International 2.4mR Class Association, Technical Committee

R = (L + 2d – F + √S) / 2.37 = 2.4

2.4mR TC MEETING 21 October 2026

Present

Peter Russell (AUS)
Rikard Bjurstrom (FIN)
Bruce Millar (CAN)
Jon Bjorklund (NOR)

Apologies

Thomas Jatsch (GER)

General Business

1. World Sailing Inclusion Championship 2026 Portimão (Portugal)

   2026.10.21 2.4mRs competed at the World Sailing Inclusion Championship 2026 with Marko Dahlberg first on 27 points, Otto Dahlberg second on 43 points and Rikard Bjurstrom third on 47 points and first Para sailor Niko Salomaa fourth on 59 points – the fleet included 14 boats with 11 para sailors. Rikard Bjurstrom noted that the fleet enjoyed good, competitive racing. Thomas Jatch, chief measurer for the event, was busy with both equipment inspections and boat repairs!

   2.4mR boats are owner (not manufacturer) controlled and adapted to suit individual sailor requirements with no tuning or trimming limits as for other classes.

   The World Sailing notes race window is 30 minutes to suit broadcast window, drone media allows for outside courses. World Sailing notes owner or organiser provided boats are both considered as eligible Para equipment.

   IPC to decide Para sports May 2027, Para sailing equipment evaluation to be scheduled 2027.

   A huge thanks to John Seepe, Rikard, Marko, Otto, Niko and all comppetitors for making the 2.4mR boat an inspiring example of inclusive sailing in Portimão (Portugal).

2. 2.4mR CRC 2027

   2026.10.21 2.4mR Buoyancy Certificate proposal aproved for submission to 2.4mR World Council 2027. 2.4mR TC to add buoyancy check to 2.4 NOD Builder Declaration Form.

3. 2.4 NOD Certificate Procedures Review

   2026.10.21 2.4 NOD certificates on ICA website access and certification proceedures review ongoing. Information management is key issue – 2.4mR, 2.4 NOD & boat serial number photo record required to identify boats. Louise Anstey review of 2.4 certificate proceedures discussed – Louise noted consistent naming of certificates required. Note «**certificate**» is the document issued by the certification authority issued upon receipt of a satisfactorily completed Measurement Form.

   - ❖ TC to check updated OBTAINING CERTIFICATES draft and prepare updated flow diagram.

4. 2.4mR Measurement Manual Update

   2026.10.21 Updated 2.4mR Measurement Manual incorporating 2.4mR Measurement Form line numbers issued. Jon Bjorklund noted Norway TC working on new Measurement Manual (including English translation).

5. Electronic Equipment

   2026.10.21 TC noted decision making should be by sailor not computer – TC noted that boats should not receive data communication that is not available to all boats - TC noted timer, compass and start line setting functions OK.

   TC agreed no class rule change required at current time – SIs for events to require that boats – "*while racing, from the first warning signal until the end of the last race of the day, except in an emergency, a boat shall not make voice or data transmissions and shall not receive voice or data communication that is not available to all boats*".

6. 2.4 NOD Super 3 Update

   2026.10.21 EC to followup David Heritage Racing Yachts marketing on website.and transfer of 2.4 NOD Accredited Builder Agreement to David Heritage Racing Yachts.

7. 2.4 NOD Ontario Yachts Update

2026.10.21 2.4 NOD Accredited Builder agreement executed by ICA and Ontario Yachts 11 February 2025. Ontario Yachts 2.4 NOD laminate design approved 16 January 2025. Ontario Yachts 2.4 NOD mould approval subject to completion of protoype boat No. 1 2.4 NOD class rules measurement. TC to consider recomendation for 2.4 NOD builder certification following satisfactory completion of 2.4 NOD class rules measurement. Pricing and marketing documentation required - boats to be batch produced for sale. Boats P1 & P2 sold, P3 manufacture delayed.

8. Linked4sailing 2.4mR Builder Accreditation

2026.10.21 No further contact with Linked4sailing.

9. Auxinavy 2.4 NOD Builder Accreditation

2026.10.21 Auxinavy 2.4 NOD Accredited Builder Agreement executed 17 March 2026. Auxinavy application to use use Corecell™ M Series (M100) by GurSAN core material approved by 2.4mR TC 24 April 2026. Laminate design details and weight sample photograph to be submitted to 2.4mR TC for approval. No further contact with Auxinavy.

10. Björndahl Update

2026.10.21 Rikard Bjurstom advised that the Finland 2.4mR boat moulds are in excellent condition and Tom Björndahl is available to build 2.4mR boats in batches of 5 boats at a competitive price.

11. 2.4mR World Championship 2027 Tonsberg

2026.03.13 Peter Russell issued NOR advice and associated documents to 2.4mR World Championship 2027 Organising Authority, Tønsberg Seilforening, Fjærholmveien 192, Husøysund, 3132, Norway (Erik Fusdahl).

- 2.4mR WORLD CHAMPIONSHIP 2027 TC NOR ADVICE v. 1
- 2.4mR World & Continental Championship Management Manual 2026 (v. 13)
- 2.4mR WORLD CHAMPIONSHIP EVENT FORM
- 2.4mR WORLD CHAMPIONSHIP INSPECTION PLAN 2024
- 2.4mR WORLD CHAMPIONSHIP SUBSTITUTION FORM
- 2.4mR WORLD CHAMPIONSHIP HAUL-OUT FORM
- 24mRwc2023NoR (1)
- 2025 2.4mR Worlds_NoR_FVM_6_FINAL
- NOR-WK-2.4mR-final3

2026.06.03 Dates for 2.4mR World Championship 2027 confirmed as 26.07.2027 to 01.08.2027. 2.4mR website to be updated with event details.

CLUB: Tønsberg Seilforening, Fjærholmveien 192, Husøysund, 3132, Norway

DATE: 26 July to 1 August 2027

2026.08.19 The Norway 2.4mR Association confirmed in Sneek that they will issue a Preliminary Notice ASAP including details as follows:

- Invitation to 2.4mR World Championship 2027 Tonsberg
- Club
- Program
- Accommodation
- Sailing Area
- Sailing Conditions
- Pre-worlds sailing event (Jon Jon Bjorklund confirmed that the club will conduct a pre-worlds sailing event)

2026.09.23 TC noted requirement for 10-12 charter boats – 2 available from Finland (Rikard Bjurstrom), 4 available from Germany (Thomas Jatsch).

2026.10.21 2.4mR boats not invited to World Sailing Inclusive Championship 2007 in Gdynia (Poland) so no date conflict (refer 2.4mR EC minutes).

2026.10.21 Thomas Jatsch may not be available as Technical Committee chairman due to World Sailing commitments – Norway to check options noting that World Sailing Regulations permit no IM as Technical Committee chairman to be agreed with World Sailing.

International Judges may not be available for the event – Norway to check options including zoom meetings. 2.4mR TC advised Organising Authority regarding World Sailing Regulation 10 on 21.09.2026 noting that World Sailing Regulations permit the jury to be agreed with World Sailing:

- 5 members required, a majority shall be International Judges
- Independent of race and technical committee
- No more than two members from the same National Authority

2026.10.21 2.4mR TC noted no Preliminary Notice or NOR received by the TC for review to date, both documents are now significantly overdue – Jon Bjorklund to follow up with Organising Authority with both documents to be issued to the 2.4mR TC by end October 2026 for review.

12. 2.4mR World Championship Management Manual

    2026.10.21 2.4mR World Championship Mangement Manual 2026 v. 14 issued for 2.4mR website publication.

13. 2.4mR World Championship Equipment Inspection Plan

    2026.10.21 2.4mR World Championship Equipment Inspection Plan 2026 issued for 2.4mR website publication.

14. Measurer Accreditation

    2026.10.21 International Measurer - Thomas Jatsch providing ongoing assistance for World Sailing events - Thomas Jatsch to follow-up IM accreditation status with World Sailing.

15. 2.4mR Compartment Opening

    2026.10.21 Peter Russell to prepare 2.4mR & 2.4 NOD COMPARTMENT OPENING PROPOSAL eAGM 2027 for review.

    - Opening required to permit air to escape a compartment when performiong a buoyancy check.
    - Opening may be installed in either the boat bulkheasd or deck – Riakard Bjurstrom to forward photo of deck bung installation.
    - Inspection of buoyanmcy equipment through opening not required – buoyancy test is eveidence of compliance.

16. 2.4mR Carbon Construction

    2026.10.21 Bruce Millar noted Heiko Kroger question regarding carbon construction - refer EC minutes as follows. No communication to 2.4mR TC recieved to date.

    2.4mR EC Minutes 2 June 2026

    Carbon fibre components: Heiko raised experiences with small carbon parts (e.g. profiles, levers) and their practical advantages over alternatives such as stainless steel or GRP. The committee acknowledged ongoing discussions, including World Sailing approvals for certain carbon elements (e.g. cleat boards). Emphasis was placed on clear rule descriptions, size limitations, and non-structural applications. Members are encouraged to submit photos and details of encountered items to the TC for review.

17. 2.4mR Measurement Enquiry

    2026.10.21 2.4mR rating enquiry discussed. Rikard Bjurstrom advised that FIN 51 is certifed as rating to the 2.4mR class rules. TC noted that girth differences in the 2.4mR class rules do affect hull design and can result in rating penalties which can affect performance. Peter Russell to advise regarding girth differences measurement.


FIN 51

18. 2.4mR Certification Review

    2026.10.21 2.4mR website reviewed to delete TC advice notes now addressed by 2.4mR class rule changes.

19. 2.4mR Certification Review

2026.10.21 2.4mR class rule A11 Cerftification subject to ongoing discussion with World Sailing.

CR .11 CERTIFICATION requires a measurement form for all 2.4mR boats to obtain a **certificate**. Production 2.4mR boats built from approved molds have idential measurements so why do we pay for full measurement for all boats? TC to consider options for **certification** of production boats. Full measurement could apply to production boat prototypes only with random checks to future boats.

- Full measurement needs to apply to all one-off (home-built) boats, modified boats and boats with no records.
- Full measurement would be required for production boat new prototypes if the approved moulds or laminate design is changed.
- Full measurement is a time and cost barrier for new 2.4mR boat construction.

TC to review Builder's Declaration form – design information required including weight, sail dimensions, P, E , I & J for equipment inspection.

2.4mR Class Rules

A.11 CERTIFICATION

A.11.1 *For a **boat** not previously **certified**, all items required by the **certification control** form to be measured shall be measured by an **official measurer** and the details entered onto the form. The declarations on the form shall be signed by the builder and the **official measurer**.*

A.11.2 *The **certification control** form and **certification** fee if required, shall be sent to the **certification authority** in the country where the **boat** is to be registered after completion of measurement.*

A.11.3 *Upon receipt of a satisfactorily completed measurement form and **certification** fee if required within the time limit, the **certification authority** shall issue a **certificate**.*

A.11.4 *The **certification authority** shall retain the original measurement form, which shall be transferred to the new **certification authority** upon request if the **boat** is exported.*

Next Meeting:

Canada	12.00pm Wednesday 25 November 2026
Norway	9.00pm Wednesday 25 November 2026
Germany	9.00pm Wednesday 25 November 2026
Finland	10.00pm Wednesday 25 November 2026
Australia	6.00am Thursday 26 November 2026

2.4mR TC WORK PROGRAM 2026

2.4mR Technical Committee
Peter Russell (AUS) Chairman
Bruce Millar (CAN)
Rikard Bjurstrom (FIN)
Thomas Jatsch (GER)
Jon Bjorklund (NOR)

ICA 2.4 NOD Certification Administrator
Louise Anstey (CAN)
ICA IMs
Keith Gordon (GBR) IM
Matti Muoniovaara (FIN)

1 World Sailing

TC to review World Sailing RRS and ERS for class rule compliance.

2 2.4mR Class

TC to review class documentation:

- Updated 2.4mR class rules issued by World Sailing 16 June 2025
- 2.4mR Measurement Manual 2020 (v. 9)
- 2.4mR eMeasurement Form (line numbers addition & data entry)
- 2.4mR Buoyancy **certificate** (v. 4)
- 2.4mR **certificate** template for NCA Certification Authorities

TC to seek World Sailing 2.4mR class rule change approval (refer eAGM 2026):

- 2.4mR Ballast Proposal
- 2.4mR Materials Proposal
- 2.4mR Towing Fitting Proposal
- 2.4mR A.13.1 (d) Correction Proposal
- 2.4mR Hull Definition Proposal – Cleat Board (Norway)

TC to review 2.4mR class rule requirements:

- 2.4mR Compartment Opening Proposal (buoyancy check & grandfathering)
- 2.4mR Waterline Declaration (consider tank test and still waters for waterline measurement)
- 2.4mR Buoyancy Check (consider buoyancy builder certification of production boats)
- 2.4mR Certification (consider measurement and builder certification of production boats)
- 2.4mR Electronic Equipment (consider use of Vakaros race sense capability)
- 2.4mR Sail Numbers (consider plaque numbers for new sails & bow numbers for events)

3 2.4 NOD Class

TC to review class documentation:

- 2.4 NOD Class Rules 2025 v.2
- 2.4 NOD Construction Manual 2023 v.2
- 2.4 NOD Drawings J1 – Measurement Section, J2 – Templates, J3 – Deck layout, J4 - Section
- 2.4 NOD Measurement Manual 2020 (v. 9)
- 2.4 NOD Measurement Report New Boats (v.5), Measurement Report – Old Boats (v. 4), Optional Measurement Report Mast & Boom (v. 5)
- 2.4 NOD **certificate** template (v. 5)
- 2.4 NOD Accredited Builder stickers starting at number 1000

TC to amend 2.4 NOD class rules (refer eAGM 2026):

- 2.4 NOD Ballast Proposal
- 2.4 NOD Materials Proposal
- 2.4 NOD Towing Fitting Proposal

TC to review 2.4 NOD class rule changes:

- 2.4 NOD Compartment Opening Proposal (buoyancy check & grandfathering)
- 2.4 NOD Waterline Declaration (consider tank test and still waters for waterline measurement)
- 2.4 NOD Buoyancy Check (consider buoyancy builder certification of production boats)
- 2.4 NOD Certification (consider measurement and builder certification of production boats)
- 2.4 NOD Electronic Equipment (consider use of Vakaros race sense capability)

TC to review 2.4 NOD certification of 2.4mR boats with beam dimension non-compliances

4 Measurement

TC to review 2.4mR and 2.4 NOD measurement manuals – measurement form line number references to be added – Norway TC measurement diagrams to be added.
TC to manage preparation of Measurement Training Video by Norway TC.
TC to review 2.4mR Official Measurer Requirements & Equipment 2023 advice.
TC to review 2.4 NOD template use and prepare 2.4 NOD template register.

5 Safety

TC to review safety advice – Thomas Jatsch to issue safety training notes and photos.

6 Buoyancy Checks

TC to review ICA Buoyancy Certifier assignments:

- Buoyancy Certifier applications need to demonstrate competency either by current or past measurement qualifications or endorsement by an Official Measurer.
- ICA Buoyancy Certifier is a Measurer role appointed by the ICA (not MNA) where the person needs to have knowledge of the Class Rules and the ERS, respect competitors and officials and be aware of conflicts of interest.

TC to maintain 2.4mR Buoyancy Certifier database.

7 2.4 NOD Accredited Builders

TC to review 2.4 NOD Accredited Builder class rule compliance:

- 2.4 NOD Accredited Builder Application Process (v. 5)
- 2.4 NOD Accredited Builder Agreement v. 4.2 (EC)
- 2.4 NOD Accredited Builder Boat Inspection Plan (v. 6)
- 2.4 NOD Accredited Builder Declaration Form (v. 3)
- 2.4 NOD scan prepared by *VmaxYachting* in high definition for 2.4 NOD Accredited Builders and low definition for general distrbution (EC)
- 2.4 NOD scan data file agreement (EC)

The EC has executed 2.4 NOD Accredited Builder Agreements as follows:

- *SUPER 3 (United Kingdom) Brian Harding*
- *ONTARIO YACHTS (Canada) Andrew Macrae*

TC to advise next steps for 2.4 NOD acredited builder application from Auxinavy (Spain)
TC to manage 2.4 NOD prototype inspections and approvals

8 Official Measurer Training

TC to support 2.4mR Official Measurer training program.

- NCA obtains expression of interest in obtaining Official Measurer accreditation from interested persons and advises ICA of persons names and background.
- Interested persons attend National, Continental or World Championship events as Equipment Inspector for measurement introduction.
- Interested persons attend ICA 2.4mR measurement training program to enable interested persons to undertake 2.4mR measurement for external examiner review. 2.4mR training could be conducted on a four-year cycle subject to commitment from interested people.
- Interested persons obtain NCA support and attend MNA Official Measurer program to obtain Official Measurer accreditation.
- NCAs obtains required measurement equipment, templates etc for Official Measurer use.

TC to maintain 2.4mR Official Measurer database. All NCAs to advise Official Measurer details.
TC to support Thomas Jatsch IM accreditation application.

9 2.4mR World Championships

TC to assist 2.4mR World Championship Sneek 2026 Organizing Authority with SI documentation.
TC to assist 2.4mR World Championship Tønsberg 2027 Organizing Authority with race documentation.

10 2.4mR World and Continental Championship Management

TC to review 2.4mR World and Continental Championship Management documentation.

- 2.4mR World and Continental Championship Management Manual 2025 v. 12
- Event Form
- Inspection Plan
- Haul-out Form
- Substitution Form