

International 2.4mR Class Association, Technical Committee

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



2.4mR TC ADVICE 2024

2.4mR & 2.4 NOD CERTIFICATES

PLAQUES AND STICKERS

All 2.4mR boats require a World Sailing/ISAF/SSA PLAQUE



Refer 2.4mR Class Rule B.5

All 2.4 NOD boats require an ICA 2.4 NOD sticker in addition to the PLAQUE



Refer to 2.4 NOD Class Rule B.3

BUOYANCY CERTIFICATE

All 2.4mR and 2.4 NOD boats require a current buoyancy certificate completed and signed by an official measurer or an ICA assigned person

2.4mR
Buoyancy Certificate

WS/World Sailing Plaque Number: _____

Date of Flotation Check: _____

The yacht has been checked under the following conditions:

- The boat was in racing condition and with an additional 35kg of lead ballast placed within 100mm from 0.55 x LWL from the bow station.
- The boat was filled with water and tilted over to starboard, to port, to the bow and to the stern in order to let air enclosed under deck and other parts of the hull to come out.

It was noticed that the boat floated in an approximate horizontal position.

A flotation check is valid maximum five (5) years from the date of flotation check.

This is certified by: _____

Name of official measurer
or individual assigned by the 2.4mR ICA Technical Committee

Signature

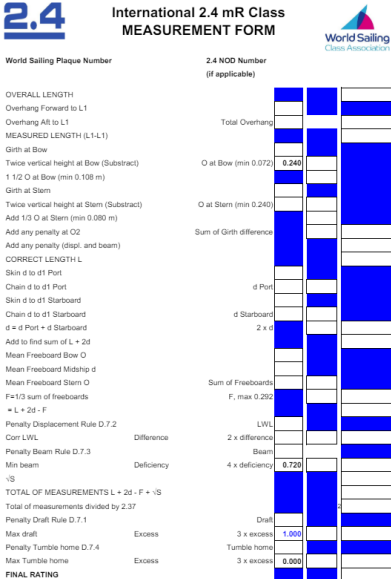
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Refer to 2.4mR Class Rule A.15

Refer to 2.4 NOD Class Rule A.18

2.4mR EVENT ENTRY

For entry to an open 2.4mR event you need the WS Plaque, current buoyancy certificate and the following measurement forms and certificate completed and signed by an official measurer.



2.4 International 2.4 mR Class MEASUREMENT FORM

World Sailing Plaque Number: _____

2.4 NOD Number (if applicable): _____

OVERALL LENGTH

Overhang Forward to L1

MEASURED LENGTH (L1-L1)

Girth at Bow

Twice vertical height at Bow (Subtract)

1/3 O at Bow (min 0.108 m)

Girth at Stem

Twice vertical height at Stem (Subtract)

Add 1/3 O at Stem (min 0.080 m)

Add any penalty at Q2

Add any penalty (displ. and beam)

CORRECT LENGTH L

Chain d to d1 Port

Chain d to d1 Starboard

Chain d to d1 Starboard

d = d Port + d Starboard

Add to find sum of L + 2d

Mean Freeboard Bow O

Mean Freeboard Midship d

Mean Freeboard Stem O

F = 1/3 sum of freeboards

= L + 2d - F

Penalty Displacement Rule D.7.2

Diff. 2 x difference

Penalty Beam Rule D.7.3

Beam 4 x deficiency

Min beam

IS

TOTAL OF MEASUREMENTS L + 2d - F + IS

Total of measurements divided by 2.37

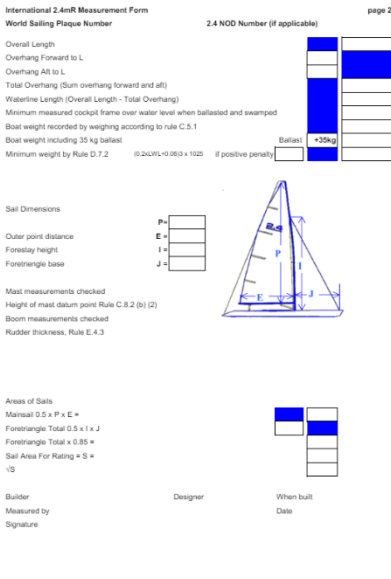
Penalty Draft Rule D.7.1

Max draft

Penalty Tumble home D.7.4

Max Tumble home

FINAL RATING



International 2.4mR Measurement Form

World Sailing Plaque Number: _____

2.4 NOD Number (if applicable): _____

Overall Length

Overhang Forward to L

Overhang Aft to L

Total Overhang (Sum overhang forward and aft)

Waterline Length (Overall Length - Total Overhang)

Minimum measured (script frame over water level when ballasted and swamped)

Boat weight recorded by weighing according to rule C.5.1

Boat weight including 35 kg ballast

Minimum weight by Rule D.7.2

Ballast

Penalty

Sail Dimensions

Outer point distance

Foremast height

Foretriangle base

Max measurements checked

Height of mast down point Rule C.8.2 (b) (2)

Bottom measurements checked

Rudder thickness, Rule E.4.3

Areas of Sails

Main sail 0.5 x P x E =

Foretriangle Total 0.5 x I x J =

Foretriangle Total x 0.85 =

Sail Area For Rating = S =

IS

Builder

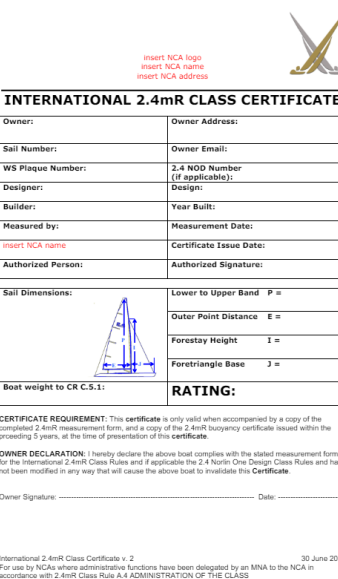
Measured by

Signature

Designer

When built

Date



International 2.4mR CLASS CERTIFICATE

Owner: _____

Owner Address: _____

Sail Number: _____

Owner Email: _____

WS Plaque Number: _____

2.4 NOD Number (if applicable): _____

Designer: _____

Builder: _____

Year Built: _____

Measured by: _____

Measurement Date: _____

Insert NCA name

Certificate Issue Date: _____

Authorized Person: _____

Authorized Signature: _____

Sail Dimensions:

Lower to Upper Band P =

Outer Point Distance E =

Foremast Height I =

Foretriangle Base J =

Boat weight to CR C.5.1:

RATING:

CERTIFICATE REQUIREMENT: This certificate is only valid when accompanied by a copy of the completed 2.4mR measurement form, and a copy of the 2.4mR buoyancy certificate issued within the preceding 5 years, at the time of presentation of this certificate.

OWNER DECLARATION: I hereby declare the above boat complies with the stated measurement form for the International 2.4mR Class Rules and if applicable the 2.4mR One Design Class Rules and has not been modified in any way that will cause the above boat to invalidate this Certificate.

Owner Signature: _____ Date: _____

International 2.4mR Class Certificate v. 2 30 June 2023

For use by NCAs where administrative functions have been delegated by an MNA to the NCA in accordance with 2.4mR Class Rule A.4 ADMINISTRATION OF THE CLASS

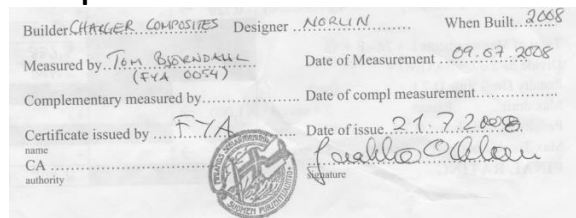
2.4mR Measurement Form page 1 2.4mR Measurement Form page 2 2.4mR Certificate

Refer to 2.4mR Class Rules

A.11, A12, A13 & A.14

The 2.4mR certificate may be issued by an MNA or NCA (standard NCA template illustrated).

Examples of certificates include the following:



Builder: CHARGER COMPOSITES Designer: NORLIN When Built: 2008

Measured by: Tom Bjorndahl (FYA 0054) Date of Measurement: 09.07.2008

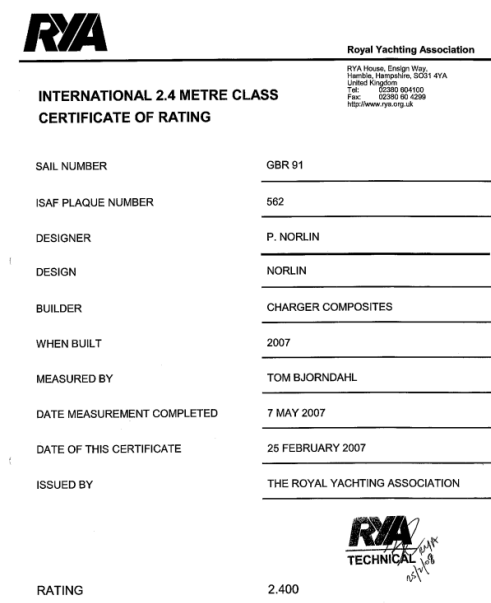
Complementary measured by: _____ Date of compl measurement: _____

Certificate issued by: FYA Date of issue: 21.7.2008

name: CA authority: _____

Signature: _____

Finland 2.4mR certificate



RYA Royal Yachting Association

RYA House, Ensign Way, Hambro, Hampshire, SO31 4YA

United Kingdom

Tel: 01253 804000

Fax: 01253 804299

http://www.rya.org.uk

INTERNATIONAL 2.4 METRE CLASS

CERTIFICATE OF RATING

SAIL NUMBER: GBR 91

ISAF PLAQUE NUMBER: 562

DESIGNER: P. NORLIN

DESIGN: NORLIN

BUILDER: CHARGER COMPOSITES

WHEN BUILT: 2007

MEASURED BY: TOM BJORNDALH

DATE MEASUREMENT COMPLETED: 7 MAY 2007

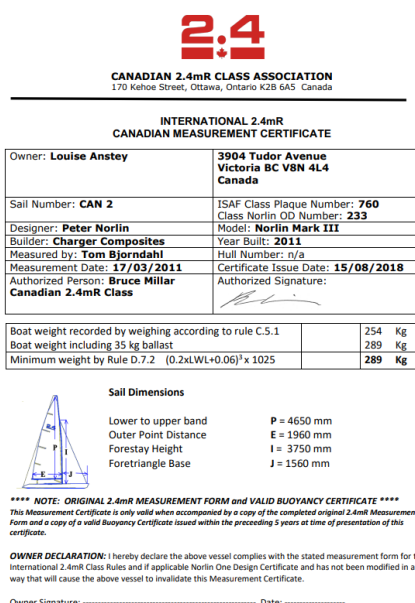
DATE OF THIS CERTIFICATE: 25 FEBRUARY 2007

ISSUED BY: THE ROYAL YACHTING ASSOCIATION

RATING: 2.400

TECHNICAL

Great Britain 2.4mR certificate



2.4 CANADIAN 2.4mR CLASS ASSOCIATION

170 Kehoe Street, Ottawa, Ontario K2B 6A5, Canada

INTERNATIONAL 2.4mR

CANADIAN MEASUREMENT CERTIFICATE

Owner: Louise Anstey 3904 Tudor Avenue

Victoria BC V8N 4L4

Canada

Sail Number: CAN 2 ISAF Class Plaque Number: 760

Class Norlin OD Number: 233

Designer: Peter Norlin Model: Norlin Mark III

Builder: Charger Composites Year Built: 2011

Measured by: Tom Bjorndahl Hull Number: n/a

Measurement Date: 17/03/2011 Certificate Issue Date: 15/08/2018

Authorized Person: Bruce Hillar Authorized Signature: _____

Canadian 2.4mR Class

Boat weight recorded by weighing according to rule C.5.1 254 Kg

Boat weight including 35 kg ballast 289 Kg

Minimum weight by Rule D.7.2 (0.2xLWL+0.06)x 1025 289 Kg

Sail Dimensions

Lower to upper band P = 4650 mm

Outer Point Distance E = 1960 mm

Foremast Height I = 3750 mm

Foretriangle Base J = 1560 mm

**** NOTE: ORIGINAL 2.4mR MEASUREMENT FORM AND VALID BUOYANCY CERTIFICATE ****

This Measurement Certificate is only valid when accompanied by a copy of the completed original 2.4mR Measurement Form and a copy of a valid Buoyancy Certificate issued within the preceding 5 years at time of presentation of this certificate.

OWNER DECLARATION: I hereby declare the above vessel complies with the stated measurement form for the International 2.4mR Class Rules and if applicable Norlin One Design Certificate and has not been modified in any way that will cause the above vessel to invalidate this Measurement Certificate.

Owner Signature: _____ Date: _____

Canada 2.4mR certificate

2.4 NOD EVENT ENTRY

For entry to a closed 2.4 NOD event in addition to the 2.4mR documents you need the 2.4 NOD sticker, current buoyancy certificate and the 2.4 NOD certificate completed and issued by the ICA.

2.4mR
Buoyancy Certificate

WS/World Sailing Plaque Number:

Date of Flotation Check:

The yacht has been checked under the following conditions:

- The boat was in racing condition and with an additional 35kg of lead ballast placed within 100mm from 0.55 x LWL from the bow station.
- The boat was filled with water and tilted over to starboard, to port, to the bow and to the stern in order to let air enclosed under deck and other parts of the hull to come out.

It was noticed that the boat floated in an approximate horizontal position.

A flotation check is valid maximum five (5) years from the date of flotation check.

This is certified by:

Name of official measurer
or individual assigned by the 2.4mR ICA Technical Committee

.....

Signature

International 2.4mR Class Association
www.inter24metre.org
Ver 3.0

2.4 NORLIN ONE DESIGN CLASS CERTIFICATE

Issued by the International 2.4mR Class Association

WS / World Sailing Plaque Number:
XXX

2.4 Norlin One Design Sticker Number:
ODXXX

Builder:
XXXXXX

Hull Number:
XXX

Building Year:
20XX

Only for boats built after 2011-04-01

Date of 2.4 Norlin One Design Measurement Form:
20XX-XX-XX

Measured by:
XXXXXXXX

Type of Rudder:
XXXX

Only for boats built before 2011-04-01

Modifications, Maintenance and Repair:

Date of Change:	Measured by:	Information about the Change

In case of re-certification date of initial certificate issue:

Date of issue: Date Issued by:

Signature
Louise Anstey
Name in block letters

International 2.4mR Class Association
www.inter24metre.org
Ver 2.0

Refer to 2.4 NOD Class Rules A.13, A.14, A.15 & A.16 & A.17

RACING RULES OF SAILING (RRS) REQUIRMENT

78 COMPLIANCE WITH CLASS RULES; CERTIFICATES

- 78.1** While a boat is *racing*, her owner and any other person in charge shall ensure that the boat is maintained to comply with her class rules and that her measurement or rating certificate, if any,

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Part 6 ENTRY AND QUALIFICATION

remains valid. In addition, the boat shall also comply at other times specified in the class rules, the notice of race or the sailing instructions.

- 78.2** When a *rule* requires a valid certificate to be produced or its existence verified before a boat *races*, and this cannot be done, the boat may *race* provided that the race committee receives a statement signed by the person in charge that a valid certificate exists. The boat shall produce the certificate or arrange for its existence to be verified by the race committee before the start of the last day of the event, or of the first series, whichever is earlier. The penalty for breaking this rule is disqualification without a hearing from all races of the event.

OTHER EVENT DOCUMENTATION

In addition to boat documents event Organizing Authorities may require the following documentation:

- ❖ Competitor details
- ❖ Competitor classification
- ❖ Entry Fee
- ❖ Proof of ICA membership
- ❖ Proof of boat insurance

2.4mR BUILDER'S DECLARATION

2.4mR boats require a builder's hull declaration completed and signed by the builder.



The form is titled "2.4mR Builder Declaration Form" and features a large, stylized "X" graphic in the background. The text on the form includes:

I hereby certify that 2.4mR Yacht

WS/World Sailing Plaque Number: _____

Builder Identification: _____

Is built in accordance with the 2.4mR Class Rules in force, particularly rules: D.3.1 (a), D.3.2 (a) and (b), D.4.1 (a) and D.4.2 (a) and (b)

This is certified by: _____

Builder _____

Signature _____

Date _____

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Ver 2.0

D.3 HULL

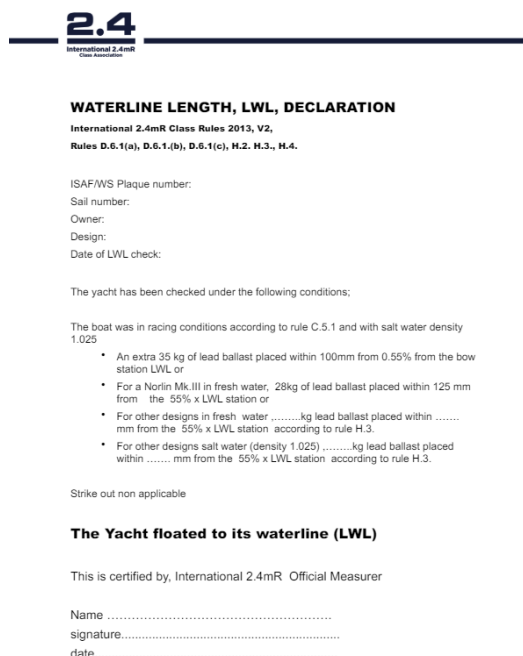
D.3.2 CONSTRUCTION (c)

For boats initially certified after the 3 June 2013, the builder shall issue a manufacturer's declaration certifying the compliance with rules D.3.1 (a) and D.3.2 (a) and (b), using the ICA Builders Declaration Form.

Refer to 2.4mR Class Rule D.3.2 (C) CONSTRUCTION

2.4mR WATERLINE LENGTH DECLARATION

2.4mR boats require waterline certification completed and signed by an official measurer.



The form is titled "2.4mR WATERLINE LENGTH, LWL, DECLARATION" and features the "2.4" logo at the top. The text on the form includes:

WATERLINE LENGTH, LWL, DECLARATION

International 2.4mR Class Rules 2013, V2.

Rules D.6.1(a), D.6.1(b), D.6.1(c), H.2, H.3., H.4.

ISAF/WS Plaque number: _____

Sail number: _____

Owner: _____

Design: _____

Date of LWL check: _____

The yacht has been checked under the following conditions:

The boat was in racing conditions according to rule C.5.1 and with salt water density 1.025

- An extra 35 kg of lead ballast placed within 100mm from 0.55% from the bow station LWL or
- For a Norlin Mk.III in fresh water, 28kg of lead ballast placed within 125 mm from the 55% x LWL station or
- For other designs in fresh waterkg lead ballast placed within mm from the 55% x LWL station according to rule H.3.
- For other designs salt water (density 1.025)kg lead ballast placed within mm from the 55% x LWL station according to rule H.3.

Strike out non applicable

The Yacht floated to its waterline (LWL)

This is certified by, International 2.4mR Official Measurer

Name
signature.....
date.....

D.6 DIMENSIONS FOR CALCULATING THE RATING

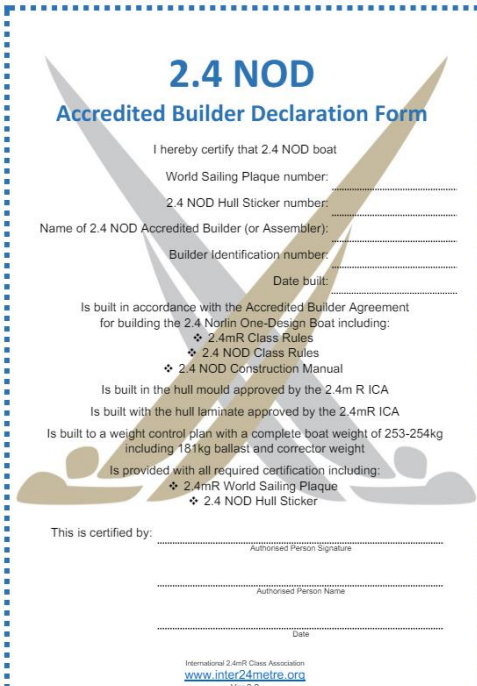
D.6.1 GENERAL (c)

The waterline shall be controlled by placing the boat in a water tank and loading it according to H.2. The official measurer shall issue a declaration or state on the measurement form that the correct procedure was followed.

Refer to 2.4mR Class Rule D.6.1 DIMENSIONS FOR CALCULATING THE RATING

2.4 NOD BUILDER'S DECLARATION

2.4 NOD boats require a builder's hull declaration completed and signed by the builder.



The form is titled "2.4 NOD Accredited Builder Declaration Form". It contains several sections for certification. The first section is a declaration: "I hereby certify that 2.4 NOD boat". This is followed by fields for "World Sailing Plaque number:", "2.4 NOD Hull Sticker number:", "Name of 2.4 NOD Accredited Builder (or Assembler):", "Builder Identification number:", and "Date built:". The next section states: "Is built in accordance with the Accredited Builder Agreement for building the 2.4 Norlin One-Design Boat including:" followed by a list of items: "❖ 2.4mR Class Rules", "❖ 2.4 NOD Class Rules", and "❖ 2.4 NOD Construction Manual". This is followed by two more statements: "Is built in the hull mould approved by the 2.4m R ICA" and "Is built with the hull laminate approved by the 2.4mR ICA". The next section states: "Is built to a weight control plan with a complete boat weight of 253-254kg including 181kg ballast and corrector weight". This is followed by a statement: "Is provided with all required certification including:" followed by a list of items: "❖ 2.4mR World Sailing Plaque" and "❖ 2.4 NOD Hull Sticker". The final section is "This is certified by:" followed by fields for "Authorised Person Signature", "Authorised Person Name", and "Date". At the bottom, it says "International 2.4mR Class Association" and "www.inter24metre.org Ver 3.0".

A.14 INITIAL HULL CERTIFICATION

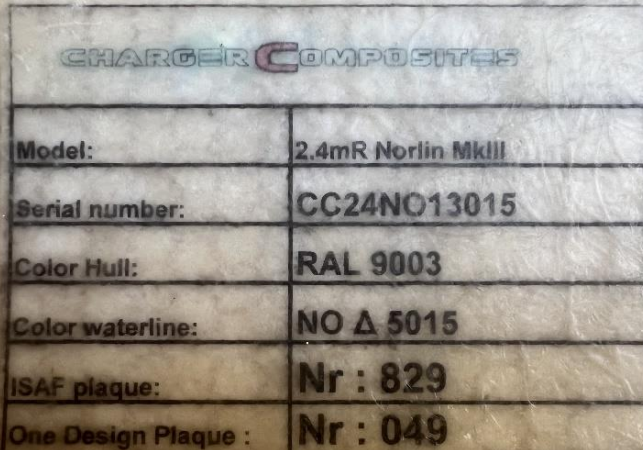
A.14.1 (a)

The ICA certification report form shall be used for the 2.4 NOD certificate, and the 2.4mR measurement report form for the 2.4mR hull certificate.

Refer to 2.4 NOD Class Rule A.14 INITIAL HULL CERTIFICATION

2.4 NOD BUILDER INFORMATION

2.4 NOD boats built after 01/03/2011 require builder information fixed to the hull shell.



The plaque is titled "CHARGER COMPOSITES". It contains a table with the following information:

Model:	2.4mR Norlin MkIII
Serial number:	CC24NO13015
Color Hull:	RAL 9003
Color waterline:	NO Δ 5015
ISAF plaque:	Nr : 829
One Design Plaque :	Nr : 049

Refer to 2.4 NOD Class Rule D.2.6 IDENTIFICATION

D.2 GENERAL

D.2.6 IDENTIFICATION (c)

The hull shall carry the following information: builder, date built and the boat's sequential identification number permanently embossed or debossed into the hull shell.

2.4 NOD MEASUREMENT REPORT

2.4 NOD boats require a 2.4 NOD Measurement Report completed and signed by an official measurer.

Builder:		Build date:		Hull Number:	
ISAF Plaque Number:		Norlin OD Number:			
Please, observe that it is necessary to present a valid 2.4mR Certificate in order to get a 2.4 Norlin One Design certificate.					
Item #	Rule	Item to be checked	Requirements	Measurement result	Comments
1	N/A	Hull			
2	N/A				
3	N/A				
4	D.2.4(c)	Holes in hull and deck	According to rule	(Yes/No)	
5	N/A				
6	D.2.5(b)	Hull datum section	Marked on deck and sheer line	(Yes/No)	
7	D.2.6(a)	W/S Plaque	Placed in the cockpit	(Yes/No)	
8	D.2.6(b)	2.4 NOD Class sticker	Placed in the cockpit	(Yes/No)	
9	D.2.6(c)	Builders information	Placed in the cockpit	(Yes/No)	
10	D.3.1(a)	IC-A Builder Declaration	To Construction Manual	(Yes/No)	
11	C.6.1(a)	Boat weight (incl. sails)	Weight 233 - 254kg	kg	
12	C.6.1(e)	Balance point (C of G)	Distance from section 0, 1343-1371mm	mm	
13	D.5.1(a)	Buoyancy	Air cell foam plastic	(Yes/No)	
14	D.5.1(b)	Watertight compartments	Shall be inspectable	(Yes/No)	
15	D.7.1(a)	Fittings	Mandatory fittings installed	(Yes/No)	
16	D.7.1(a)(3)	Foretriangle base	Pitting or device installed, ≤1560mm	mm	
17	D.7.1(c)(1)	Fittings Construction	No fittings permitted outside hull	(Yes/No)	
18	N/A				
19	C.9.8(b)(1)	Adjustable shrouds	According to rule	(Yes/No)	
Ballast					
30	C.7.3(b)	Ballast	Weight ≤ 181kg incl battery	kg	
31	C.7.3(b)	Ballast	Is battery included in ballast?	(Yes/No)	
32	D.8.3	Ballast	According to rules D.8.3.1(a)(b)(c)	(Yes/No)	
33	C.8.2	Corrector weights	According to rule	(Yes/No)	

Date and place of measurement:

www.inter24metre.org

Signature of measurer:

Name of measurer:

Measurement Form New Boats V5 2022-09-05

Builder:		Build date:		Hull Number:	
ISAF Plaque Number:		Norlin OD Number:			
Please, observe that it is necessary to present a valid 2.4mR Certificate in order to get a 2.4 Norlin One Design certificate.					
Item #	Rule	Item to be checked	Requirements	Measurement result	Comments
Checking against templates					
40	Hull	Vertical section 0	clearance 1-4mm	(Yes/No)	
41	Hull	Vertical section 2	clearance 1-4mm	(Yes/No)	
42	Hull	Vertical section 4	clearance 1-4mm	(Yes/No)	
43	Stem	100mm centre part stem	clearance 0-2mm	(Yes/No)	
44	Keel	Vertical section 2	clearance 1-4mm	(Yes/No)	
45	Keel	Horiz sect 75mm below BL	clearance 1-5mm	(Yes/No)	
46	Keel	Horiz sect 400mm below BL	clearance 1-5mm	(Yes/No)	
47	Keel	Trailing edge	clearance 0-1mm	(Yes/No)	
48	Rudder	Standard, profile	clearance 1-5mm	(Yes/No)	
49	Rudder	Standard, section 200	clearance 1-5mm	(Yes/No)	
50	Rudder	Standard, section 400	clearance 1-5mm	(Yes/No)	
51	Rudder	Standard, section 600	clearance 1-5mm	(Yes/No)	
52	N/A				
53	N/A				
54	N/A				
55	Rudder	Trailing edge	clearance 0-1mm	(Yes/No)	
Additional checks of dimensions to Construction Manual					
60	Hull	Overall length	4175 ± 7 ≤ 4183mm	mm	
61	Hull	Beam section 0	236 ± 7 ≤ 242mm	mm	
62	Hull	Beam section 2	800 ± 7 ≤ 808mm	mm	
63	Hull	Beam section 4	302 ± 7 ≤ 309mm	mm	
64	Hull	All end to section 0	949 ± 7 ≤ 955mm	mm	
65	Deck	Mast hole to section 0	7 ± 2090mm	mm	
66	Deck	Shroud hole to section 0	11902 ± 7 ≤ 11922mm	mm	
67	Deck	Shroud hole to Centre L	240 ± 7 ≤ 268mm	mm	
68	Deck	Stem to forestay extension	interference with deck 8 ± 7 ≤ 85mm	mm	
69	Keel	Girth around keel	≤ 2752mm	mm	

Date and place of measurement:

www.inter24metre.org

Signature of measurer:

Name of measurer:

Measurement Form New Boats V5 2022-09-05

2.4 NOD Measurement Report NEW BOATS

Mast Builder:		Build date:			
ISAF Plaque Boat Number:		Norlin OD Boat Number:			
Item #	Rule	Item to be checked	Requirements	Measurement result	Comments
Mast					
100	F.3.1	Mast material	Aluminium	(Yes/No)	
101	F.3.2(a)	Mast construction	Fixed sail groove or track	(Yes/No)	
102	F.3.3(a)	Fittings	Mandatory fittings installed	(Yes/No)	
103	F.2.4(a)	Mast datum point	Clearly marked by a punch	(Yes/No)	
104	F.3.4	Forestay height	7120mm ≤ h ≤ 31950mm	(Yes/No)	
105	C.9.5(a)	Mast curvature	≤ 30mm	mm	
106	F.3.4	Mast cross section top	Foreaft 28mm ≤ d ≤ 66mm	mm	
107	F.3.4	Mast cross section top	Transverse ≥ 24mm	mm	
108	F.3.4	Mast cross section 350mm	Foreaft 56mm ≤ d ≤ 66mm	mm	
109	F.3.4	Mast cross section 350mm	Transverse ≥ 38mm	mm	
110	F.3.4	Lower point height	140mm ≤ h ≤ 350mm	mm	
111	F.3.4	Upper point height	4960mm ≤ h ≤ 5600mm	mm	
112	F.3.4	Lower to upper point	4630mm ≤ h ≤ 4650mm	mm	
113	F.3.4	Shroud height	3770mm ≤ h ≤ 4000mm	mm	
114	F.3.4	Spradder length	200mm ≤ l ≤ 350mm	mm	
115	F.3.4	Spradder height	1950mm ≤ h ≤ 2050mm	mm	
116	F.3.5	Mast weight (incl. rigging)	≥ 6.5kg	kg	
117	F.3.5	Mast tip weight	≥ 2.0kg	kg	
118	F.7.1	Shrouds material	Stainless steel	(Yes/No)	
119	F.8.2(a)	Running rigging	Mandatory to C.9.10(c) (1)	(Yes/No)	
Boom					
130	F.4.1	Boom material	Aluminium	(Yes/No)	
131	F.4.2	Boom construction	Sail groove or no sail groove	(Yes/No)	
132	C.9.8(a)	Outer point distance	≤ 1960mm	mm	
133	F.4.4	Boom cross section	Vertical ≤ 75mm	mm	
134	F.4.4	Boom cross section	Transverse 27mm ≤ d ≤ 55mm	mm	
135	C.9.6(b)(1)	Boom position on mast	Boom not below mast lower limit	(Yes/No)	
Whisker Pole					
140	F.5.2	Whisker pole material	Aluminium	(Yes/No)	
141	F.5.5	Whisker pole length	≤ 2106mm	mm	
142	F.5.5	Whisker pole diameter	≤ 22mm	mm	

Date and place of measurement:

www.inter24metre.org

Signature of measurer:

Name of measurer:

Measurement Form Mast Boom V5 2022-09-05

The Mast & Boom Measurement Report is optional and is not required for certification.

2.4 NOD Optional Measurement Report MAST & BOOM

OBTAINING A CERTIFICATE

The 2.4mR Class is a development class granted international status in 1993. The 2.4mR Class is administered by **Member National Authorities (MNAs)** under delegation by **World Sailing (WS)**. Where there is no **MNA** the **International Class Association (ICA)** may carry out administrative functions. The **Certification Authority (CA)** is either the **MNA**, the **NCA** or the **ICA**.

INTERNATIONAL 2.4mR CLASS: All 2.4mR boats are required to have a valid Certificate to be eligible for racing, refer 2.4mR Class Rules B.1.1 Certificate.

- 1 - Builder to obtain **WS** plaque.
- 2 - **Official Measurer** to measure boat and sign declaration on **2.4mR Measurement Form**.
- 3 - **Official Measurer** to issue **2.4mR Measurement Form** to **Certification Authority**.
- 4 - **Certification Authority** issues **2.4mR Certificate**.

2.4 NORLIN ONE DESIGN CLASS (NOD): The **NOD** Class is a restricted class based on the Norlin Mark III introduced in 2011. The **NOD** Class hulls and rudders are manufacturer controlled with rigs measurement controlled. The **NOD** Class is administered by the **ICA**.

- 1 - **Owner** to obtain 2.4mR certificate (refer above).
- 2 - **Accredited Builder** to obtain 2.4 NOD Class sticker.
- 3 - **Official Measurer** to measure boat and sign declaration on **2.4 NOD Measurement Report**.
- 4 - **Official Measurer** to issue **2.4 NOD Measurement Report** to **ICA 2.4 NOD Certification Administrator**.
- 5 - **ICA 2.4 NOD Certification Administrator** issues **2.4 NOD Certificate**.

BUOYANCY: All 2.4mR boats are required to have a valid buoyancy certificate, refer to 2.4mR Class Rule A.15 BUOYANCY CERTIFICATE . Please note that this is a fundamental safety requirement and that it expires after 5 years.

- 1 - **Official Measurer** or ICA assigned Buoyancy Certifier to check buoyancy and sign declaration on **Buoyancy Certificate**.
- 2 - **Official Measurer** or ICA assigned Buoyancy Certifier to issue **Buoyancy Certificate** to **Certification Authority**.
- 3 - **Certification Authority** issues **Buoyancy Certificate**.

***NOTE:** A certificate becomes invalid upon a change of ownership or a boat ceasing to comply with its certificate.

CERTIFICATE COPY

- 1 - If you need a copy of a boat **2.4mR Class Certificate** or **Buoyancy Certificate** please contact your country MNA or NCA.
- 2 - If you need a copy of a boat **2.4 NOD Class Certificate** please refer to the ICA website 2.4 NOD Certificate registry.

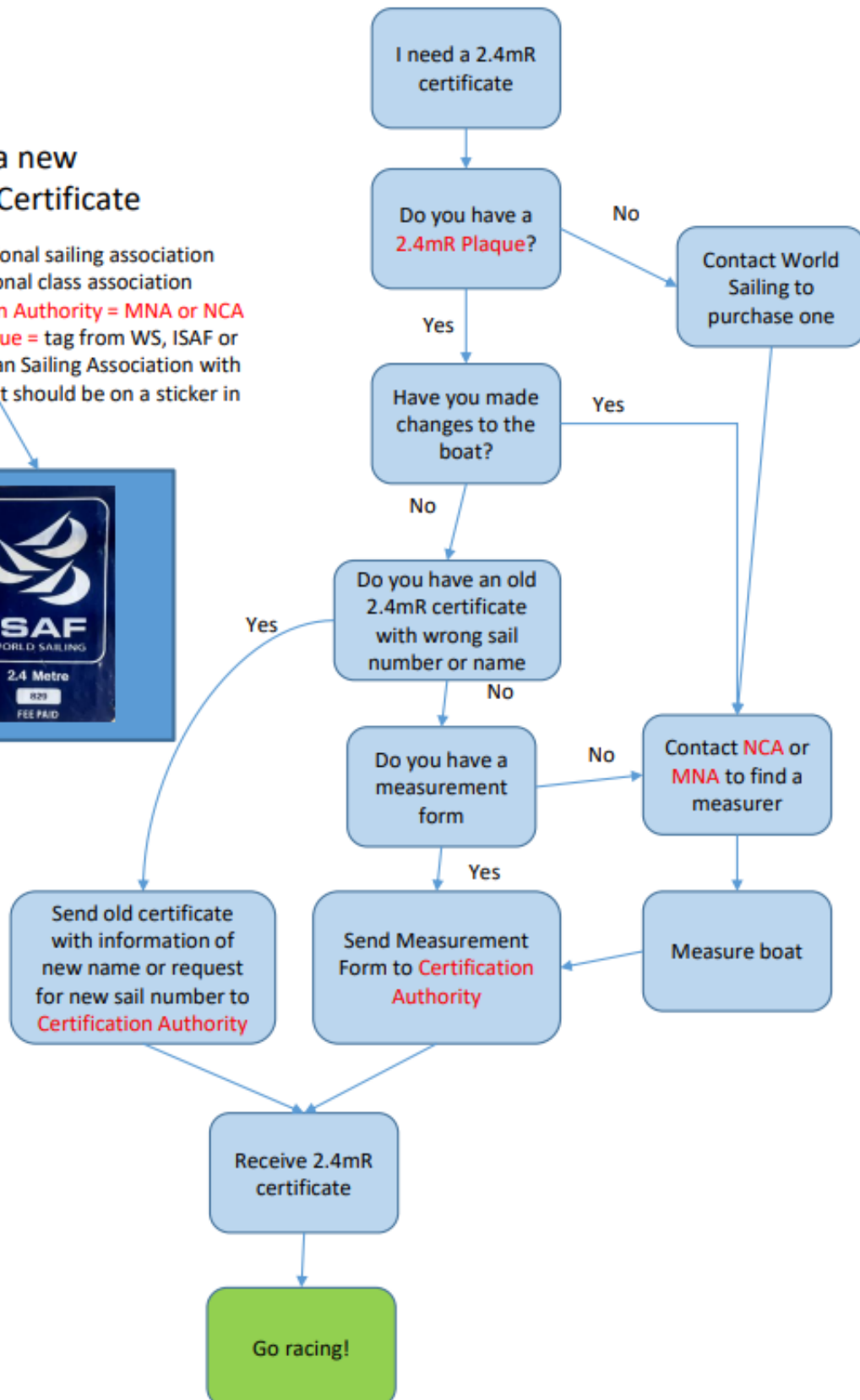
I need a new 2.4mR Certificate

MNA = national sailing association

NCA = national class association

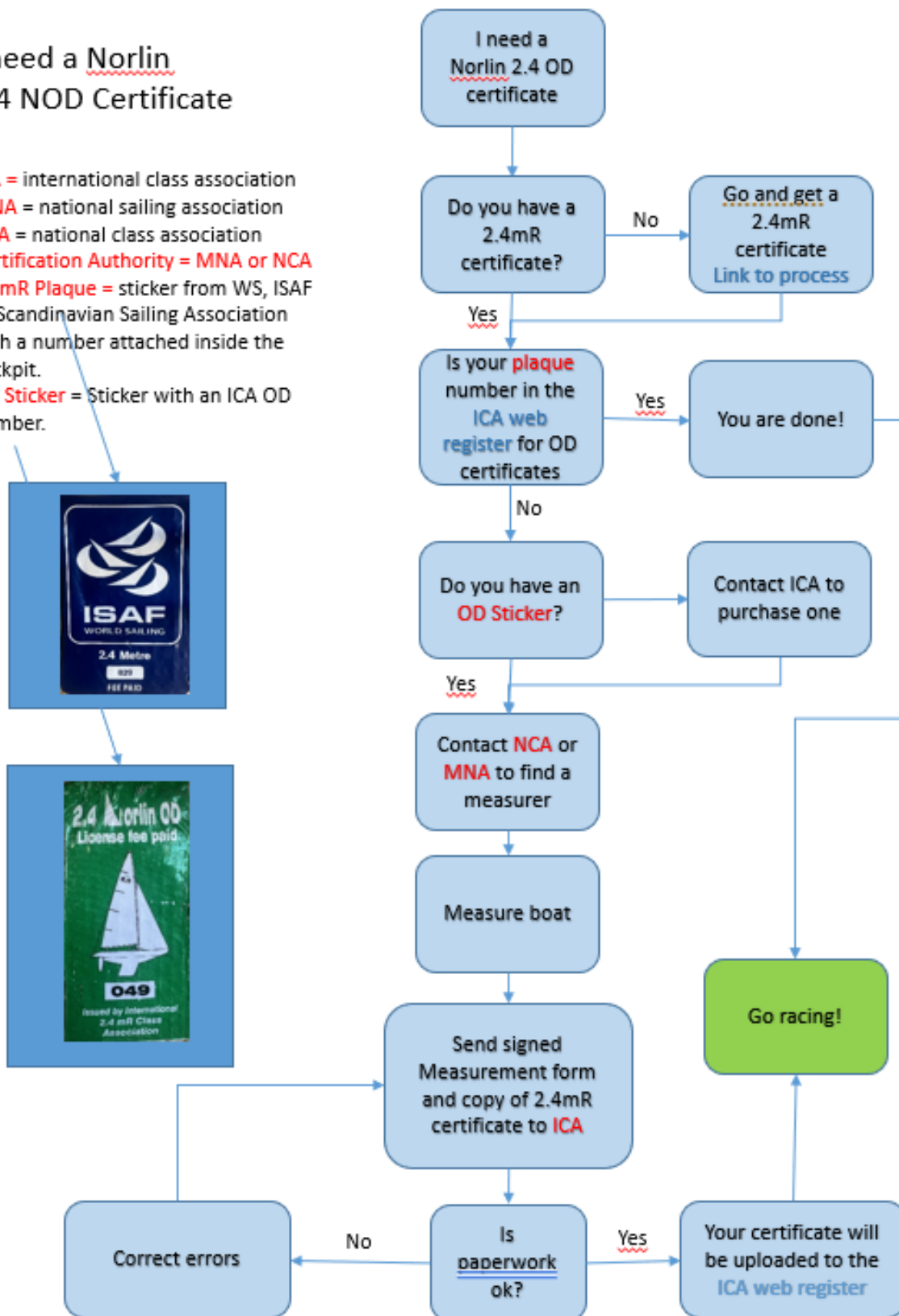
Certification Authority = MNA or NCA

2.4mR Plaque = tag from WS, ISAF or Scandinavian Sailing Association with a number. It should be on a sticker in your boat.



I need a Norlin 2.4 NOD Certificate

ICA = international class association
MNA = national sailing association
NCA = national class association
Certification Authority = MNA or NCA
2.4mR Plaque = sticker from WS, ISAF or Scandinavian Sailing Association with a number attached inside the cockpit.
OD Sticker = Sticker with an ICA OD number.



Peter Russell
Chairman of the 2.4mR ICA Technical Committee.