



## TC Meeting 7 September 2022 (notes in blue)

Meeting continued from 1 September 2022

### Present

Peter Russell (AUS)

Bruce Millar (CAN)

Stellan Berlin (SWE)

Rikard Bjurgstrom (FIN)

### Apologies

Keith Gordon (GBR)

Thomas Jatsch (GER)

### T 2.4 NOD Class Rules, Construction Manual and Measurement Form review.

07.09.2022 Peter Russell issued draft 2.4 NOD Class Rules, Construction Manual and Measurement Forms update for review.

#### CLASS RULES

2.4 NOD class rule update includes World Sailing, dimensions check, formatting and proposed rule changes as follows:

- ❖ Accredited Builder
- ❖ Buoyancy Certificate
- ❖ Seat & Headsail Boom
- ❖ Spar Definition

Key principles guiding 2.4 NOD class rules development:

- ❖ The 2.4 NOD is a class of 2.4mR boat
- ❖ The 2.4 NOD class rules should not include barriers to increased sailing participation
- ❖ The accredited builder should certify boat compliance with the 2.4 NOD class rules

General discussion on ideas:

Rikard Bjurgstrom

- ❖ Delete 181kg lead requirement  
DISCUSSION – Removing lead for event verification of 181kg ballast compliance is barrier to 2.4 NOD sailing; production boats hull weight should be consistent so consider deleting 181kg ballast rule; how can special builds with reduced hull weight (minimum weight bulkheads, fitting etc) be controlled; additional ballast up to 10kg is possible with special build; builders certification could state that the ballast (excluding correctors if any) is 181kg so do we need event checking; random boat ballasts could be checked at events; consider removable keel.  
RECOMENDATION – Consider control with builder certification.
- ❖ Delete template measurement for production boats  
DISCUSSION – Templates could be used only for checking say first 3-5 then random production boats, production boats manufactured to the ICA data file should be equal and not require template checking when manufacturing processes finalised; templates could be used for Paralympic events or where hull alteration is suspected; templates could be deleted from measurement form and rely on builder certification; measurement process barrier could be removed with template check deleted.

## International 2.4mR Class Association, Technical Committee

$$R = ( L + 2d - F + \sqrt{S} ) / 2.37 = 2.4$$



RECOMMENDATION – Consider control with builder certification, control hull dimensions with ICA data file and first 3 production boats then random production boat template checks, delete template check from measurement process.

- ❖ Build true (symmetrical hulls)  
DISCUSSION – existing boats not symmetrical about centreline; new boats could be built with symmetrical hulls to good building practice; symmetrical hulls would delete requirement for port and starboard templates; ICA data file could be used to average hulls to middle template dimensions; mould change to symmetrical hulls could improve 2.4 NOD market perception; mould change to symmetrical hulls would not disadvantage existing 2.4 NOD boats.  
RECOMMENDATION – Consider builder views and existing boat implications
- ❖ Consider maximum keel depth  
DISCUSSION – Existing keel depth is 985mm, maximum keel depth is 1000mm; keel depth is controlled by maximum girth dimension < 2752mm; increase in keel depth will result in minor righting moment improvement so may disadvantage existing 2.4 NOD boats.  
RECOMMENDATION – Consider retaining keel depth as existing

Stellan Berlin

- ❖ 2.4 NOD certificate to guarantee 2.4mR certificate  
DISCUSSION – 2.4 NOD boats are automatically 2.4mRs, the 2.4mR is a World Sailing class so need to comply with WS regulations with certificates issued by MNAs or delegates.  
RECOMMENDATION – Consider 2.4 NOD as 2.4mR certification options.
- ❖ 2.4 NOD class rules to be standalone  
DISCUSSION – 2.4 NOD class rules could include all 2.4mR class rule requirements so they are a standalone class rule.  
RECOMMENDATION – Review 2.4mR/NOD class rules to ensure 2.4 NOD class rule can stand alone.

Bruce Millar

- ❖ Delete 2.4mR certificate requirement for 2.4 NOD boats  
DISCUSSION – 2.4 NOD boats are automatically 2.4mRs, 2.4 NOD sailors can choose to have boats certified as 2.4mR boats if racing as 2.4mR class.  
RECOMMENDATION – Consider deletion of 2.4mR certification requirement from 2.4 NOD class rules.
- ❖ Do we need the 2.4 NOD measurement form  
DISCUSSION – 2.4 NOD boats could be accredited builder certified so no measurement required; can 2.4 NOD measurement form be designed to match 2.4mR measurement form.  
RECOMMENDATION – Consider builder certification process.

### Next Meeting:

Canada	noon Wednesday 6 October 2022
UK	8.00pm Wednesday 6 October 2022
Sweden	9.00pm Wednesday 6 October 2022
Germany	9.00pm Wednesday 6 October 2022
Finland	10.00pm Wednesday 6 October 2022
Australia	6.00am Thursday 7 October 2022 (daylight saving commences 2 October 2022)