



TC Meeting 26 May 2022

Present

Peter Russell (AUS)
Keith Gordon (GBR)
Thomas Jatsch (GER)
Rikard Bjurgstrom (FIN)
Bruce Millar (CAN)

Apologies

Stellan Berlin (SWE)

General Business

1. Rikard Bjurgstrom advised BOY KAPH GROUP AB (CHARGER SAILING) (FINLAND) has now ceased manufacture of 2.4mR boats. Moulds and parts held under separate ownership so not affected by bankruptcy. Business to continue with kayak manufacture only.
2. 2022 European Championships. Thomas Jatsch approved by FRA as official measurer for event.
Only 3 NOD certified boats. Keith Gordon confirmed «*The OA with agreement of interested parties (including World Sailing) agreed The European 2.4 mR Championship and The Parasailing European Championships 2022 will be sailed in Int. 2.4 mR. WS Current Classification will be used to identify Parasailors.*»

Measurement issues:

- One boat hoist U bolt pulled out – crane damaged
- Sail measurement required for non-certified sails
- 10 floatation checks required
- 1 zippered jib not passed – non-compliance with 2.4mR Clas Rules

C.9.3 JIB

(a) USE

- (1) The **sail** shall be hoisted on a halyard. The arrangement shall permit hoisting and lowering of the **sail** at sea.

3. 2.4mR Class Rules B.4.3 FLOATATION CHECKS

B.4.3 A boat may carry a separate buoyancy flotation certificate, where an **official measurer** confirms a satisfactory flotation check. The International 2.4 mR buoyancy flotation form shall be used. A flotation check is valid for not more than 5 (five) years.

TC to review requirement for Official Measurer confirmation to assist with all fleets maintaining required safety standards.

2022 2.4mR TC Work Program

A EC Meetings

Bruce Millar to act as TC representative to EC meetings except where Peter Russell required
Bruce Millar advised 2021 AGM Minutes approved for publication (not on website to date).

B NOD certification strategy



How to get all NOD boats certified? How to inform owners that they are responsible for obtaining NOD certificates and require them to compete at para events?

26.05.22 Noted that owners think measurement form is certificate. Thomas Jatsch to forward copy of GER forms to TC for review. Bruce Millar to consider explanatory video. Requirement for owners to issue certificate to event organising authorities as part of entry should be included in all NORs. NCAs could be required to collect all NOD forms for certification.

26.05.22 Keith Gordon noted rating certification on 2.4mR measurement form now used by GBR so relevant measurement data included.

C Follow-up WS approval of 2015 & 2018 amendments to 2.4mR Class Rules

Stellan Berlin to advise approval status.

26.05.22 Stellan Berlin advised WS advice due 21 May 2022 but not received to date.

D Review NOD Rule Proposal resulting from ERS change

Refer draft 2.4mR TC NOD Class Rule Proposal SPAR

26.05.22 TC members confirmed NOD Class Rule Proposal SPAR supported for WC approval submission.

E Prepare Seat removal rule for 2.4mR and NOD classes

Refer Canada proposal 6

26.05.22 Bruce Millar working on weight measurements. 2.4mR factory seat is 2.5kg so no boats can maximise lead to 181kg with seat included. Keith Gordon and Thomas Jatsch reported on European Championships – seats vary from 1.8kg (Meagan Pascoe) to 2.7kg (standard). Keith Gordon suggested simple rule allowing seat removed for measurement. Bruce Millar to prepare draft rule for review.

F Prepare Headsail Boom removal rule for 2.4mR and NOD classes

Refer Canada proposal 7

26.05.22 Bruce Millar working on weight measurements. Keith Gordon suggested simple rule allowing seat removed for measurement. Bruce Millar to prepare draft rule for review.

G Establish Official Measurer database

26.04.22 Peter Russell issued draft OM database to TC members for population then issue to NCAs.

H Measurer training strategy

Class IMs - Keith Gordon + Matti Muoniovaara

26.04.22 Rikard Burjstrom undertaking 2.4mR measurement skilling with Matti Muoniovaara.

Keith Gordon working with Thomas Jatsch with view to obtaining IM qualification subject to IM examination pass, inspections at two events (2021 Para Worlds), 2022 European Championship) now completed – IM exam possible this year, requirement for detailed understanding of ERS noted.

OM + IM training, additional IMs, regular measurement seminars?

14.04.22 Thomas Jatsch noted that only one OM resulted from measurement seminar despite 20 attendees. OM training suggested as up-skilling approach for people already committed to measurement – 2 potential measurers in Germany.

I NOD licenced manufacturers – no current licences issued by ICA

NOD Class Rules and Construction Manual are based on licenced builders

«The 2.4 Norlin One Design hulls and rudders shall only be manufactured by Licensed Builders – in the class rules referred to as licensed hull builder. Equipment is required to comply with the 2.4 Norlin One Design Construction Manual and is subject to a manufacturing control system approved by the ICA.»

2.4mR website schedules the following builders:

- OY KAPH GROUP AB (CHARGER SAILING) (FINLAND)
- MALMSTEN BOATS (SWEDEN)
- NOMAD BOATBUILDING (CANADA)
- PURE SAILING (THE NETHERLANDS)



- SUPER 3 (UNITED KINGDOM)
- SUPER 3 (GERMANY)

ICA to review manufacturer control strategies with World Sailing (WS) – amend Class Rules and Construction Manual to World Sailing and ICA World Council agreed strategy in consultation with builders to achieve rule compliance and quality builds.

26.05.22 Bruce Millar to discuss with EC status of licenced or class builder strategy.

J Boat scan for NOD digital file as referenced under NOD Construction Manual

2 DRAWINGS

2.1 DIGITAL DRAWINGS

A licensed Builder will get a data file describing the hull shell. From these data a plug can be produced by MNC technique from which the moulds can be manufactured. Moulds may also be manufactured directly from the data. Templates needed to check moulds and built hulls can be manufactured from the data in the same way.

As an alternative, a licensed Builder may buy moulds from Charger Composites.

26.04.22 NOD scan by Brian Harding noted.

L Assist EC with finalisation of updated 2.4mR World and Continental Championship Management Manual

Version 5 addresses RMM-hh1200730 review.

26.04.22 Bruce Millar issued version 5 to EC for review – important to get class documents updated as shown with discussion on WC trophies.

Next Meeting:

Canada	3.00pm Thursday 30 June
UK	8.00pm Thursday 30 June
Sweden	9.00pm Thursday 30 June
Germany	9.00pm Thursday 30 June
Finland	10.00pm Thursday 30 June
Australia	5.00am Friday 1 July