

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved



Amendment One

HOUSEKEEPING CHANGES

Amend to read as in the marked-up copy of the following complete text of the Class Rule

The housekeeping changes comprise the following:

- replace instances of 'boat' with 'yacht'
- use of the abbreviation ISMA (defined at the start) wherever the text refers to the class association
- standardisation of the formatting of dates
- removal of archaic phraseology
- correction of phrase used in **Rule 1 Rule and Duration** to reflect more accurately the way the class association votes on rule changes
- use of standardised phrasing where the rule refers to percentages
- Introduction of a note defining what is meant by the phrase '3/4 LWL' in Rule 26.

Note that the use of 'track changes' can present a distorted view of the final layout, so that we have also presented a 'clean copy' with all the changes accepted.

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved



Amendment Two

Old:

26.7 MATERIALS

The materials permitted for the construction of hulls are as follows:

Amend to Read:

26.7 MATERIALS

The materials permitted for the construction of hull parts as in rule 26.5 are as follows:

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved



Amendment Three

Old:

6. DRAUGHT

The maximum draught permitted shall be 16 per cent of the L.W.L. plus 500mm. If the draught exceeds that permitted, three times the excess will be added to the rating.

Underwater Appendages

- a. No more than two movable appendages are permitted. No movable appendage, or part thereof, shall be affixed forward of little 'd' (the 55% girth station).
- b. Centreboards and similar contrivances are banned.
- c. The beam of the yacht measured at any point more than 750mm below the L.W.L. shall not exceed 1,830mm.
- d. Winglets shall be fixed and incapable of being adjusted in trim or being retracted while sailing.

Amend to Read:

6. DRAUGHT

The maximum draught permitted shall be sixteen per cent (16%) of the LWL. plus 500mm. If the draught exceeds that permitted, three times the excess will be added to the rating.

Underwater Appendages

- (a) No more than two movable appendages are permitted. For the purpose of this rule, winglets permanently and rigidly fixed to a moveable appendage shall be considered to be one moveable appendage. No movable appendage, or part thereof, shall be affixed forward of little 'd' (the 55% girth station). The movement of any appendage shall be limited to rotation about a single axis oriented in a vertical fore and aft plane.
- (b) Centreboards and similar contrivances are banned.
- (c) The beam of the yacht measured at any point more than 750mm below the LWL shall not exceed 1,830mm.
- (d) Winglets wherever they are attached, shall be fixed and incapable of being adjusted in trim or being retracted.

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved



Amendment Four

STORED ENERGY

Amend to Add:

38 STORED ENERGY

Standing rigging, running rigging, spars and movable hull appendages shall be adjusted and operated only by the power provided by the crew. The use of any form of stored energy for these purposes is not allowed.

Stored energy includes, but is not limited to, electric battery power, hydraulic accumulators and compressed air reservoirs, and elastic devices such as springs and shock cord.

Elastic devices used for housekeeping functions including the control of unloaded rigging, such as shock cord and backstay 'flickers', and compressed air to reposition unloaded hydraulic cylinders are permitted.

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved



Amendment Five

Old:

Section A - FINDING OF RATING

M28. RATING FORMULA

$$\frac{L + 2d - F + \sqrt{S}}{2.37}$$

2.37

The measurer having taken, or been supplied with, all the measurements enumerated in these instructions, and being satisfied they are correct, shall record each measurement taken in a measurement book in the form shown in Measurement Instruction 29.

To find the rating of the yacht he shall add correct length L, 2d and the square root of sail area, S, set forth in the third column, then subtract freeboard, F, and divide by 2.37. The result shall be the rating.

*

World Sailing is not a National Authority (NA)

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved



Section B - M29.COPY OF MEASUREMENT BOOK, OR CERTIFICATE OF RATING

Overall Length			
Add (Overhang Forward to L ₁)			
Add (Overhang Aft to L ₁)			
Subtract Total Overhang			
Measured Length			
Subtract (Girth at Bow)			
Subtract (Twice Vertical Height at Bow)			
0 at Bow			
Add 1 at Bow			
Subtract (Girth at Stern)			
Subtract (Twice Vertical Height at Stern)			
0 at Stern			
Add 1/3 0 at Stern			
Add any penalty at 0 ₂			
CORRECT LENGTH, L			
Subtract (Skin d to d ₁ Port)			
Subtract (Chain d ₁ to d ₁ Port)			
d Port			
Subtract (Skin d to d ₁ Starboard)			
Subtract (Chain d ₁ to d ₁ Starboard)			
d Starboard			
Add d			
2d			
Add to find sum of measurements			
Add (Mean Freeboard Bow 0)			
Add (Mean Freeboard Midship D)			
Add (Mean Freeboard Stern 0 and 0 ₂)			
Sum of Freeboards			
Subtract (1/3 sum) FREEBOARD, F			
√S			
Total of Measurements			
Divide by 2.37 = RATING =			

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved



Section C - M30.OTHER MEASUREMENTS TO BE RECORDED BY MEASURER

Overall Length

Add (Overhang
Forward to L
(Overhang Aft to L

Subtract Total

Overhang Water Line

Length

Beam

treme

Ex

Tumble

Home

Approximate weight of, and
fore and aft position of
ballast inside

Weight by weighing in my

presence Minimum weight

required by Rule

Areas of Sails

Mainsail =

Foretriangle Total =

Foretriangle Total x 0.85 =

Sail Area for Rating = S =

$\sqrt{S}$

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved



Section D - M31.COMPLETION OF MEASUREMENT

When all measurements are complete the official measurer shall forward a copy of the same, and sailmaker's diagram, to the National Authority, which shall issue the certificate of rating.

Delete Existing M28 to M31 inclusive and Amend to Read:

Section E - FINDING THE RATING

M28. RATING FORMULA

$$\frac{L + 2d - F + \sqrt{S}}{2.37}$$

2.37

The measurer having taken, or been supplied with, all the measurements enumerated in these instructions, and being satisfied they are correct, shall record each measurement taken in the format shown in Measurement Instruction 30.

To find the rating of the yacht he shall add correct length L, 2d and the square root of sail area, S, then subtract freeboard, F, and divide by 2.37. The result shall be the rating, which shall not be more than 6.000 for a valid measurement rating.

Section F - M29. COMPLETION OF MEASUREMENT

When all the measurements are complete the measurer shall forward a copy of all the data, and any sailmaker's diagram, to the Member National Authority (MNA) and/or to ISMA, who shall issue the certificate of rating on the ISMA measurement form and rating certificate (see Measurement Instruction M30 for a copy of this form).

Section G - M30. COPY OF THE ISMA MEASUREMENT FORM AND RATING CERTIFICATE

The following four pages are an illustration of the layout of the Measurement Form and Rating Certificate. The form is based on an Excel spreadsheet which has been constructed so that the necessary calculations are completed as the required measurement data and other information is added to the form. A copy of the form in Excel format, with the calculation figures in locked cells, is available in the 'Rules and Technical' page of the International Six Metre Association website at: <https://6metre.com/rules-technical/>. In the illustration, a specimen set of input data is added in blue font, with the locked calculation cells and the derived values in black.

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved



6



INTERNATIONAL SIX METRE CLASS

Yacht's Name	<i>Dolphin</i>		
National Letters & Sail Number	<i>IRL 333</i>	Fleet	<i>OPEN or CLASSIC</i>
Designer	<i>Keith Wood</i>	Design Year	<i>1987</i>
Builder	<i>Henry B.Nevins, NYC</i>	Build Year	<i>1987</i>
Owner	<i>Brian O'Driscoll</i>	World Sailing Building Plaque no. (If built after 1 Jan 1991)	<i>xxxx (or n/a)</i>

RATING CERTIFICATION

This yacht has been measured by the measurer(s) noted below, who is(are) approved by the yacht's Member National Authority (MNA) or by ISMA, to certify that it has been found to rate not more than 6.000:

Dated (certification start date)	<i>01/01/2025</i>
Measured by	<i>Paul O'Connell</i>
On behalf of MNA	<i>Irish Sailing</i>
Valid until	<i>31/12/2028</i>
Supersedes	<i>01/01/2020</i>
Place of measurements & flotation	<i>Kinsale</i>
Conditions at location of flotation	<i>2 knots light wind with flat water at 15°C</i> (Include details of wind & water conditions, air temperature & the time of day)
SG (specific gravity) of water at flotation	<i>1.025</i>
Any correction applied to flotation/freeboards due to conditions (mm)	<i>0</i> (Surface Seawater Density 1025 kg/m ³ & Immersion in salt/fresh water = 0.012m)
Loadcell details/calibration	<i>Spinlock (model LWS/10), last calibration 30/11/2022</i>

Stamp of MNA (or ISMA):

MNA (or ISMA) Print Name:

Signature:

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved

6mR Dolphin IRL 333 01/01/2025 Page 2

RATING CALCULATION

OVERALL LENGTH

Overhang Forward to L1	1.172	9.988	9.988
Overhang Aft to L1	1.021		
Total Overhang (Subtract)	2.193		

MEASURED LENGTH (L1 to L1)

Girth at Bow	0.735	7.795	
Twice vertical Height at Bow (Subtract)	0.600		
O at Bow (min 0.180 m)	0.135		
Add 1 1/2 O at Bow (min 0.270 m)		0.270	
Girth at Stern	1.961		
Twice vertical Height at Stern (Subtract)	1.190		
O at Stern	0.771		
Add 1/3 O at Stern (min 0.200 m)		0.257	
Add any penalty at O2 (see Rule 3. Length - only for boats after 1 Nov 1970)		0.000	
Add any Beam and/or Displacement penalty		0.000	

CORRECT LENGTH L (Sum of L1 Length and O Bow/Stern Girth Corrections)

Skin d to d1 Port	1.054		
Chain d to d1 Port	1.054		
d Port	0.000	0.000	
Skin d to d1 Starboard	1.064		
Chain d to d1 Starboard	1.064		
d Starboard	0.000	0.000	
Add d		0.000	

GIRTH MIDSHIP DIFFERENCES (2d)

		0.000	
--	--	-------	--

RATED LENGTH (Sum of Correct Length and Midship Girth Differences 2d)

(Calc. only nec. for boats after 1 Nov 1970)	Actual	Calc.	
Mean Freeboard Bow O	0.814	0.814	
Mean Freeboard Midship d	0.703	0.703	
Mean Freeboard Stern O	0.685	0.685	
Sum of Freeboards		2.202	

Classic Immersion Marks d Freeboard (only for Classic Appendix A boats) x.xxx or n/a

Subtract F, 1/3 FREEBOARD (max 0.730 = 0.08 x Rating + 0.25m) 0.734 0.730 7.592

Add Square root of TOTAL RATED SAIL AREA 6.630

TOTAL OF MEASUREMENTS (max 14.222) 14.222

RATING Calculation (Total of Measurements/2.37) 6.000

Tumblehome and/or Draught Penalty (to be added to the Rating) 0.000

FINAL RATING (not more than 6.000) 6.000

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved

6mR Dolphin IRL 333 01/01/2025 Page 3

PENALTIES

Overhang Forward to L (LWL)	1.505		
Overhang Aft to L (LWL)	1.486		
Subtract from Overall Length		2.991	9.988
Add any increase to L due to Projections, Notches or Hollows (Aft R5 & Fwd M18)		0.000	
(see Rule 5 Hollows, Measurement Instructions M18 & M20, also include rudder flaps extending aft further than CL of rudder stock axis @ LWL)			

WATERLINE LENGTH (LWL)

Minimum Displacement for Zero Penalty [m^3] ($0.2 \cdot LWL + 0.15$) ³	3.716		6.997
Minimum Weight for Zero Penalty [metric tons] (density of surface seawater 1.025 t/m ³)	3.808		

DISPLACEMENT

WEIGHT [metric tons] (actual including added ballast)

Equivalent LWL for Zero Penalty ($(\text{weight}/1.025)^{\frac{1}{3}} - 0.15$)/0.2)	6.990		
Difference	0.000		

DISPLACEMENT PENALTY (add 2x to L)

0.000

BEAM (minimum beam at 1/3 of midship freeboard above LWL)

Actual beam at 1/3 of midship freeboard	1.830		
Difference (if less than minimum allowed)	1.830		
	0.000		

BEAM PENALTY (add 4x to L, only for yachts laid down after Sept 1937)

0.000

TUMBLEHOME (max 2x 2% of Extreme Beam)

Extreme Beam	0.074		
Beam at deck	1.887		
Difference (if greater than maximum allowed)	1.835		
	0.000		

TUMBLEHOME PENALTY (add 3x excess to Rating)

0.000

DRAUGHT (actual at deepest point) keel, rudder or wing tips (span not to exceed 1830mm)

Maximum Draught for Zero Penalty ($0.16 \cdot LWL + 0.5$)	1.602		
Difference (if greater than maximum allowed)	1.619		
	0.000		

DRAUGHT PENALTY (add 3x excess to Rating)

0.000

SAIL PLAN

(max 13.000m)

(max 9.750m)

Height of Sail Plan (max 13.000m above datum)	13.000	J	3.470	I	9.750
Boom Height (min 0.400 to max 1.100m above datum)	0.500	A	12.500	B	4.734
Foretriangle area (max (J or spin boom)xI /2)	16.916	Rated Mainsail Area (AxB /2)		29.587	
Rated Foretriangle Area (85% of measured area)	14.378	Total Rated Sail Area (S)		43.965	
Spinnaker boom (length in extension to outer end from fwd face of the mast)			3.468	VS	6.630

Sail Limits

Mainsail	Max girth at 1/2 height (MHW 67%)	3.171	Max girth at 3/4 height (MTW 39%)	1.846
Genoa	Max foot length (HFL J + 3.000m)	6.470		
Spinnaker	Max luff SLU/leech SLE length (80% of $\sqrt{J+V}$ + 2.500m)	10.779	Max foot breadth (SFL 250% J)	8.675

SPARS MEASUREMENTS

MAST CG from datum point (90mm above sheer) (CG position min 4.940m above datum)	5.050	Mast Weight (min 63.51kg)	65.1	Material	Aluminium
	Deck (min 132.7cm ²)	1/4 height (min 142.7cm ²)	Forestay (min 95cm ²)	Head (min 37.4cm ²)	
MAST dimensions [mm]	125x162	125x162	125x162	075x101	
MAST sectional area [cm ²]	167	167	167	62	Builder & Yr
MAST section ratio [max 1.35]	1.296	1.296	1.296	1.347	Allspars 2023

DECK MEASUREMENTS

Cockpit dimensions:	fwd (or single) cockpit	1.685	Aft width	0.810	Fwd width	0.725	Area m ²	1.293	Distance to sheer	200mm
(max 2.700m ² & fwd keyhole		1.050		0.770		0.750		0.798	Total Area m ²	
sheer distance min 200mm) aft keyhole		0.510		1.090		0.000		0.277	2.368	
Hatch dimensions (max 0.400m ² & sheer min 300mm)		0.500		0.500		0.500		0.250	Distance to sheer	300mm

Class Rule Changes

International Six Metre Association

Effective date: 2026-05-26

Status: Approved



6mR

Dolphin

IRL 333

01/01/2025

Page 4

NOTES & COMMENTS:

(PLEASE include as many details as possible & all comments on measurements and/or conditions)

Eg.

Ballast position fore & aft (%) and weight (kg) inside the boat

Location & weight of anchor (min. 10kg) with line (min. 30m of min. 10mm diameter) & battery(s)

Subject to any additional flotation check before xyz date/event

Changes in trim, freeboards or weight