

ISORA – Irish Sea Offshore Racing Association



MUSTO ISORA 2021

REVISED V4a

Notice of Race and General Sailing Instructions

MUSTO



ISORA

*2021
offshore & coastal
series*

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**MUSTO ISORA SERIES 2021**

REVISED V4a

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Introduction

ISORA (Irish Sea Offshore Racing Association) is a not-for-profit members organisation responsible for offshore racing in the Irish Sea.

The Association is run by volunteers for the benefit of competitors by working in partnership with boat owners, crew, clubs, associations, and the governing bodies for boating in Ireland, Wales and the UK.

Our mission is to promote the sport of offshore racing in the Irish Sea.

The MUSTO ISORA 2021 Series of races comprises the traditional Offshore Series of six cross-channel races, one Coastal Series in Ireland and one Coastal Series in Wales.

The Races are subject to change and all competitors should check the latest published schedule of races on the ISORA.org web site.

This Notice of Race (NoR) applies to all ISORA organised races and includes Rules that affect every race unless modified by the Supplemental Sailing Instruction (SSIs) for the specific race.

When a Rule is modified in the SSIs, it takes precedence over the Rule in this Notice of Race and General Sailing Instructions.



ISORA is Affiliated to Irish Sailing, RYA and RYA Cymru Wales





1. ORGANISING AUTHORITY.

- 1.1. The Organising Authority for the MUSTO ISORA 2021 Series is the National Yacht Club Dun Laoghaire in association with Irish Sea Offshore Racing Association ISORA.

2. RULES.

- 2.1. Racing will be governed by the 'rules' as defined in the Racing Rules of Sailing 2021 to 2024 (RRS).
- 2.2. IRC rules part A, B & C shall apply to IRC racing.
- 2.3. Handicapping by the 'RYA National Handicap for Cruisers (NHC)' shall apply as appropriate and at the discretion of the ISORA Technical Committee.
- 2.4. The prescriptions of the Irish Sailing Association will apply to races starting in Ireland and those of the RYA to races started in the United Kingdom and WORLD SAILING OFFSHORE SPECIAL REGULATIONS 2020-2021 extract for Race Category 3 Monohulls with Life Raft will apply for all cross-channel races and all of the Night Races. Race Category 4 will apply for Day races.
- 2.5. ISORA publishes Supplemental Sailing Instructions (SSIs) and Race specific Protocols for each race and in the event of conflict the ISORA 2021 Supplemental Sailing Instructions (SSIs) for that specific race will prevail.
- 2.6. Between sunset and sunrise navigation lights must be lit. These, and any emergency navigation lights carried, must conform to Rule 22 of the International Regulations for Preventing Collisions at Sea. Boats that cannot comply with these Regulations must retire from the race.
- 2.7. RRS Part 2 (WHEN BOATS MEET) does not apply between sunset and sunrise and is replaced by Part D (Steering and Sailing Rules) of the International Regulations for the Prevention of Collisions at Sea. The times for Sunset and Sunrise will be published in the SSIs for each specific race.
- 2.8. Any contravention of Rules, Regulations or Sailing Instructions must be reported in the Declaration.
- 2.9. Waypoints may be used as marks. If so, Rule 28 will be amended in accordance with the World Sailing Guidance – "Guidance on Racing Around Waypoints" See website for details

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ISORA 2021 Main Sponsor



3. ADVERTISING

- 3.1. Boats may be required to display advertising chosen and supplied by the organising authority.

4. ELIGIBILITY

- 4.1. The ISORA Races that are 'Category 3' and 'Category 3 with Life Raft' are open to all boats that have a valid IRC Certificate with STIX value not less than 23, AVS not less than 130 and **Minimum SSS base number of 15** and comply with Section 3 of World Sailing Offshore Regulation
- 4.2. Coastal Races that are Category 4 are open to all boats that have a valid IRC Certificate.
- 4.3. Yachts shall belong to or be chartered to and be under the control of a member of a club, association or organisation affiliated to IS or RYA or other equivalent national authority.
- 4.4. The Race Committee reserves the right to refuse any entry and/or to ask any boats to complete further undertaking or declarations before accepting their entry.

5. CLASSES AND CLASS FLAGS

- 5.1. There will be racing for three classes - IRC Class Zero, Class 1 and Class 2 in the series. The splits are anticipated to be at about 1.035 and 0.985

- IRC 0 = 1.035 or greater
- IRC 1 = 0.986 to 1.034
- IRC 2 = 0.985 or less

- 5.2. Class Flags will be flown from the backstay of each competing yacht based on the breakpoints specified in the Sailing Instructions and as follows:

- IRC Class Zero boats will display Numeral Pennant 0
- IRC Class 1 boats will display Numeral Pennant 1
- IRC Class 2 boats will display Numeral Pennant 2



- 5.3. There will be a Silver Class. Eligibility for the Silver Fleet Division will be determined by the ISORA Committee.

- Class 1 Silver Fleet = Hull Factor 7.8 or less and DLR 220 or greater
- Class 2 Silver Fleet = Hull Factor 7.8 or less and DLR 200 or greater

- 5.4. If fleet numbers allow, there will be a 2-handed Division for competitors with a "short-handed" IRC Certificate.

- 5.5. The ISORA Technical Committee shall at all times have discretion as to the classes, fleets and entries and has the right to amend at any time.

**6. ENTRY**

- 6.1. Eligible boats shall enter by completing the on-line entry form which is on the ISORA [web site](#)
- 6.2. A boat shall enter and lodge a completed entry form and declaration together with the race fee at least 6 hours before the start of the race with the Race Officer of the host club or its entry shall be excluded under RRS 76 and late entries are subject to a late entry supplement.
- 6.3. Skippers must have the written parental consent for all crew members under the age of 18.

7. RACES COMBINED WITH OTHER CLUBS, ASSOCIATIONS AND ORGANISATIONS.

- 7.1. Some ISORA Races are combined with other Clubs, Associations and Organisations such as RORC, RDYC, NYC, CHPSC and LYC
- 7.2. Where races are combined it is the skipper's responsibility to enter the race organised by the club, organisation, or association.

8. CLASSIFICATION

- 8.1. There is no classification restriction (See RRS 79)

9. CREW NUMBERS

- 9.1. Crew numbers shall be limited to the maximum capacity of the liferaft carried on the boat. IRC Rule 22.4.2 shall not apply. There will be no limit (save as before mentioned with life raft capacity) on crew number or weight except as required for boats rated as one designs which shall comply with IRC Rule 22.4.1.

ISORA Coastal Series Sponsors

Viking Marine Irish Coastal Series
Please look at the latest news and offers from Viking Marine [here](#)



Plas Heli Welsh Coastal Series
The Welsh National Sailing Academy and Event Centre in Pwllheli – read more about the Community Enterprise [here](#)





10. REGISTRATION OF CREW – ISORA CREW MANAGER

- 10.1. Skippers must register the following details, for all crew members, on the 'ISORA Crewmanager App':
- Crew Name and mobile phone number
 - Shore Contact Name and phone number for each crew member
- 10.2. The information will only be used:
- for safety purposes and in an instance of an emergency.
 - if required in association with the ISORA Covid Protocol and Contact Tracing

11. FEES

- 11.1. The Race entry fees are stated on the schedules below and on the entry form.
- 11.2. Entry to a race includes ISORA membership for the owner or skipper of the boat.
- 11.3. Late entries will pay a late entry supplement.

12. RACE AND SERIES SCHEDULES



MUSTO ISORA 2021

Revised Race Schedule

This amends the Notice of Race 12.1



Race No.		Ireland	Wales	Weighting
1 CW	1st May		Pwllheli to Pwllheli - Coastal	0.9
2 CI	15th May	Dun Laoghaire to Dun Laoghaire – Coastal Training – 35 m		0.9
3 CW	15th May		Pwllheli to Pwllheli - Coastal	0.9
4 OI	29th May	Dun Laoghaire to Dun Laoghaire – Offshore Training – 50+ m		1.1
5 OW	29th May		Pwllheli to Holyhead – Offshore	1.1
6 OI	9 th June	Dun Laoghaire to Dingle		1.3
7 OW	12 th June		Pwllheli to Conwy – Offshore	1.2
8 OI	2 nd July	Dun Laoghaire to Dun Laoghaire – Offshore – 70 miles		1.2
9 OW	2 nd July		Liverpool to Pwllheli (Lyver Race) – Offshore	1.3
10 CI	10 th July	Dun Laoghaire to Dun Laoghaire – Coastal – 35 miles		0.9
11 OIW	31 st July	Dun Laoghaire to Pwllheli – Offshore – 70 miles	Dun Laoghaire to Pwllheli – Offshore – 70 miles	1.2
12 CI	28 th August	Dun Laoghaire to Dun Laoghaire – Coastal – 35 miles		0.9
13 CW	28 th August		Pwllheli to Pwllheli – Coastal	0.9
14 CW	29 th August		Pwllheli to Pwllheli – Coastal	0.9
15 OIW	11 th Sept	Pwllheli to Dun Laoghaire – Offshore – 70 miles	Pwllheli to Dun Laoghaire – Offshore – 70 miles	1.2

- 12.1. The race schedule will be as follows subject to compliance with the regulations and guidelines of our Governing Bodies IS and RYA Cymru Wales.:



13. MEASUREMENT

- 13.1. Each boat shall have a valid IRC Rating Certificate. Applications for IRC rating certificates should be made to the RORC Rating Office or to the Irish Sailing Association.
- 13.2. The ISA/RORC Rating Office published lists, applicable at the start of a race, will be final for that race, except as a result of a rating protest, or to correct a rating office error.

14. SAILING INSTRUCTIONS

- 14.1. Supplemental Sailing Instructions (SSIs) for each race will be published on www.isora.org approximately one week before the race and may be distributed by email to race/series entrants.
- 14.2. Any change to the Supplemental Sailing Instructions or General Sailing Instructions will be posted on the ISORA website by 18.30hrs on the day before it will take effect.

15. SCORING

- 15.1. The scoring system is as follows:
 - Scoring will be on a High point basis using Sailwave.
 - RRS Appendix A is changed: paragraph A4 will not apply.
- 15.2. The points for each race will be adjusted for the fleet size using the CHIPS3 formula as incorporated into the Sailwave race scoring program.
- 15.3. The Points will be multiplied by the Weighting Factor to reflect the difficulty factor of the race. The General Weighting applied is as follows:
 - Day Coastal 0.9 –
 - Night Coastal 1.0 –
 - Offshore < 70 mile 1.1 –
 - Offshore > 70 miles 1.2
 - James Eadie Race 1.3





- 15.4. An explanation of the CHIPS 3 formula and weighting Factor can be found on the [ISORA Web site](#)
- 15.5. TIE BREAKERS:
- 15.6. If at the end of the series the score is tied between two or more boats, each boat's race scores shall be listed in order of best to worst, and at the first point(s) where there is a difference the tie shall be broken in favour of the boat(s) with the highest score(s).
- If a tie remains between two boats, it shall be broken in favour of the boat that scores better than the other boat in more races.
 - If more than two boats are tied, they shall be ranked in order of the number of times each boat scored better than another of the tied boats.
 - If a tie still remains between two or more races, they shall be ranked in order of their scores in their last race.
 - A boat that is penalised under RRS 30.2 or that takes a penalty under RRS 44.3(a) shall be scored points as provided in RRS 44.3(c).

16. ELECTRONIC AIDS, RADIO COMMUNICATION

- 16.1. The use of electronic aids, including auto helms, and linked electronic devices is permitted. VHF Transceivers are mandatory (Changes RRS 52).
- 16.2. YB tracker system may be used to record the course of all boats entering each race. The YB tracker unit will be allocated by the Race Committee on a first come basis. The unit must be switched on and fitted before the start of each race and must not be disabled during the race.
- 16.3. All competing boats in the Offshore series must be fitted with an Automatic Identification System (AIS) in accordance with OSR 3.29.13 and it must be turned on to receive and transmit in all 'Qualifying Races'.
- 16.4. It is recommended that competitors in the Coastal Series have an Automatic Identification System (AIS). If AIS equipment is fitted to the boat it must be turned on to receive and transmit.
- 16.5. The tracker data is required for recording race finishing times and may be required when waypoint marks are used.



**17. WAYPOINTS**

- 17.1. Waypoints may be used as marks. If so, Rule 28 will be amended accordingly in accordance with the RYA / RORC Guidance – “Racing Around Waypoints” See website for details.
- 17.2. Evidence of rounding the “virtual” mark must be taken and may be requested by the Race Officer. This evidence may include:
- Photographic (iPhone or similar) evidence of the yacht’s GPS showing its position at the mark.
 - Yacht’s chart plotter track showing the yacht rounding the “virtual” mark. This must be transmittable to ISORA by email.
- 17.3. The onus of proof of having rounded the WAYPOINT mark will be with each yacht.

18. ISORA YB TRACKER

- 18.1. All boats entered in the race will be fitted with the YB Tracker. The Skipper, accepting the units will be responsible for the replacement cost of the unit in a situation that the unit gets lost or damaged.
- 18.2. Details for the collection and return of the tracking unit will be published in the Race Supplemental Sailing Instructions and it is the skipper’s responsibility to ensure compliance.
- 18.3. The race progress can be tracked by following the YB Tracking app for iPhones and Android. On downloading the app, the “ISORA 2021 Series” and is available on the ISORA website.

**19. WARNING ON MOVEMENT OF BALLAST**

- 19.1. The notice available on the ISORA website www.isora.org “Warning on the movement of ballast” must be signed and displayed permanently on the main bulkhead adjacent to the mast.





20. PRIZES

- 20.1. Prizes will be given as follows: Series 1st - 3rd Overall and 1st - 3rd positions per Class / Division in each race. Trophies will be awarded for Series Overall and Overall Winner of each Race.
- 20.2. ISORA Offshore Series: To win the overall ISORA series for the Wolf's Head Trophy boats must compete in 5 of the 6 "Qualifying" races. Points for the overall series will then be taken from the best 5 results out of the 6 races and the two Coastal Series.
- 20.3. Viking Marine Coastal Series (Ireland) The highest total points of 4 of the 5 races scheduled of the 'Irish Coastal Race Series'.
- 20.4. Coastal Series Autumn (Ireland) The highest total points of the two races – no discards.
- 20.5. ISORA Points Series The highest total points in all 'Qualifying' races without discards.
- 20.6. Team Series: Three boats Club team. The scores are taken from the Overall Results Table for qualifying races and applying the Clubs best three results in each race. (Traditionally "The Victoria Cup"). Boats can elect to sail in the Barbarian Team.



21. DISCLAIMER OF LIABILITY

- 21.1. Competitors participate in the series entirely at their own risk. See RRS 3, Decision to Race and General ISORA Condition 14.6. The organizing authority, RORC, ISORA, the host clubs and sponsors of individual races will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the series.
- 21.2. All skippers must complete the race declaration and the crew list before and after each race.



**22. RESPONSIBILITY AND DISCLAIMER OF LIABILITY**

22.1. RRS Rule 3 of the Racing Rules of Sailing states: “The responsibility for a boat’s decision to participate in a race or to continue racing is hers alone.”

22.2. Sailing is by its nature an unpredictable sport and therefore inherently involves an element of risk. By taking part in the event, each competitor agrees and acknowledges that:

- They are aware of the inherent element of risk involved in the sport and accept responsibility for the exposure of themselves, their crew and their boat to such inherent risk whilst taking part in the event.
- They are responsible for the safety of themselves, their crew, their boat and their other property whether afloat or ashore.
- They accept responsibility for any injury, damage or loss to the extent caused by their own actions or omission.
- Their boat is in good order, equipped to sail in the event and they are fit to participate.
- The provision of a race management team, patrol boats and other officials and volunteers by the event organiser does not relieve them of their own responsibilities.
- The provision of patrol boat cover is limited to such assistance, particularly in extreme weather conditions, as can be practically provided in the circumstances.
- They are responsible for ensuring that their boat is equipped and seaworthy so as to be able to face extremes of weather; that there is crew sufficient in number, experience and fitness to withstand such weather; and that the safety equipment is properly maintained, stowed and in date and is familiar to the crew.



22.3. It is their responsibility to familiarise themselves with any risks specific to the venues or the ISORA events drawn to their attention in any rules and information produced for the venues or events and to attend any safety briefing held for the events.

ISORA 2021 RACE SPONSORS

HENDRICKRYAN
Consulting Engineers



**23. INSURANCE**

- 23.1. It is a condition of enter for each boat owner to have their boat adequately insured against any risk, including civil liability to third parties and to ensure that such insurance remains valid for the entirety of the Event and with a minimum cover of €3,000,000.

24. FURTHER INFORMATION

- 1.1. For further information, please contact secretary@isora.org or sailing@nyc.ie. Information will be posted on the ISORA website www.isora.org and the National Yacht Club website www.nyc.ie.

25. RESPONSIBILITY UNDER IRC / IRC (NO SPINNAKER) / IRC (SHORT HANDED).

- 25.1. The IRC / IRC (No Spinnaker) / IRC (Short Handed) under which ISORA race, contain sections affecting owners, and through them, crews. It is important that all those taking part in racing understand that breach of these rules mean that the Boat is either no longer eligible before the race even starts because the Rating Certificate is invalid, or is liable to disqualification if any contravention occurs during the race.
- 25.2. It is the Owner's responsibility for the presentation of his Boat for ashore and afloat measurement and the arrangement of the measurement of sails and spars.
- 25.3. It is the Owner's general responsibility after measurement to inform the Rating Office of changes to ballast, tankage, engine and propeller installations, change affecting trim and flotation, the movement of measurement bands and changes in spars including any renewals and any changes in hull shape.
- 25.4. It is the Owner's responsibility whilst racing to comply with any limitation on sail setting and sheeting, the securing of the propeller, devices to fix drop keels or moveable appendages. The shipping, unshipping or moving of ballast and moving from stowage of any equipment is FORBIDDEN. Anchor and chain shall be secure in clautun marked stowage

26. RESPONSIBILITY

- 26.1. All those taking part in these races do so at their own risk and responsibility. ISORA, NYC, the host Clubs and the Sponsors of individual races are not responsible for the seaworthiness of any boat whose entry is accepted.
- 26.2. **THE DECISION REGARDING `STARTING AND CONTINUING A RACE LIES DEFINITELY WITH THE SKIPPER OF EACH BOAT AS HE / SHE ALONE IS AT ALL TIMES RESPONSIBLE FOR THE SAFETY OF HIS / HER OWN BOAT AND CREW**
- 26.3. All competitors in our cross-channel races should be aware of new Rules following Brexit. Further expansion and clarification will be provided on the ISORA website and as part of the SSIs for the races affected.





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Your Notes:

ISORA - Irish Sea Offshore Racing Association

ISORA - Promoting the sport of Offshore Racing in the Irish Sea .

About ISORA - Racing

ISORA provides offshore racing in the Irish Sea and two separate Coastal Series - in Ireland and UK

OFFSHORE RACING COASTAL RACES