



WAVE REGATTA

Organised by Howth Yacht Club CLG

Friday 3 June, Saturday 4 June and Sunday 5 June 2022

RACE OFFICERS

Fleet 1: Committee Vessel: Star Point. Race Officer: David Lovegrove IRO

Fleet 2: Committee Vessel: Spirit of the Irish. Race Officer: Derek Bothwell NRO

Fleet 3: Committee Vessel: Sea Wych. Race Officer: Scorie Walls NRO

TIDAL INFORMATION

High water at Howth is as follows:

Friday 3 June: HW 1447h 3.41M

Saturday 4 June; 1530h 3.41M

Sunday 5 June: 1618h 3.17M

SECTION A: GENERAL INSTRUCTIONS

A1 Rules

The races shall be governed by the Racing Rules of Sailing (RRS), the Prescriptions of Irish Sailing, the Notice of Race, these Sailing Instructions and any changes thereto. Competitors in One Design Classes shall comply with their relevant Class Rules. Competitors in IRC and ECHO handicap Classes shall comply with the rules of those handicapping systems.

RRS Appendix T (Arbitration) will apply

In all rules governing this regatta, [DP] denotes a rule for which the penalty may, at the discretion of the Protest Committee, be less than a disqualification and [NP] denotes a rule that shall not be grounds for protests by a boat. This changes RRS 60.1(a).

A2 Notices to Competitors

Notices to competitors will be posted on the Official Notice Board located in the archway beside the Marina Office as well as online at the official regatta website.

A3 Change of Sailing Instructions

Changes to Sailing Instructions will be posted not later than two hours before the scheduled start of the first race so affected. Changes to the schedule of races will be posted before 2000hrs on the evening before such change is applicable. Flag L displayed on the flagpole at the top of the marina bridge denotes that a change to Sailing Instructions has been made.

A4 Signals Made Ashore

Signals made ashore will be displayed on the flagpole at the top of the marina bridge.

When flag AP is displayed ashore, 'one minute' is replaced with 'not less than 60 minutes' in Race

Signal AP. This changes RRS 'Race Signals'.

A5 Protests

Protests and requests for redress shall be lodged through the Online Protest Portal

https://www.racingrulesofsailing.org/events/3247/event_links?name=wave-regatta

The Protest Time Limit for a boat is 90 minutes from the time of finish of the last boat in that boat's fleet. This time limit shall be extended to two hours in the event of the race being finished at either the Taylor Buoy or the Burren Perch at Lambay Island.

For protests that are not about incidents observed in the racing area, the protest time limit shall be 90 minutes. This changes RRS 61.3

These Protest Time Limits will be posted on the Online Protest Portal.

Notices of protests by the Race Committee, Technical Committee or Protest Committee will be posted before the end of the protest time limit to inform boats under RRS 61.1(b).

The time and place of Protest Hearings will be initially posted on the Online Protest Portal within 15 minutes of the Protest Time Limit. The listing of a boat on this schedule shall constitute informing her of a hearing as per RRS 63.2. Parties involved shall present themselves and their witnesses at the time and place indicated on the schedule.

If, on the last day of scheduled racing no racing has taken place, a request to the Protest Committee shall be submitted no later than 30 minutes after 'AP over A' is displayed ashore. This changes RRS 66.

To request correction of an alleged error in posted race or series results, a boat shall complete a scoring enquiry via the Online Protest Portal.

[DP] Penalties for a breach of the Class rules may, at the discretion of the Protest Committee, be less than disqualification.

A6 Arbitration

If a party is not present at an arbitration meeting, any party that was present may take a Post-Race Penalty at any time until the Protest Committee has completed taking evidence. This changes RRS T1 (a).

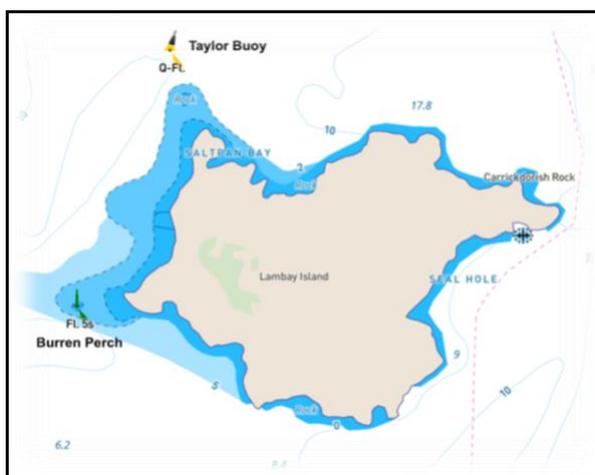
A7 Navigation Marks and Obstructions

The Navigation Marks in and around Howth Sound shall be left as follows –

- South Rowan Buoy: to be passed to the West and South
- Howth Buoy: to be passed to the South and East
- Rowan Rocks Buoy: to be passed to the East and South
- HYC Spit Mark: to be passed to the East (See Appendix for approx. location)



When rounding Lambay Island, boats shall pass outside the Taylor Buoy and Burren Perch and are advised to give both a wide berth.



Any part of Ireland's Eye or Lambay Island capable of being touched while racing is designated as an obstruction.

A8 Radio Communications

Competitors are advised to keep a listening watch on VHF Channel 77 for Star Point, Channel 69 for Spirit of the Irish and Channel 72 for Sea Wych, where information relevant to racing may be broadcast. Should this information be broadcast, it shall not constitute outside assistance and shall not be the subject of any protest or claim for redress. Failure to broadcast this information shall not be the basis for any claim for redress.

The Race Committees will communicate with their respective fleets via the following VHF channels:

- Fleet 1:** Committee Vessel Star Point Ch 77 with alternative channel 8
- Fleet 2:** Committee Vessel Spirit of the Irish Ch 69 with alternative channel 68
- Fleet 3:** Committee Vessel Sea Wych Ch 72 with alternative channel 74

In the event of a primary channel becoming unserviceable, the relevant Race Committee will broadcast on the designated alternative channel for that fleet.

[NP][DP] Competitors who retire from a race shall inform the Race Committee promptly by radio on Channel 77, 69 or 72 as appropriate or, if the alternative channel for the boat's fleet is in use, shall use the alternative. Competitors without radio should inform the Race Office on coming ashore.

A9 Prize Giving

The approximate time of the prize-giving for the Lambay Races will be 1800 on Saturday 4 June. The final prizegiving will be held on Sunday 5 June at 1800.

A10 Safety

Competitors participate entirely at their own risk; see Fundamental Rule 4, Decision to Race and the Irish Sailing Safety Booklet. Open boat entrants are referred to relevant Class regulations. The wearing of suitable personal flotation devices in all boats is strongly recommended at all times.

The responsibility for the safety of competing boats and their crews lies solely with the said competitors.

Howth Yacht Club CLG. and/or the Organising Committee will not accept any liability for material damage, personal injury or death sustained in conjunction with, prior to, during, or after racing.

A11 Insurance

Each participating boat shall be insured with adequate, appropriate, valid, third-party liability insurance, valid for the duration of the Wave Regatta.

A12 Identification (NP)

As a courtesy to the Race Committees, boats are requested to identify themselves to their relevant Committee Vessel prior to the first start each day.

A13 Equipment Inspection (For IRC Classes only, excluding Non-Spinnaker and One Design Classes)

Equipment inspection may be carried out at any time during the event.

Competitors are reminded that, under RRS 78, while a boat is racing the owner or person in charge shall ensure that the boat complies with the Class rules.

A competitor subject to an on-the-water equipment inspection will be signalled from a RIB by the Race or Technical Committee and the boat shall follow their instructions.

A competitor failing an equipment inspection may be subject to protest under RRS 60.4.

A boat that fails an equipment inspection a second or more times **will be scored DNE** for all races sailed on the day of the infringement (or the day prior if the infringement is detected before racing on the next day) without a hearing. This changes RRS 63.1 and RRS Appendix A5.

A14 Clean Regatta

WAVE is a 'Clean Regatta' and is fully supportive of sustainability of our land and marine environments. As plastic is one of the primary pollutants of the sea, all competitors are asked to bring their own water bottles and chilled, filtered water will be available at the entrance to the marina. We also ask that you try and eliminate any plastic wrapping in your consumables on board and to recycle any necessary plastic when ashore.

The organisers encourage competitors and supporters to do their bit on land by choosing to cycle, car share or use public transport to get to the event.

A15 Official Boats

Official boats, other than mark-laying boats, may be identified by displaying the following flags:

Protest Committee / Technical Committee: Yellow flag with text 'Jury'.

News media: White flag with red letter 'R'.

A16 Howth Harbour and Howth Sound Right of Way [NP] [DP]

Howth Harbour and the Sound are deemed to be 'confined channels' and trawlers, ships and similar craft constrained in their ability to manoeuvre shall be kept clear of by sailing boats. Accordingly:

(i) When entering and leaving the harbour, boats shall pass other vessels PORT-TO-PORT.

(ii) Boats shall not impede trawlers, fishing vessels or other large, powered craft that are constrained in their ability to manoeuvre whilst in Howth Sound, the Harbour Entrance and the Fairways to the Trawler Dock and the HYC Marina.

Breach of the above shall be subject to protest.

SECTION B: FLEETS and RACES:

B1 The following pennants shall identify the Classes:

Class 0	- Numeral 0
Class 1	- Numeral 1
Class 2	- Numeral 2
Class 3	- Numeral 3
Class 4 Non-Spinnaker	± – Numeral 4
Class 5 Non-Spinnaker	≅ – Numeral 5

The same numeral flags will be used by the Race Committee as the Class flag for each Fleet. Boats shall display prominently their Class pennant from their backstay at all times while racing. Any boat not doing so shall be scored DNF, this changes RRS 63.1 and RRS Appendix A5.

Other boats are not required to display pennants

B2 The fleets will comprise the following Classes:

Fleet 1: Classes 0, 1 and 2 shall constitute Fleet 1- Committee Vessel: Star Point.

Fleet 2: Classes 3, 4 and 5 shall constitute Fleet 2- Committee Vessel: Spirit of the Irish.

Fleet 3: Sigma 33s, J 80s and J24s shall constitute Fleet 3 (One Design) - Committee Vessel: Sea Wych.

B3 Start Times:

Friday 29 May:	1100 All fleets
Saturday 30 May:	1030 followed at 1200 by Lambay Races for all fleets (see Section C below)
Sunday 31 May:	1100 All fleets

The Race Committees will use VHF to notify the Fleets on the respective courses of the approximate time for commencement of the starting sequence for races after the first races on Friday and Sunday.

There will be no starts after 1600 on Sunday 5 June

B4 Start Sequence:

<u>Fleet 1:</u>	<u>Flag</u>
Class 0	No. 0
Class 1	No. 1
Class 2	No. 2

<u>Fleet 2:</u>	<u>Flag</u>
Class 3	No. 3
Class 4 Non-Spinnaker	No. 4
Class 5 Non-Spinnaker	No. 5

<u>Fleet 3:</u>	<u>Flag</u>
Sigma 33	E
J80	J
J24	J24

B5 Schedule of Races:

Friday 3 June:

Fleet 1: Three races are scheduled (Windward/Leeward, Committee Vessel Star Point) **Fleet 2:** Two races are scheduled (Round the Cans, Committee Vessel Spirit of the Irish)

Fleet 3: Three races are scheduled (Windward/Leeward, Committee Vessel Sea Wych)

Saturday 4 June:

Fleet 1: One race (windward/leeward) **followed by** the Lambay Races (Committee Vessel Star Point) **Fleet 2:** One race (windward/leeward) **followed by** the Lambay Races (Committee Vessel Spirit of the Irish)

Fleet 3: One race (windward/leeward) **followed by** the Lambay Races (Committee Vessel Sea Wych)

Sunday 5 June:

Fleet 1: Two races are scheduled (Round the Cans, Committee Vessel Star Point)

Fleet 2: Three races are scheduled (Windward/Leeward, Committee Vessel Spirit of the Irish)

Fleet 3: Three races are scheduled (Windward/Leeward, Committee Vessel Sea Wych)

The Race Committee may, at its discretion, amend the above schedule depending on the prevailing weather conditions.

B6 Starting Area

The starting area for all courses will be North and/or West of Ireland's Eye. The Committee Vessels will broadcast their positions on the relevant VHF Channels

B7 Starting Lines

The starting line shall be between a red/white pole (or main mast) on a Committee Vessel (to be passed to starboard) that will display an orange flag and an orange cylindrical start mark.

The sail numbers of boats that are OCS may be broadcast no sooner than one minute after the Class starting signal for the boats. The failure of the Race Committee to broadcast the number of an OCS boat shall not be grounds for a redress claim. This changes RRS 62.1.

B8 Starting Time Limit

A boat starting later than ten minutes after her starting signal will be scored DNS. This changes RRS 63.1 and RRS Appendix A5.1.

B9 Course Designation:

The course to be sailed by a Class will be signalled no later than the Preparatory Signal for that Class. This changes RRS 27.1.

Round the Cans course will be indicated by displaying **IC Flag R**

Windward/Leeward course will be indicated by displaying **IC Flag W**

B10 Windward/Leeward course:

The number of rounds to be sailed on the windward/leeward course will be signalled by the display of a number board on the Committee Vessel and will indicate as follows - marks to be rounded to port (with the exception of the gate) in the following order:

- No 1:** 1 - 2 - G - F
- No 2:** 1 - 2 - G - 1 - 2 - G - F
- No 3:** 1 - 2 - G - 1 - 2 - G - 1 - 2 - G - F

In the above courses, Mark G indicates a leeward gate, as per the indicative course diagram. Should both gate marks not be laid, boats shall regard the single mark as a port rounding mark.



B11 Change of Course:

To maintain the integrity of the course, the Race Committee may make small changes to the positions of the marks. These will not be signalled. This changes RRS 33

B12 Description of Marks for Windward/Leeward Courses:

Start mark: This will normally be an orange cylindrical mark

Course marks:

Fleet 1: These will normally be yellow inflatable marks

Fleet 2: These will normally be black inflatable marks

Fleet 3: These will normally be orange pyramid marks

Finish mark: This will normally be a small orange spherical mark.

B13 Round the Cans Courses:

The course for Round the Cans races will be selected by the Race Committee from the list of marks in the Appendix to these Sailing Instructions (which shall form part of the Instructions), relayed to competitors via VHF and displayed on the relevant Committee Vessel.

Courses may include the following special marks, which will be large yellow inflatable marks:

MA: Marquette T1
FR: Findlaters
BS: Bloody Stream
HH: Hogs and Heifers

The approximate location and coordinates of the 4 special marks and the other fixed HYC marks are given in Appendix 1.

For all Round the Cans races, a Windward mark (large yellow for Fleet 1 and large black for Fleet 2) will be laid approximately to windward of the Committee Vessel. This shall be rounded to Port as the first mark on the course. Thereafter, boats shall sail to the first mark as indicated on the course displayed and continue to sail around the marks in the order as displayed.

Should the Committee vessel be displaying a White Flag, boats shall disregard the Windward mark (or it may not be laid) and sail directly to the first mark on the course as displayed.

B14 Finish Lines

The finishing line, unless shortened, will be between a staff with a Blue flag on the Finishing Vessel and the finish mark.

For Windward/Leeward races, the finish line will be as shown on the course diagram.

For Round the Cans races, the finish line will be approximately upwind of the last mark on the course.

NOTE: the finishing vessel may be different to the start vessel.

B15 Time Limits:

The time limits shall be as follows:

Fleet 1: the time limit for all races (except the Lambay Races) shall be as follows:

Cruiser 0: 20 minutes after the second non Cape 31 boat sails the course and finishes.

Cruiser 1 and 2: 20 minutes after the second boat sails the course and finishes.

Fleet 2: the time limit for all races (except the Lambay Races) shall be 20 minutes after the second boat sails the course and finishes

Fleet 3: the time limit for all races (except the Lambay Races) shall be 15 minutes after the first boat sails the course and finishes

Boats failing to finish a race within the above time limits will be scored 'DNF' without a hearing. This changes RRS 35, RRS 63.1, RRS Appendix A4 and A5.

SECTION C: LAMBAY RACES

Section C supplements Sections A and B for the Lambay Races but, in the event of a conflict, Section C shall be deemed to take precedence for the Lambay Races.

C1 Starting Time Limit

A boat starting later than ten minutes after her starting signal will be scored DNS. This changes RRS 63.1 and RRS Appendix A5.1.

C2 Re-crossing Start/Finish Lines [NP][DP]

All boats shall keep clear of the starting line until their warning signal. Boats, having started and cleared their starting line, shall not re-cross that line while starts are in progress. Boats shall not cross any other starting line while starts are in progress.

Boats shall not cross any finishing lines other than their own when the Committee Vessel on station at the end of the line encountered is displaying a Blue and/or an S flag. Competitors are requested to avoid interfering with boats that may be attempting to finish on such finish lines.

C3 Starting Area

The starting area will be North and/or West of Ireland's Eye

C4 Starting Line

The starting line shall be between a red/white pole (or main mast) on a Committee Vessel (to be passed to starboard) that will display an orange flag and a cylindrical orange start mark.

The sail numbers of boats that are OCS may be broadcast no sooner than one minute after the Class starting signal for the boats. The failure of the Race Committee to broadcast the number of an OCS boat shall not be grounds for a redress claim. This changes RRS 62.1.

C5 Start

Sequence:

Star Point:

<u>Fleet 1:</u>	<u>Flag</u>	<u>Start</u>
Class 0	No. 0	1200
Class 1	No. 1	
Class 2	No. 2	

Spirit of the Irish

<u>Fleet 2:</u>	<u>Flag</u>	<u>Start</u>
Class 3	No. 3	1200
Class 4 Non-Spinnaker	No. 4	
Class 5 Non-Spinnaker	No. 5	

Sea Wych

<u>Fleet 3:</u>	<u>Flag</u>	<u>Start</u>
Sigma 33	E	1200
J80	J	
J24	J24	
Pupeteer	A	
Howth 17	C	
Squib	K	

C6 Course Designation

1. The courses for each Class in the Lambay Races will be selected by their respective Race Committee from the list of marks in the Appendix to these Sailing Instructions (which shall form part of the Instructions), relayed to competitors via VHF and displayed on the relevant Committee Vessel.

In addition to the list of marks in Appendix 1, L shall mean Lambay Island and the following marks may also be used.

MA: Marquette T1
FR: Findlaters
BS: Bloody Stream
HH: Hogs and Heifers

2. A Windward mark (large yellow for Fleet 1, large black for Fleet 2 and orange pyramid for Fleet 3) will be laid approximately to windward of the respective Committee Vessels. This shall be rounded to Port as the first mark in all races. Thereafter, boats shall sail to the first mark as indicated on the course displayed and continue to sail around the marks in the order as displayed.
3. Should the Committee Vessel be displaying a White Flag, boats shall disregard the Windward mark(or it may not be laid) and sail directly to the first mark on the course as displayed.

C7 Shortened course:

RRS 32 shall apply.

In addition to the option of shortening a race at a designated mark of the course, the Race Committee may choose to shorten the race for a Class (or Classes) at the Burren Perch or at the Taylor Buoy. In the event of them deciding to use this option, one (or both) of the features will be deemed to become marks of the course for a Class whose race is signalled as being shortened at one of them. This changes RRS 27.1.

C8 Finishing Line

Unless the course is shortened, there will be two finish lines:

Fleets 1 and 2 will finish in the vicinity of the HYC Island (I) mark and the line will be between a red/white pole with a blue flag on the Finish Vessel and a small orange spherical mark.

Fleet 3 will finish in Howth Sound and the finish line will be between a red/white pole with a blue flag on the Finish Vessel and the HYC Xebec (X) mark, which shall be left to port.

C9 Time Limits:

The Time Limit for all fleets for the Lambay Races is 1700. If a boat in a Class finishes within this limit, the time limit for that Class shall be extended to 1730. In the event of postponement(s) and/or general recall(s), the time limit(s) for races so affected shall be correspondingly extended. A boat that fails to finish within the above time limits will be scored 'DNF' without a hearing. This changes RRS 35, RRS 63.1, RRS Appendix A4 and A5.

EMERGENCY PROCEDURES AFLOAT

If an incident occurs during the Regatta the following procedure should be followed:

Go to VHF Channel 16 and broadcast the appropriate message from the list below three times:

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

In every case, state:

- 1. The nature of the incident / injury**
- 2. The name and position of the boat**

Other issues can be reported to the Committee Vessel for the fleet the boat is competing in, using the designated VHF Channel for the fleet, and the Race Officer advised of the incident.

APPENDIX TO SAILING INSTRUCTIONS

WAVE 2022

MARK DESCRIPTIONS / POSITIONS (Approx)				Latitude (N)	Longitude (W)
ID	Name	Shape	Colour	(Deg Min)	(Deg Min)
A	Apex	Conical	Black	53 26.76	06 03.26
C	Cush	Conical	Black	53 24.61	06 05.45
D	Dunbo	Conical	Yellow	53 24.73	06 03.85
E	East	Conical	Black	53 26.00	06 02.20
G	Garbh	Conical	Black	53 25.00	06 02.32
	Howth	IALA	Green	53 23.69	06 03.56
H	Hub	Conical	Black	53 25.71	06 04.43
I	Island	Conical	Black	53 24.70	06 04.36
J	Thulla	Conical	Black	53 23.80	06 03.40
K	Stack	Conical	Black	53 24.60	06 03.11
O	Osprey	Conical	Orange	53 25.41	06 03.52
P	Portmarnock	Conical	Black	53 25.63	06 05.80
Q	Rowan Rocks	IALA	Black	53 23.88	06 03.22
R	South Rowan	IALA	Green	53 23.78	06 03.88
S	Spit	Conical	Black	53 24.35	06 04.48
U	Ulysses	Conical	Orange	53 26.22	06 04.97
V	Viceroy	Conical	Orange	53 25.12	06 04.78
W	West	Conical	Black	53 24.96	06 06.07
X	Xebec	Barrel	Black	53 24.12	06 04.33
FR	Findlaters	Inflatable	Yellow	53 31.00	06 02.00
MA	Marquette T1	Inflatable	Yellow	53 31.00	06 00.00
BS	Bloody Stream	Inflatable	Yellow	53 25.00	06 00.00
HH	Hoggs and Heifers	Inflatable	Yellow	53 27.00	06 00.00

The above locations are the planned positions of marks. Weather, tide and other factors may result in the actual locations varying from the listed positions so locations shall be treated as indicative rather than definitive.

WAVE REGATTA

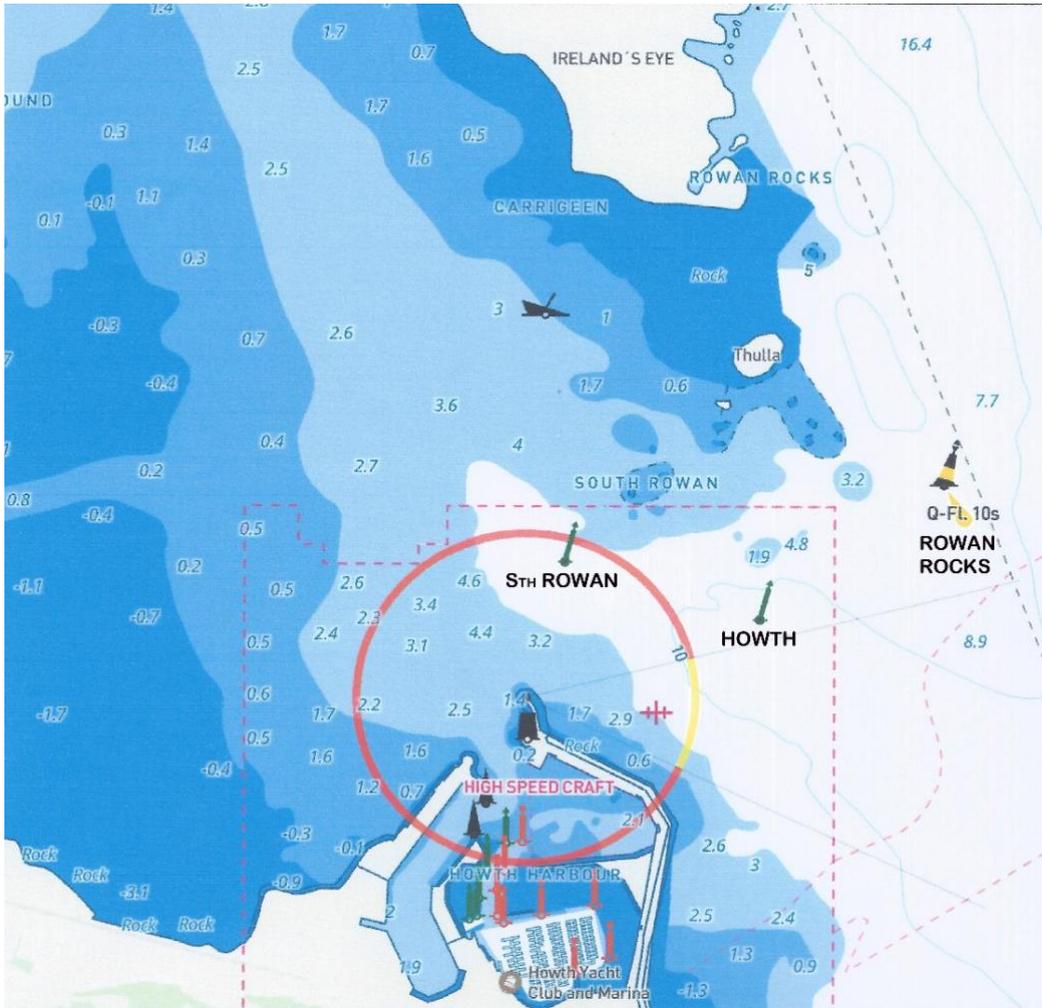
RACE MARKS

Findlaters

Marquette T1



HOWTH SOUND CHART



LAMBAY CHART

