be rounded or passed and the required side will be broadcast on the designated VHF Channel and will be displayed on a board on the race committee starting vessel.
- 4.4 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.
- 4.5 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.

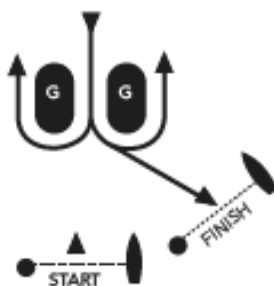
COURSE DIAGRAM - WINDWARD LEEWARD



Course A:

Signal	Mark Rounding Order
A1	Start – A – O – Gate – Finish
A2	Start – A – O – Gate – A – O – Gate – Finish
A3	Start – A – O – Gate – A – O – Gate – A – O – Gate – Finish
A4	Start – A – O – Gate – A – O – Gate – A – O – Gate – A – O – Gate – Finish

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



Course B:

Signal	Mark Rounding Order
B1	Start – B – Gate – Finish
B2	Start – B – Gate – B – Gate – Finish
B3	Start – B – Gate – B – Gate – B – Gate – Finish
B4	Start – B – Gate – B – Gate – B – Gate – B – Gate – Finish

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

ADDENDUM - SOUTH RACING AREA (S)

FIXED MARK COURSE

STARTING AREA: IN THE VICINITY OF OMEGA MARK (Y) (Approx 53° 17.78'N & 06° 06.23'W)

VHF CHANNEL: 77

RACE OFFICER: MICHAEL TYRELL, NRO

START & FINISH VESSELS: DISPLAYING GREEN DODGERS

START & FINISH MARKS: Starting and finishing marks may be either a rib with a flag, an inflatable candy striped conical mark, a dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type.

COURSE MARKS: The Chart in SI Fixed Mark and Course Area Chart Addendum indicates the letters/name and the approximate positions/type of mark are shown in SI Fixed Mark Addendum.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 2 RACES	1455	Non Spinnaker 1 Non Spinnaker 2 Cruiser Class 3	ICF Numeral 1 ICF Numeral 2 ICF Numeral 3	1446 4.1m
FRIDAY 7TH JULY 3 RACES	1055	Non Spinnaker 1 Non Spinnaker 2 Cruiser Class 3 Glen and DB21 Squib & Mermaid	ICF Numeral 1 ICF Numeral 2 ICF Numeral 3 ICF "K" & ICF "H" ICF "G" & ICF "M"	1539 4.0m
SATURDAY 8TH JULY 1 RACE	1155	Cape 31 Cruiser Class 0 Cruiser Class 1 Cruiser Class 2 Beneteau 31.7 Sigma 33	ICF "C" ICF Numeral 0 ICF Numeral 1 ICF Numeral 2 ICF Numeral 9 ICF "E"	1635 3.9m
SUNDAY 9TH JULY 1 RACE	1055	Non Spinnaker 1 Non Spinnaker 2 Cruiser Class 3 Glen and DB21 Squib & Mermaid	ICF Numeral 1 ICF Numeral 2 ICF Numeral 3 ICF "K" & ICF "H" ICF "G" & ICF "M"	1734 3.7m

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 race committee starting vessel at the starboard end and the port-end starting mark or a staff on a rib displaying an orange flag.
- 1.3 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.

S2 COURSE

- 2.1 The course will be decided on the day of the race and displayed on a board on the race committee starting vessel. The course will be broadcast on the designated VHF channel for the area.
- 2.2 The course will be sailed around fixed marks as shown on the chart in SI Fixed Mark and Course Area Chart Addendum and approximate positions in SI Fixed Mark Addendum.
- 2.3 The race committee will broadcast the course to be sailed before the warning signal and it will be repeated at the start of each class.
- 2.4 No later than the warning signal the race committee starting vessel may display the approximate compass bearing of the first leg.

S3 THE FINISH

- 3.1 The finish line is between a staff/mast on the finishing vessel at the starboard end and the course side of an inflatable mark or dan buoy at the port end.
- 3.2 The finish will be at a finish line to windward of the last mark of the course.



ADDENDUM - SOUTH BULL RACING AREA (SB)

WINDWARD/LEEWARD OR FIXED MARK

STARTING AREA: IN THE VICINITY OF SEAPOINT MARK (C) (APPROX 53° 19.48'N & 06° 08.60'W)

VHF CHANNEL: 74

RACE OFFICER: DAVID WILKINS, IRO

SIGNAL VESSEL: DISPLAYING BLUE DODGERS

START & FINISH MARKS: Starting and finishing marks may be either a rib with a flag, an inflatable candy striped conical mark, a dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type.

WINDWARD/LEEWARD MARKS: The course marks will be blue inflatable marks. The inner windward mark (course B) will be a blue inflatable mark with a white band.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 2 RACES	1455	SB20 Mixed Sportboat & RS21 J80 Shipman	ICF "J" ICF 3 rd Substitute & ICF "K" ICF "E" ICF "W"	1446 4.1m
FRIDAY 7TH JULY 3 RACES	1055	Dragon SB20 Mixed Sportboat & RS21 J80 Flying Fifteen Beneteau 211	ICF "D" ICF "J" ICF 3 rd Substitute & ICF "K" ICF "E" Naval Numeral 6 ICF "F"	1539 4.0m
SATURDAY 8TH JULY 2 RACES	1155	Ruffian 23 Shipman Beneteau 211 Squib & Mermaid	ICF "R" ICF "W" ICF "F" ICF "G" & ICF "M"	1635 3.9m
SUNDAY 9TH JULY 1 RACE	1055	Dragon SB20 Mixed Sportboat & RS21 J80 Flying Fifteen Beneteau 211	ICF "D" ICF "J" ICF 3 rd Substitute & ICF "K" ICF "E" Naval Numeral 6 ICF "F"	1734 3.7m

SB1 THE START

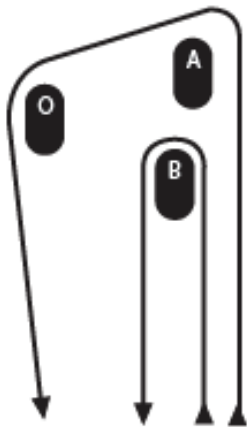
- 1.1 To alert boats that a sequence of races will begin soon an orange flag will be displayed with one sound signal for at least three minutes before a warning signal is displayed.
- 1.2 The starting line will be between a red and white staff or the main mast on the signal vessel at the starboard end and the port-end starting mark, or a staff on a rib displaying an orange flag.
- 1.3 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 course will be a Windward Leeward course shown in the course diagram with two windward marks A and B. No offset mark will be set for windward mark B.
- 2.2 The diagram shows the order in which marks are to be rounded or passed, the side on which each mark is to be left and the number of rounds.
- 2.3 Board 'A' with numeral board will be displayed on the race committee starting vessel to indicate Course A and the number of rounds. Board 'B' with numeral board will indicate Course B and the number of rounds.
- 2.4 The boards will be displayed on the race committee starting 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.
- 2.5 No later than the warning signal the race committee starting vessel may display the approximate compass bearing of the first leg.

SB3 THE FINISH

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

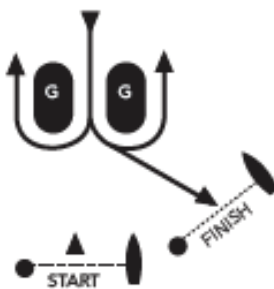


COURSE DIAGRAM - WINDWARD LEEWARD

Course A:

Signal	Mark Rounding Order
A1	Start – A – O – Gate - Finish
A2	Start – A – O – Gate – A – O – Gate - Finish
A3	Start – A – O – Gate – A – O – Gate – A – O – Gate - Finish
A4	Start – A – O – Gate – A – O – Gate – A – O – Gate – A – O – Gate - Finish

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



Course B:

Signal	Mark Rounding Order
B1	Start – B – Gate – Finish
B2	Start – B – Gate – B – Gate - Finish
B3	Start – B – Gate – B – Gate – B – Gate - Finish
B4	Start – B – Gate – B – Gate – B – Gate – B – Gate - Finish

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

ADDENDUM - SALTHILL RACING AREA (SH)

TRAPEZOID

STARTING AREA: IN THE VICINITY OF SALTHILL MARK (A) (APPROX 53° 18.36'N & 06° 09.00'W)

VHF CHANNEL: 71

RACE OFFICERS: PETER VAN MUYDEN, IRO

START & FINISH VESSELS: DISPLAYING ORANGE DODGERS

START & FINISH MARKS: Starting and finishing marks may be either a rib with a flag, an inflatable candy striped conical mark, a dan buoy or similar. The inner distance mark, if laid, may be of the dan buoy type.

TRAPEZIOD MARKS: The course marks will be orange cylindrical inflatable marks.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 2 RACES	1455	Flying Fifteen Beneteau 211 Glen and DB21 Squib & Mermaid	Naval Numeral 6 ICF "F" ICF "K" & ICF "H" ICF "G" & ICF "M"	1446 4.1m
FRIDAY 7TH JULY 3 RACES	1155	Fireball GP14 IDRA 14 & Wayfarer Laser Standard & Radial Water Wag	ICF "F" GP14 Class Flag ICF "Q" & ICF "E" Laser Class Flag Water Wag Burgee	1539 4.0m
SATURDAY 8TH JULY 3 RACES	1155	Fireball GP14 IDRA 14 & Wayfarer Laser Standard & Radial Water Wag	ICF "F" GP14 Class Flag ICF "Q" & ICF "E" Laser Class Flag Water Wag Burgee	1635 3.9m
SUNDAY 9TH JULY 2 RACES	1055	Fireball GP14 IDRA 14 & Wayfarer Laser Standard & Radial Water Wag	ICF "F" GP14 Class Flag ICF "Q" & ICF "E" Laser Class Flag Water Wag Burgee	1734 3.7m

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 race committee starting vessel at the starboard end and the port-end starting mark, or a staff on a rib displaying an orange flag.
- 1.3 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 COURSES

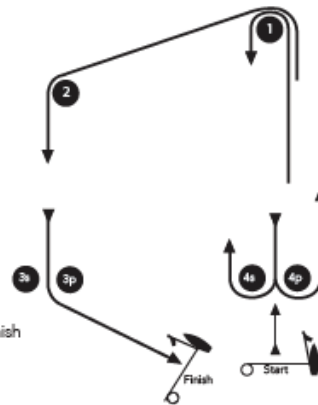
- 2.1 Board 'I' with numeral board will indicate Inner Trapezoid course and number of rounds (Diagram 1).
Board 'O' with numeral board will indicate Outer Trapezoid and number of rounds (Diagram 2).
Board 'A' with numeral board and Board 'B' with numeral board will indicate Windward Leeward and number of rounds (Diagram 3).
- 2.2 The letter and number boards will be shown on the race committee starting vessel from approximately 4 minutes before the start of each class to approximately 1 minute after the start of each class.
- 2.3 The Diagrams 1,2 and 3 show the courses, including the course signals, the order in which marks are to be rounded or passed, and the side on which each mark is to be left. 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.
- 2.4 No later than the warning signal, the race committee starting vessel may display the approximate compass bearing of the first leg.
- 2.5 **Water Wag:** When a trapezoid course is in use; the Water Wags shall sail a windward/leeward course on the inner trapezoid and finish between the race committee starting signal vessel and an outer limit mark set on her starboard side. The number of rounds shall be displayed on a board on the race committee starting vessel.

SH3 THE FINISH

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

**DIAGRAM NO.1
INNER TRAPEZOID**

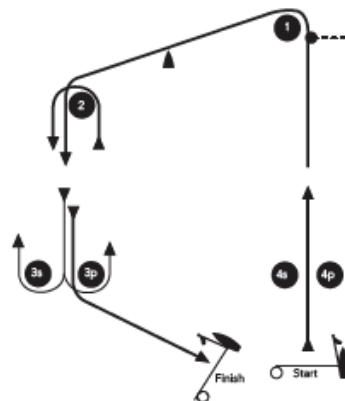
Signal	Mark Rounding Order
I2	Start - 1 - 4s/4p - 1 - 2 - 3p - Finish
I3	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish
I4	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish



**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

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

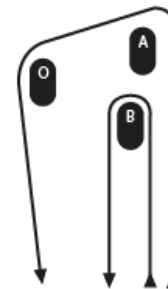


**DIAGRAM NO.3
WINDWARD LEEWARD**

Course A:

Signal	Mark Rounding Order
A1	Start - A - O - Gate - Finish
A2	Start - A - O - Gate - A - O - Gate - Finish
A3	Start - A - O - Gate - A - O - Gate - A - O - Gate - Finish
A4	Start - A - O - Gate - A - O - Gate - A - O - Gate - A - O - Gate - Finish

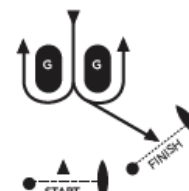
All marks to be rounded to port except when sailing through the gate



Course B:

Signal	Mark Rounding Order
B1	Start - B - Gate - Finish
B2	Start - B - Gate - B - Gate - Finish
B3	Start - B - Gate - B - Gate - B - Gate - Finish
B4	Start - B - Gate - B - Gate - B - Gate - B - Gate - Finish

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



ADDENDUM - COASTAL RACING AREA (C)

STARTING AREA: IN THE VICINITY OF OMEGA (Y) (Approx 53° 17.78N & 06° 06.23'W)

VHF CHANNEL: 73

RACE OFFICER: MICHAEL TYRELL, NRO

START VESSEL: DISPLAYING GREEN DODGERS

START MARK: OMEGA (Y) **FINISH MARKS:** DUN LAOGHAIRE HARBOUR EAST PIER and WEST PIER LIGHTHOUSES

COURSE MARKS: The Chart in SI Fixed Mark and Course Area Chart Addendum indicates the letters/name and the approximate positions/type of mark are shown in SI Fixed Mark Addendum.

DAY & DATE	FIRST WARNING SIGNAL	STARTING SEQUENCE	CLASS FLAG	HW DUN LAOGHAIRE
THURSDAY 6TH JULY 1 RACE	1425	Offshore	ICF Numeral 5	1446 4.1m
FRIDAY 7TH JULY 1 RACE	0955	Offshore	ICF Numeral 5	1539 4.0m
SATURDAY 8TH JULY 1 RACE	1055	Offshore	ICF Numeral 5	1635 3.9m
SUNDAY 9TH JULY 1 RACE	0955	Offshore	ICF Numeral 5	1734 3.7m

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 Omega Mark (Y) and a red and white staff or the main mast on the race committee starting vessel due north of Omega Mark.
- 1.3 A boat starting later than 10 minutes after her starting signal must round Omega (Y) to starboard to start. This changes RRS A3 and A5.

C2 COURSE

- 2.1 The course will be decided on the day of the race and communicated to each skipper via a dedicated Offshore WhatsApp group at least one hour before the start. The Race Committee will also broadcast the course on the designated VHF channel for the area before the warning signal.
- 2.2 The course will be sailed around fixed marks as shown on the chart in SI Fixed Mark and Course Area Chart Addendum and approximate positions in SI Fixed Mark Addendum.

C3 VIRTUAL MARKS

- 3.1 Waypoints may in exceptional circumstances be used as marks. This changes RRS 28 in accordance with the RYA / RORC Guidance – "Racing Around Waypoints".

3.2 Evidence of rounding the “virtual” mark must be taken and may be requested by the Race Officer. This evidence may include:

- (a) Photographic (iPhone or similar) evidence of the yacht’s GPS showing its position at the mark.
- (b) Yacht’s chart plotter track showing the yacht rounding the “virtual” mark.

3.3 The onus of proof of having rounded the waypoint mark will be with each yacht.

C4 THE FINISH

4.1 The finish, unless shortened as in C5, will be between the Pier Ends at the Dun Laoghaire Harbour entrance. This changes RRS Signals.

4.2 The finishing time shall be taken from the Yellowbrick tracker system. Each boat shall also record her finishing time in hours, minutes and seconds together with the names, and approximate finishing times of the boats immediately ahead and astern. This time shall be reported to the Race Office and shall apply subject to verification by the Race Committee.

C5 SHORTENED COURSE

5.1 Courses may be shortened at a mark or virtual mark using the Yellowbrick Tracker and may be broadcast on the designated VHF Channel and by message on the Offshore WhatsApp group. The changes RRS 32.2(a)

5.2 In the event that the Race Committee considers that conditions are not suitable to finish between the pier ends at Dun Laoghaire Harbour, the course may be shortened between the coordinates of Pier Mark (V) and Bay Mark (W) or at other marks coordinates of the course using the Yellowbrick Tracker system.



SI CODE FLAG

ADDENDUM

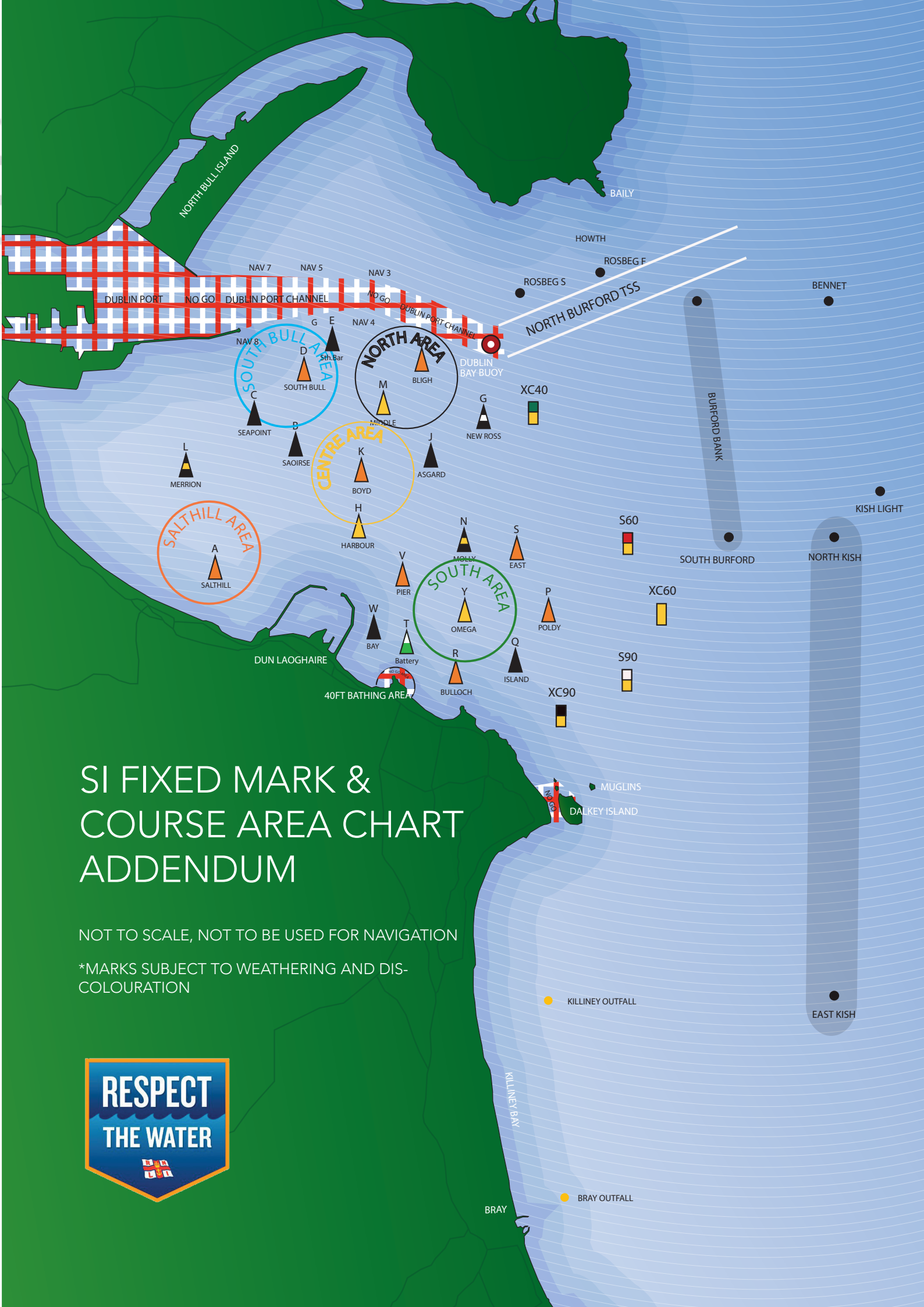
CRUISER CLASS 0	NUMERAL 0	
CRUISER CLASS 1	NUMERAL 1	
CRUISER CLASS 2	NUMERAL 2	
CRUISER CLASS 3	NUMERAL 3	
CRUISER CLASS 4	NUMERAL 4	
NON SPINNAKER 1	NUMERAL 1	
NON SPINNAKER 2	NUMERAL 2	
OFFSHORE	NUMERAL 5	
BENETEAU 31.7	NUMERAL 9	
J80	E	
SIGMA 33	E	
RUFFIAN 23	R	
SHIPMAN	W	
GLEN	K	
CAPE 31	C	
SQUIB	G	
HOWTH 17	E	
DRAGON	D	
FLYING 15	NAVAL NUMERAL 6	
SB20	J	
FIREBALL	F	
MERMAID	M	
IDRA 14	Q	
WATER WAG	WATER WAG BURGEE	
BENETEAU 211	F	
GP14	GP14 CLASS FLAG	
LASER STD & RADIAL	LASER CLASS FLAG	
WAYFARER	E	
420	420 CLASS FLAG	
MIXED SPORTSBOAT	3RD SUBSTITUTE	
DB21	H	
RS21	K	

SI FIXED MARK

ADDENDUM

TYPE	LETTER	NAME	COLOUR	LAT	LONG
DBSC Racing Mark	A	SALTHILL	ORANGE	53°18.36'N	06°.09.00'W
DBSC Racing Mark	B	SAOIRSE	BLACK	53°19.02'N	06°.08.15'W
DBSC Racing Mark	C	SEAPOINT	BLACK	53°19.48'N	06°.08.60'W
DBSC Racing Mark	D	SOUTH BULL	ORANGE	53°20.00'N	06°.08.30'W
DBSC Racing Mark	E	SOUTH BAR	BLACK	53°20.22'N	06°.07.45'W
DBSC Racing Mark	F	BLIGH	ORANGE	53°20.08'N	06°.06.70'W
DBSC Racing Mark	G	NEW ROSS	BLACK/WHITE	53°19.60'N	06°.06.30'W
DBSC Racing Mark	H	HARBOUR	YELLOW	53.18.74'N	06°.07.77'W
DBSC Racing Mark	J	ASGARD	BLACK	53°19.11'N	06°.06.56'W
DBSC Racing Mark	K	BOYD	ORANGE	53°18.85'N	06°.07.37'W
DBSC Racing Mark	L	MERRION	BLACK/YELLOW	53°18.92'N	06°.09.20'W
DBSC Racing Mark	M	MIDDLE	YELLOW	53°19.55'N	06°.07.48'W
DBSC Racing Mark	N	MOLLY	BLACK/YELLOW	53°18.28'N	06°.06.28'W
DBSC Racing Mark	P	POLDY	ORANGE	53°17.82'N	06°.05.40'W
DBSC Racing Mark	Q	ISLAND	BLACK	53°17.45'N	06°.05.58'W
DBSC Racing Mark	R	BULLOCH	ORANGE	53°17.28'N	06°.06.16'W
DBSC Racing Mark	S	EAST	ORANGE	53°18.16'N	06°.05.68'W
DBSC Racing Mark	T	BATTERY	GREEN/WHITE	53°17.46'N	06°.06.68'W
DBSC Racing Mark	V	PIER	ORANGE	53°18.10'N	06°.06.84'W
DBSC Racing Mark	W	BAY	BLACK	53°17.73'N	06°.07.10'W
DBSC Racing Mark	Y	OMEGA	YELLOW	53°17.78'N	06°.06.23'W
CARDINAL		NORTH BURFORD	CARDINAL MARK	53°20.50'N	06°.01.49'W
CARDINAL		BENNET	CARDINAL MARK	53°20.17'N	05°.55.13'W
CARDINAL		SOUTH BURFORD	CARDINAL MARK	53°18.06'N	06°.01.29'W
LIGHTHOUSE		KISH LIGHT	LIGHTHOUSE	53°18.65'N	05°.55.54'W
OUTFALL BUOY		KILLINEY OUTFALL	YELLOW	53°14.90'N	06°.05.06'W
OUTFALL BUOY		BRAY OUTFALL	YELLOW	53°13.15'N	06°.04.49'W
CARDINAL		EAST KISH	LATERAL MARK	53°14.34'N	05°.53.58'W
CARDINAL		NORTH KISH	LATERAL MARK	53°18.55'N	05°.56.43'W
ISLAND		MUGLINS	RED WHITE LIGHT	53°16.53'N	06°.04.57'W
INFLATABLE	XC40	VOLVO 2	YELLOW/GREEN TOPHAT	53°19.37'N	06°.05.88'W
INFLATABLE	S60	VOLVO 3	YELLOW/RED TOPHAT	53°18.38'N	06°.04.20'W
INFLATABLE	XC60	VOLVO 4	YELLOW TOPHAT	53°17.85'N	06°.04.00'W
INFLATABLE	S90	VOLVO 5	YELLOW/WHITE TOPHAT	53°17.41'N	06°.04.20'W
INFLATABLE	XC90	VOLVO 6	YELLOW/BLACK TOPHAT	53°17.10'N	06°.05.00'W

*MARKS SUBJECT TO WEATHERING AND DISCOLOURATION



SI FIXED MARK & COURSE AREA CHART ADDENDUM

NOT TO SCALE, NOT TO BE USED FOR NAVIGATION

*MARKS SUBJECT TO WEATHERING AND DIS-COLOURATION



● KILLINEY OUTFALL

● BRAY OUTFALL

BRAY

Sigma 33s under spinnaker in the 2019 Volvo
Dun Laoghaire Regatta on Dublin Bay
Photo: Afloat

VOLVO DUN LAOGHAIRE REGATTA 2023
SAILING INSTRUCTIONS



NOTES

V O L V O

Volvo XC90 Recharge plug-in hybrid

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