Equipment Rules of Sailing Changes

Effective date: 2025-01-01

Amendment One

INTRODUCTION

Old:

> **Applicability**
> The ERS are rules only if they are invoked by:
> (a) **Class Rules**.
> (b) Adoption in the notice of race and sailing instructions.
> (c) Prescriptions of an MNA for races under its jurisdiction.
> (d) World Sailing Regulations, or
> (e) Other documents that govern an event.

Amend to read:

> **Applicability**
> The ERS are ~~rules only if they are~~ invoked by:
> (a) **Class Rules**.
> (b) ~~Adoption in the~~ A notice of race and sailing instructions.
> (c) Prescriptions of an MNA for races under its jurisdiction.
> (d) World Sailing Regulations, ~~or~~
> (e) World Sailing Racing Rules of Sailing, or
> (f) Other documents that govern an event.
>
> ERS Parts A, B, C and H apply at all times, except as permitted by the rules themselves.
>
> ERS definitions marked with an asterisk (*) are optional for Classes approved by WS prior to 1997.

Amendment Two

INTRODUCTION

Old:

> **Abbreviations**
>
MNA	World Sailing Member National Authority
ICA	International Class Association
NCA	National Class Association
ERS	The Equipment Rules of Sailing
RRS	The Racing Rules of Sailing

Amend to read:

> **Abbreviations**

MNA	World Sailing Member National Authority
ICA	International Class Association or recognised Rating System
NCA	National Class Association
ERS	The Equipment Rules of Sailing
RRS	The Racing Rules of Sailing
TC	An Event Technical Committee as defined in Racing Rule 92.
ER	Equipment Regulations

Amendment Three

A.2 CERTIFICATE

Old:

A.2.1 Having a Certificate
The **boat** shall have such valid **certificate** as required by its **class rules** or the **certification authority**.

Amend to read:

A.2.1 Having a Certificate
The **boat** shall have ~~such~~ a valid **certificate** as required by its **class rules** or the **certification authority**.

Amendment Four

B.1 POSITION OF EQUIPMENT

Old:

B.1.1 Mast Upper Limit Mark
(a) TRILATERAL MAINSAIL
The **sail** shall be below the **mast upper limit mark**.
(b) QUADRILATERAL MAINSAIL
The **throat point** shall be below the **mast upper limit mark**.

Amend to read:

B.1.1 Mast Upper Limit Mark
(a) TRILATERAL MAINSAIL
The **mainsail** ~~sail~~ shall be set so that no visible part of it shall be higher than a line projected 90º to ~~below~~ the mast **spar** at the **upper point** ~~**limit mark**~~.
(b) QUADRILATERAL MAINSAIL
The **throat point**, ~~shall be below~~ projected at 90º the mast **spar**, shall not be set higher than the **upper point** ~~**limit mark**~~.

Amendment Five

B.1 POSITION OF EQUIPMENT

Old:

B.1.3 Boom Outer Limit Mark
The **leech** of any **sail** set on a **boom**, extended as necessary, shall intersect the upper edge of the boom **spar** forward of the **boom outer limit mark**.

B.1.4 Bowsprit Outer Limit Mark
The **tack** of any **headsail** set on a **bowsprit** shall be **connected** aft of the **bowsprit outer limit mark**.

B.1.5 Bowsprit Inner Limit Mark
The **bowsprit inner limit mark** shall not be outboard the **hull** when the **bowsprit** is set.

Amend to read:

B.1.3 Boom Outer Limit Mark
The **leech** of any **sail** set on a **boom**, extended as necessary, shall intersect the upper edge of the **boom spar** forward of the **boom outer point ~~limit mark~~**.

B.1.4 Bowsprit Outer Limit Mark
The **tack** of any **headsail** set on a **bowsprit** shall be **connected** aft of the **bowsprit outer point ~~limit mark~~**.

B.1.5 Bowsprit Inner Limit Mark
The **bowsprit inner point ~~limit mark~~** shall not be outboard of the **hull** when the **bowsprit** is set.

Amendment Six

C.3 CERTIFICATION

Amend to add:

C.3.5 Licensed Manufacturer's Mark
The mark required by **class rules** and used to indicate that equipment is produced by a licensed manufacturer.

Amendment Seven

C.4 CERTIFICATION CONTROL AND EQUIPMENT INSPECTION

Old:

C.4.3 Equipment Inspection
Control carried out at an event as required by the notice of race and the sailing instructions which may include **fundamental measurement**.

Amend to read:

C.4.3 Event Equipment Inspection
Control carried out by the TC at an event as required by the notice of race, ~~and~~ the sailing instructions and/or the ER, which may include **fundamental measurement**.

Amendment Eight

C.4 CERTIFICATION CONTROL AND EQUIPMENT INSPECTION

Old:

C.4.4 Official Measurer

A person appointed or recognised, by the MNA of the country where the control takes place, to carry out **certification control** and when the **class rules** permit, **certification**. An MNA may have delegated this responsibility.

Amend to read:

C.4.4 ~~Official~~ Certification Measurer
A person appointed or recognised, by the MNA of the country where the control takes place, to carry out **certification control** and when the **class rules** permit, **certification**. An MNA may have delegated this responsibility.

Amendment Nine

C.4 CERTIFICATION CONTROL AND EQUIPMENT INSPECTION

Old:

C.4.5 In-House Official Measurer
An **official measurer** appointed in accordance with the World Sailing In-House Certification Programme.

Amend to read:

C.4.5 In-House ~~Official~~ Certification Measurer
~~An official measurer~~ A person appointed to carry out **certification control** in accordance with the World Sailing In-House Certification Programme.

Amendment Ten

C.4 CERTIFICATION CONTROL AND EQUIPMENT INSPECTION

Old:

C.4.6 Equipment Inspector
A person appointed by a technical committee to carry out **equipment inspection**.

C.4.7 Limit Mark
A clearly visible mark of a single colour, contrasting to the part(s) on which it is placed, indicating a measurement point.

C.4.8 Event Limitation Mark
A mark placed by a technical committee on equipment whose replacement at the event is controlled by the **class rules**.

Amend to read:

C.4.6 Equipment Inspector
A person appointed by a TC ~~technical committee~~ to carry out **equipment inspection**.

C.4.7 Limit Mark
A clearly visible permanent mark of a single colour, contrasting to the part(s) on which it is placed, indicating a measurement point.

C.4.8 Event Limitation Mark

A mark permanently attached ~~placed~~ by a TC ~~technical committee~~ on equipment whose replacement at the event is controlled by the **class rules** or is specified by the TC or the Equipment Regulations to be marked so.

Amendment Eleven

C.4 CERTIFICATION CONTROL AND EQUIPMENT INSPECTION

Amend to add:

C.4.9 Equipment Regulations (ER)
Rules published by the TC that govern the **event equipment inspection**.

Amendment Twelve

C.5 PERSONAL DEFINITIONS

Old:

C.5.1 Crew
A competitor, or team of competitors, that operates a **boat**.

C.5.2 Personal Equipment
All personal effects carried or worn and items worn on board to keep warm and/or dry, and/or to protect the body, **personal flotation device**, safety harnesses and hiking aids worn to keep the person aboard or afloat.

C.5.3 Personal Flotation Device
Personal equipment as required by the *rules* to assist the user to float in water.

Amend to read:

C.5.1 Crew
A competitor, or team of competitors, that operates a **boat**.

C.5.2 Helmsperson
A **crew** member who helms a **boat**.

C.5.3 Personal Equipment
All personal effects carried or worn and items worn on board to keep warm and/or dry, and/or to protect the body, **personal flotation device**, ~~safety harnesses~~ **crew harness** and hiking aids or safety equipment worn to keep the person aboard or afloat.

C.5.4 Personal Flotation Device
Personal equipment as required by the *rules* to assist the user to float in water. **Class rules** or the World Sailing Offshore Special Regulations shall prescribe the required standards, if any.

C.5.5 Crew Harness
Personal equipment worn to assist the **crew** to use a **trapeze** or to hike or to stay **connected** to a **windsurf sail**, a **kite** or a **wingfoil**. **Class rules** shall prescribe the required standards, if any.

C.5.6 Impact Vest

Personal equipment designed to provide protection against impacts to the torso. **Class rules** shall prescribe the required standards, if any.

Amendment Thirteen

C.6 BOAT DEFINITIONS

Amend to add:

C.6.2 Boat Types
(e) WINGFOIL
A **boat.**

Amendment Fourteen

C.6 BOAT DEFINITIONS

Old:

C.6.3 Boat Control Definitions
(f) BALLAST
Weight **installed** to influence the stability, flotation or total weight of the **boat**.
…
C.6.6 Portable Equipment
Equipment permitted by **class rules** excluding:
the **boat**,
personal equipment, and
consumables.
Typical examples of portable equipment would include, mooring lines, paddles and bailers.

Amend to read:

C.6.3 Boat Control Definitions
(f) BALLAST
Weight **installed** to influence the stability, flotation, trim or total weight of the **boat**.
…
C.6.6 Portable Equipment
Removable equipment permitted by **class rules** excluding:
the **boat**,
personal equipment, and
consumables.
Typical examples of portable equipment would include anchor and chain, mooring or towing lines, paddles, ~~and~~ bailers, spare fittings and ropes.

Amendment Fifteen

C.7 BOAT MODIFICATIONS, MAINTENANCE AND REPAIR

Old:

C.7.1 Terms

…
(c) FASTENING
To fix in place with bolts, screws or rivets.
…
(f) SANDING
Removal of the outermost surface through use of an abrasive material with or without a **lubricating** agent, which does not alter the shape but may remove localised irregularities or textures in the surface. It may include polishing through the use of a cutting compound.
…
(g) CLEANING
The application and subsequent removal of detergents or similar agents, the purpose of which is to remove residue on the surface.
(h) FAIRING
The addition and/or removal of material to alter the shape.
(i) LUBRICATING
The application of non-permanent friction reducing compound.

Amend to read:

C.7.1 Terms
…
(c) FASTENING
To fix in place with bolts, screws, ~~or~~ rivets or other suitable means.
…
(f) SANDING
Removal of the outermost surface through use of an abrasive material with or without a **lubricating** agent, which does not alter the shape but may remove localised irregularities or textures in the surface. ~~It may include polishing through the use of a cutting compound.~~
…
(g) CLEANING
The application and subsequent removal of detergents or similar agents, the purpose of which is to remove residue on the surface.
(h) POLISHING
The application of cutting compounds with or without a **lubricating** agent, in order to reduce surface roughness.
(i) FAIRING
The addition and/or removal of material to alter the shape.
(j) LUBRICATING
The application of non-permanent friction reducing compound.
(k) SEALED IN POSITION
Securing or locking something in place to prevent movement. The use of seals, stickers, or other marking devices to indicate if something has been moved.
(l) SEALED CLOSED
Locking something to prevent access. The use of seals, stickers, or other marking devices to indicate if something has been moved.

Amendment Sixteen

C.7 BOAT MODIFICATIONS, MAINTENANCE AND REPAIR

Old:

C.7.3 Maintenance
Work required to retain the original condition, compensating for normal wear and tear in order to

achieve its maximum useful life. This includes preventive **maintenance** and may include **coating, sanding, lubricating** and **cleaning**, but shall exclude **fairing** and **bonding**.

C.7.4 Repair
Corrective action, following unintended damage, required to restore the original condition. This may include **coating, sanding, fairing** and **bonding**.

Amend to read:

C.7.3 Maintenance
Work required to retain the original condition, compensating for normal wear and tear in order to achieve its maximum useful life. This includes preventive **maintenance** and may include **coating, sanding, lubricating, polishing** and **cleaning**, but shall exclude **fairing** and **bonding**.

C.7.4 Repair
Corrective action, following unintended damage, required to restore the original condition and shape. This may include **coating, sanding, fairing, polishing** and **bonding**.

Amendment Seventeen

D.1 HULL TERMS

Old:

D.1.1 Hull
The hull shell including any transom, the deck including any superstructure, the internal structure including any cockpit, the **fittings** associated with these parts and any **corrector weights**.

Amend to read:

D.1.1 Hull
The **hull** shell including any transom, the deck including any superstructure, the internal structure including any cockpit, wing or racks, the **fittings installed** on ~~associated with~~ these parts and any **corrector weights**.

Amendment Eighteen

E.2 HULL APPENDAGE MEASUREMENT DEFINITIONS

Old:

E.2.1 Hull Appendage Weight
The weight of the **hull appendage**.

E.2.2 Wingspan
The maximum transverse distance between the outermost points of any **winglets** or a **hydrofoil**.

Amend to read:

E.2.1 Hull Appendage Weight
The weight of the **hull appendage** excluding any associated **fittings**.

E.2.2 Hull Appendage Assembly Weight
The weight of the **hull appendage** including any associated **fittings** and other parts prescribed in **class rules**.

E.2.3 Wingspan
The maximum transverse distance between the outermost points of any **winglets** or a **hydrofoil**.

Amendment Nineteen

F.1 GENERAL RIG TERMS

Old:

F.1.3 Spar(s)
The main structural part(s) of the **rig** to which **sails** are **connected**. It includes its **fittings** and any **corrector weights**.
(a) SPAR WEIGHT
The weight of the **spar**.
…
F.4 OTHER SPARS MEASUREMENT DIMENSIONS (REF. F.1.4(D))
…

Amend to read:

F.1.3 Spar(s)
The main structural part(s) of the **rig** to which **sails** are **connected**. It includes its **fittings** and any **corrector weights**.
~~(a) SPAR WEIGHT~~
~~The weight of the **spar**.~~
…
F.4 ~~OTHER~~ SPAR~~S~~ MEASUREMENT DIMENSIONS ~~(REF. F.1.4(D))~~
…
(c) SPAR WEIGHT
The weight of the **spar**.

Amendment Twenty

F.1 GENERAL RIG TERMS

Amend to add:

F.1.7 Rigging Types
(b) RUNNING RIGGING
(xi) VANG
Equipment connected to the **boom** and used to control the angle between the **mast** and the **boom**. The term includes Gnav variations.

Amendment Twenty-one

F.1 GENERAL RIG TERMS

Old:

F.1.9 Limit Marks
(a) LIMIT MARK DIMENSIONS
(i) LIMIT MARK WIDTH
The minimum width measured in the length direction of the **spar**.

Amend to read:

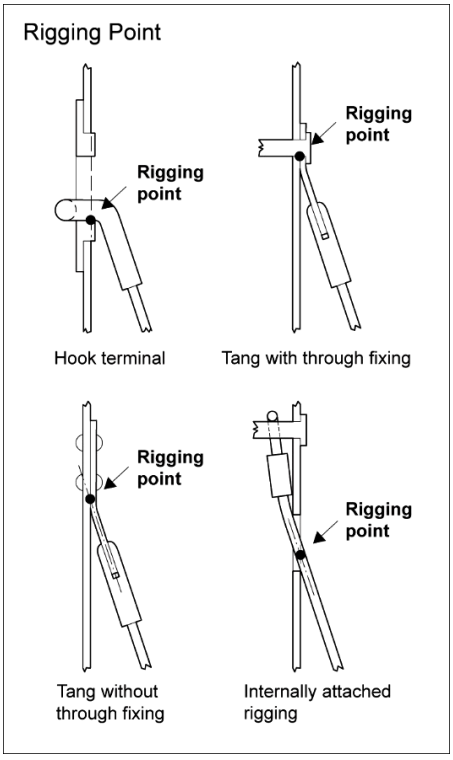
F.1.9 Limit Mark~~s~~ Width
~~(a) LIMIT MARK DIMENSIONS~~
~~(i) LIMIT MARK WIDTH~~
The minimum width measured in the length direction of the **spar**.

Amendment Twenty-two

F.2 MAST MEASUREMENT DEFINITIONS

Old:

F.2.3 Mast Dimensions
…
(e) When **rigging** is attached:
BY HOOK TERMINAL: The lowest point of the hook where it inter-sects the **spar**, extended as necessary.
BY TANG WITH THROUGH FIXING: The lowest point of the **spar** through fixing where it intersects the **spar**.
BY EYE WITH BOLT OR OTHER THROUGH FIXING: The lowest point of the **spar** bolt, or through fixing, where it intersects the **spar**.
IN OTHER WAYS: The intersection of the outside of the **spar**, extended as necessary, and the centreline of the **rigging**.



Amend to read:

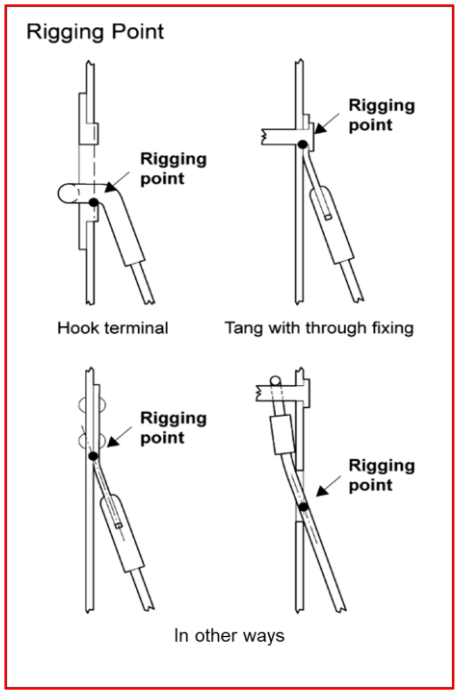
F.2.3 Mast Dimensions
…
(e) When **rigging** is attached:

BY HOOK TERMINAL: The lowest point of the hook where it inter-sects the **spar**, extended as necessary.

BY TANG WITH THROUGH FIXING: The lowest point of the **spar** through fixing where it intersects the **spar**.

~~BY EYE WITH BOLT OR OTHER THROUGH FIXING: The lowest point of the **spar** bolt, or through fixing, where it intersects the **spar**.~~

IN OTHER WAYS: The intersection of the outside of the **spar**, extended as necessary, and the centreline of the **rigging**.



Amendment Twenty-three

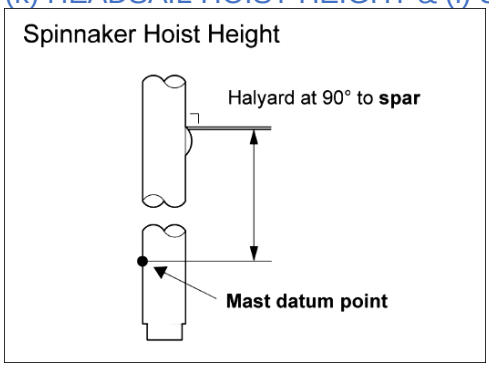
F.2 MAST MEASUREMENT DEFINITIONS

Old:

F.2.3 Mast Dimensions

…

(k) HEADSAIL HOIST HEIGHT & (l) SPINNAKER HOIST HEIGHT

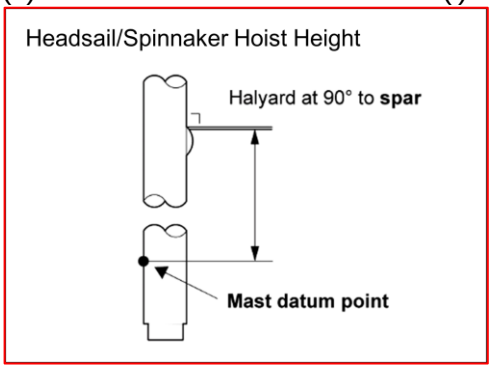


Amend to read:

F.2.3 Mast Dimensions

…

(k) HEADSAIL HOIST HEIGHT & (l) SPINNAKER HOIST HEIGHT



Amendment Twenty-four

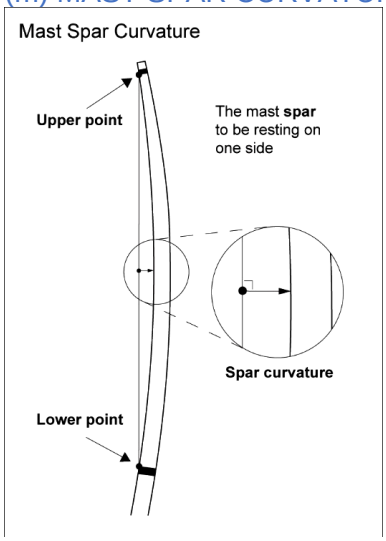
F.2 MAST MEASUREMENT DEFINITIONS

Old:

F.2.3 Mast Dimensions

…

(m) MAST SPAR CURVATURE

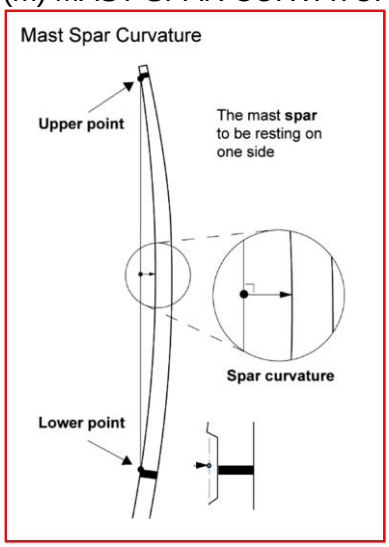


Amend to read:

F.2.3 Mast Dimensions

…

(m) MAST SPAR CURVATURE



Amendment Twenty-five

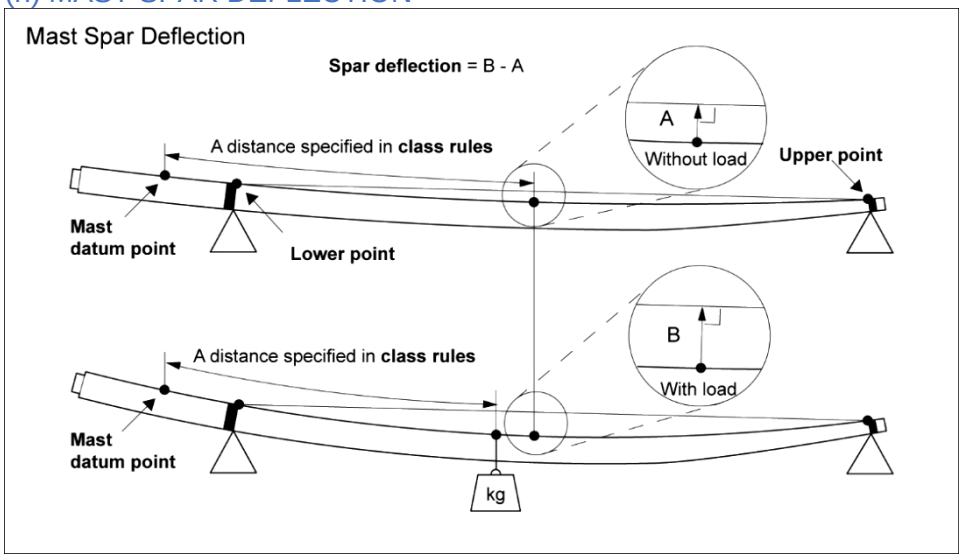
F.2 MAST MEASUREMENT DEFINITIONS

Old:

F.2.3 Mast Dimensions

…

(n) MAST SPAR DEFLECTION

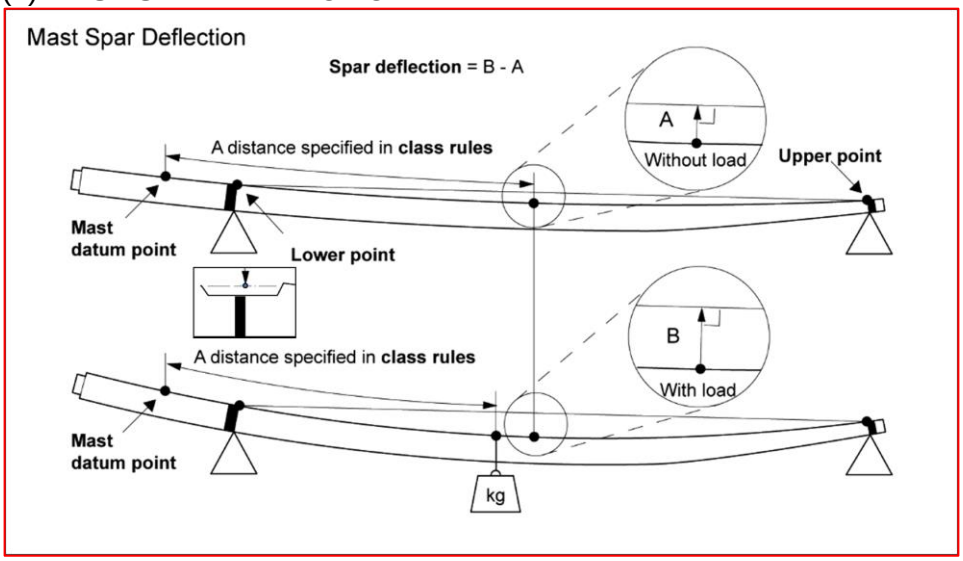


Amend to read:

F.2.3 Mast Dimensions

…

(n) MAST SPAR DEFLECTION



Amendment Twenty-six

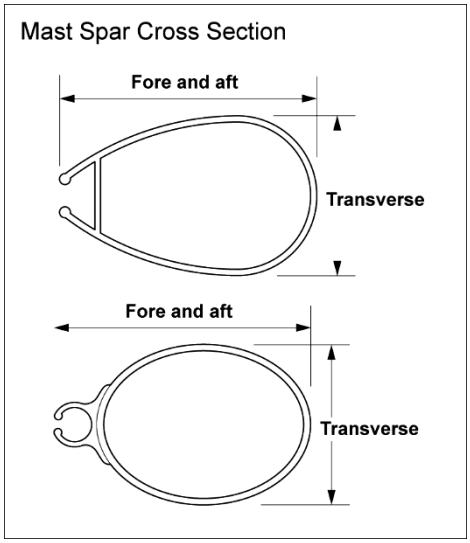
F.2 MAST MEASUREMENT DEFINITIONS

Old:

F.2.3 Mast Dimensions

…

(o) MAST SPAR CROSS SECTION

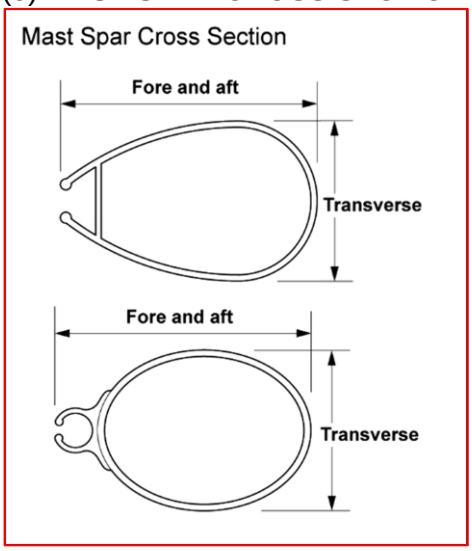


Amend to read:

F.2.3 MAST DIMENSIONS

…

(o) MAST SPAR CROSS SECTION



Amendment Twenty-seven

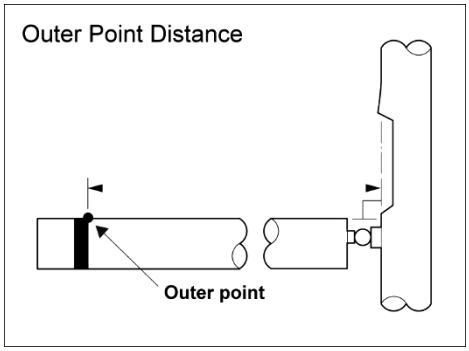
F.3 BOOM MEASUREMENT DEFINITIONS

Old:

F.3.3 Boom Dimensions

…

(a) OUTER POINT DISTANCE

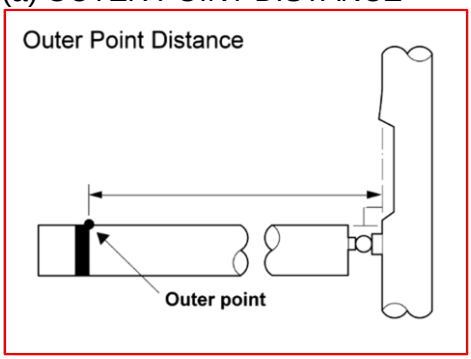


Amend to read:

F.3.3 Boom Dimensions

…

(a) OUTER POINT DISTANCE



Amendment Twenty-eight

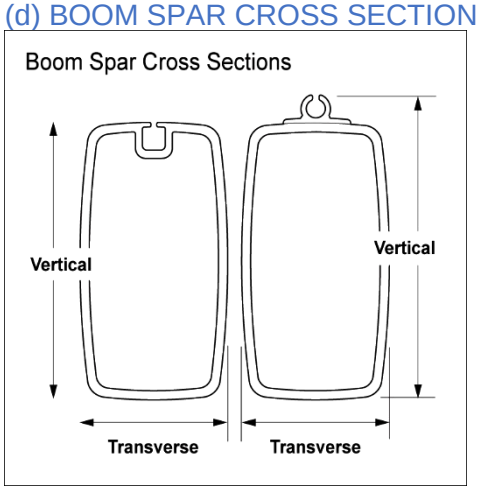
F.3 BOOM MEASUREMENT DEFINITIONS

Old:

F.3.3 Boom Dimensions

…

(d) BOOM SPAR CROSS SECTION

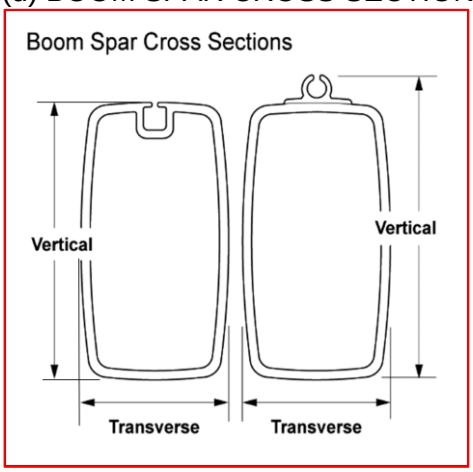


Amend to read:

F.3.3 Boom Dimensions

…

(d) BOOM SPAR CROSS SECTION

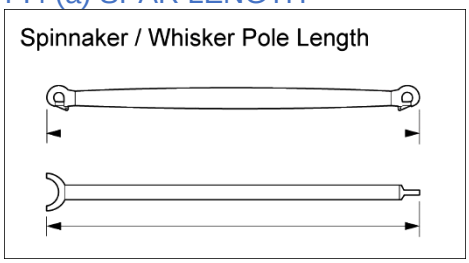


Amendment Twenty-nine

F.4 OTHER SPARS MEASUREMENT DIMENSIONS (REF. F.1.4(D))

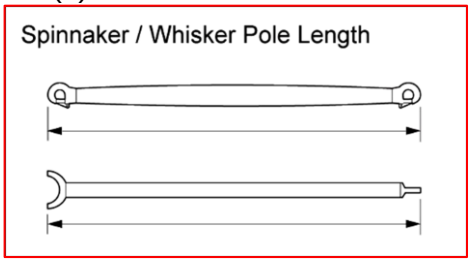
Old:

F.4 (a) SPAR LENGTH



Amend to read:

F.4 (a) SPAR LENGTH

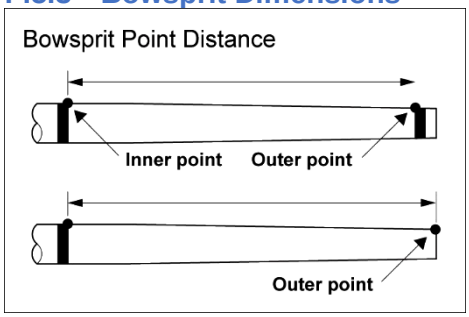


Amendment Thirty

F.5 BOWSPRIT MEASUREMENT DEFINITIONS

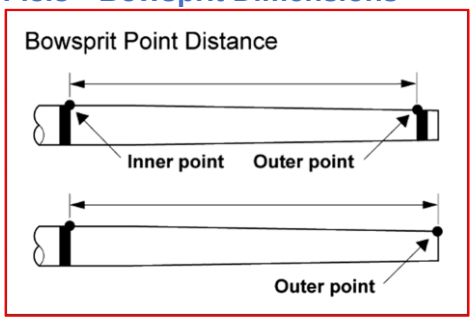
Old:

F.5.3 Bowsprit Dimensions



Amend to read:

F.5.3 Bowsprit Dimensions



Section G – Sail Definitions

Old:

Subsection A – Trilateral Sails

Definitions relating to **sails** with only three **sail edges**:

"MAINSAIL" also applies to **foremast sail** and **mizzen**.

"HEADSAIL" also applies to "jib" and "genoa".

"SPINNAKER" also applies to "gennaker".

…

Subsection B – Additions for Other Sails

The following definitions for non-trilateral sails are additional to or vary those given in Subsection A of this Section.

Amend to read:

Subsection A – Trilateral Sails

Definitions relating to **sails** with only three **sail edges**:

"MAINSAIL" also applies to **foremast sail** and **mizzen**.

"HEADSAIL" also applies to "jib" ~~and~~ "genoa" and "solent".

"SPINNAKER" applies to symmetric and asymmetric ("gennaker") sails ~~also applies to "gennaker"~~.

…

Subsection B – Additions for Other Sails

The following definitions for non-trilateral sails are additional to or vary those given in Subsection A of this Section. Sails are to be considered as Quadrilateral only when they are set on a gaff, sprit or yard.

Amendment Thirty-one

G.4 SAIL CORNER MEASUREMENT POINTS / G.5 OTHER SAIL MEASUREMENT POINTS

Old:

G.4.1 Clew Point
The intersection of the **foot** and the **leech**, each extended as necessary.

…

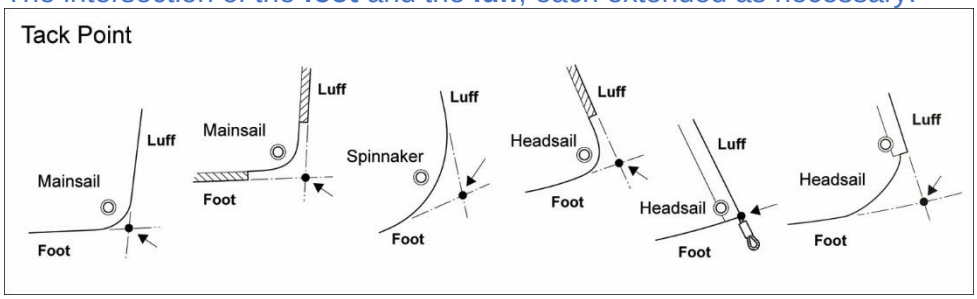
G.4.2 Head Point

…

(c) SPINNAKER: The intersection of the **luff** and the **leech**, extended as necessary.

…

G.4.3 Tack Point
The intersection of the **foot** and the **luff**, each extended as necessary.



…

G.5.6 Aft Head Point
MAINSAIL and HEADSAIL: The intersection of the **leech** extended as necessary and the line through the **head point** at 90° to the **luff**.

…

G.4.4 Peak Point
The intersection of the **head** and **leech**, each extended as necessary.

…

G.4.5 Throat Point
The intersection of the **head** and **luff**, each extended as necessary.

Amend to read:

G.4.1 Clew Point
The intersection of the **foot** and the **leech**, each extended as necessary to bridge a cut-out or a rounded corner.

…

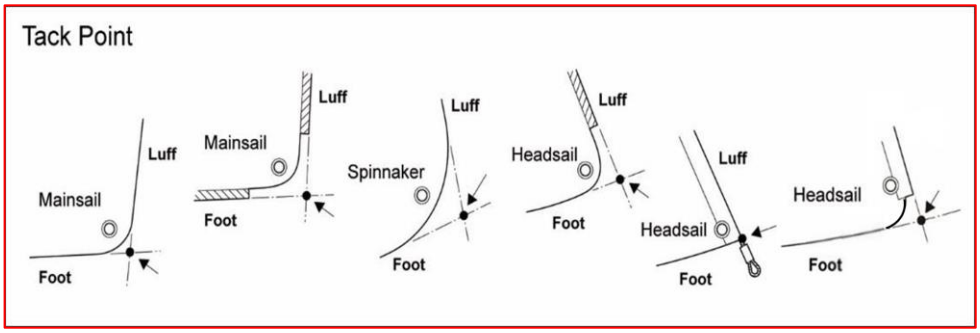
G.4.2 Head Point

…

(c) SPINNAKER: The intersection of the **luff** and the **leech**, extended as necessary to bridge a cut-out or a rounded corner.

…

G.4.3 Tack Point
The intersection of the **foot** and the **luff**, each extended as necessary to bridge a cut-out or a rounded corner.



…

G.5.6 Aft Head Point

MAINSAIL and HEADSAIL: The intersection of the **leech** extended as necessary to bridge a cut out or a rounded corner and the line through the **head point** at 90° to the **luff**.

…

G.4.4 Peak Point

The intersection of the **head** and **leech**, each extended as necessary to bridge a cut out or a rounded corner.

…

G.4.5 Throat Point

The intersection of the **head** and **luff**, each extended as necessary to bridge a cut out or a rounded corner.

Amendment Thirty-two

Subsection B – Additions for Other Sails

G.5 OTHER SAIL MEASUREMENT POINTS

Old:

G.5.5 Upper Leech Point

The point on the **leech** a specified distance from the **peak point**.

Amend to read:

G.5.5 Upper Leech Point

The point on the **leech** at a specified distance from the **peak point**.

Amendment Thirty-three

G.5 OTHER SAIL MEASUREMENT POINTS

Old:

G.5.11 Upper Luff Point

The point on the **luff** a specified distance from the **head point**.

Amend to read:

G.5.11 Upper Luff Point

The point on the **luff** at a specified distance from the **head point**.

Amendment Thirty-four

G.7 PRIMARY SAIL DIMENSIONS / H.5 SAIL MEASUREMENT

Amend to add:

G.7.13 Spinnaker Half Girth *
The distance between a point on the **luff/leech** and a point on the **spinnaker** centreline, both of those points at specified distances from the **head point**.
…
H.5.5 Spinnaker Half Girth Measurement
The **spinnaker** shall be folded along its centreline with the **luff** on top of the **leech**.

Amendment Thirty-five

H.1 CERTIFICATION CONTROL

Old:

H.1.1
An **official measurer** shall not carry out **certification control** of any part of a **boat** owned, designed or built by himself, or in which he is an interested party, or has a vested interest, except where permitted by the MNA or World Sailing for In-House Certification.

H.1.2
If an **official measurer** is in any doubt as to the application of, or compliance with, the **class rules** he shall consult the **certification authority** before signing a certification control form or applying a **certification mark**.

H.1.3
An **official measurer** shall only carry out **certification control** in another country with the prior agreement of the MNA for that country.

Amend to read:

H.1.1
~~An **official**~~ **Certification measurers** shall not carry out **certification control** of any part of a **boat** owned, designed or built by themselves ~~himself~~, or in which they are ~~he is~~ an interested party, or have ~~has~~ a vested interest. ~~except where permitted by the MNA or World Sailing for In House Certification.~~

H.1.2
If a ~~an **official**~~ **certification measurer** is in any doubt as to the application of, or compliance with, the **class rules** ~~he shall consult~~ the question shall be referred to the **certification authority** before signing a certification control form or applying a **certification mark**.

H.1.3
~~An **official**~~ **Certification measurers** ~~shall only~~ carry out **certification control** in another country ~~with the prior agreement of~~ only if they are appointed or recognised as such by the MNA for that country.

Amendment Thirty-six

H.3 MEASUREMENT AXES

Old:

H.3.3
Unless otherwise specified, measurements shall be the shortest distance between the measurement points.

Amend to read:

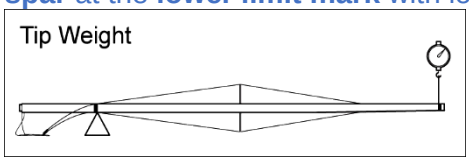
H.3.3
Unless otherwise specified, a measurement~~s~~ shall be the shortest distance between the respective measurement points.

Amendment Thirty-seven

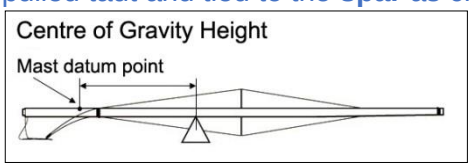
H.4 RIG MEASUREMENT

Old:

H.4.6
Mast tip weight shall be checked with any **halyards** fully hoisted and **rigging** tied to the **spar** at the **lower limit mark** with lower ends hanging free or resting on the ground.

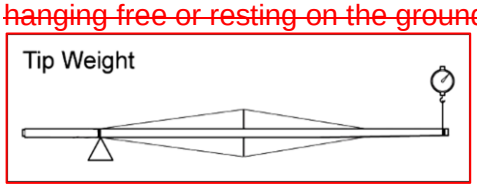


H.4.7
Mast centre of gravity height shall be checked with any **halyards** fully hoisted and **rigging** pulled taut and tied to the **spar** as close to the **lower point** as possible.



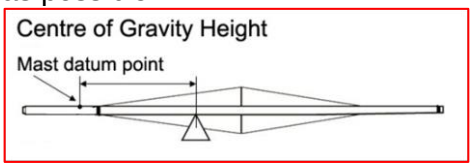
Amend to read:

H.4.6
Mast tip weight shall be checked with any **halyards** fully hoisted and with tails on the **lower limit mark** and **rigging** pulled taut and tied to the **spar** at the **lower limit mark.** ~~with lower ends hanging free or resting on the ground.~~



H.4.7
Mast centre of gravity height shall be checked with any **halyards** fully hoisted and with tails

on the **lower limit mark** and **rigging** pulled taut and tied to the **spar** as close to the **lower point** as possible.



Amendment Thirty-eight

H.5 SAIL MEASUREMENT

Old:

H.5.4 Extended as necessary

If there is local curvature and/or irregularity in the **sail edge** leading into a corner point, the extension of the **sail edge** shall be found as follows using a batten as specified in H.5.4(e) :-

(a) Hold the batten at its very ends with one end approximately where the **corner point** will be and the other end touching the **sail edge** being extended.
(b) Apply compression only to the batten to produce a uniform curve when required.
(c) If the batten does not replicate the sail edge shape exactly, move the end of the batten at the **corner** away from **sail** until the longest possible length of the batten touches the **sail edge**.
(d) Where this technique does not provide a repeatable **corner point**, ERS H.1.2 shall apply.
(e) Battens shall be of a specification approved by World Sailing unless otherwise specified in class rules.
(f) Class Rules may vary ERS H.5.4

Amend to read:

H.5.4 Extended as necessary

~~If~~ When there is ~~local curvature and/or irregularity~~ a cut-out or rounded corner in the **sail edges** at the **clew, tack, peak, throat, spinnaker head** or an **aft head point**, ~~leading into a~~ the **corner point**, ~~the extension of the **sail edge**~~ shall be found by extending the sail edges as necessary to bridge the cut-out or rounded corner. ~~as follows using a batten as specified in H.5.4(e):~~

(a) A uniform thickness batten may be used for that purpose, placed along each **sail edge** and bent in a way to match the curve of the **sail edge** up to the start of the cut-out or the rounded corner.

~~(a) Hold the batten at its very ends with one end approximately where the **corner point** will be and the other end touching the **sail edge** being extended.~~

~~(b) Apply compression only to the batten to produce a uniform curve when required.~~

~~(c) If the batten does not replicate the sail edge shape exactly, move the end of the batten at the **corner** away from **sail** until the longest possible length of the batten touches the **sail edge**.~~

(b) ~~Where this technique does not provide a repeatable **corner point**,~~ When the cut-out is not clearly defined and a repeatable corner point cannot be found, ERS H.1.2 shall apply. The **certification control** may be suspended until the **sail** cut-out is made clear to the satisfaction of the **certification measurer**.

(c) Battens specifications ~~shall~~ may be ~~of a specification approved by World Sailing unless otherwise specified~~ prescribed in **class rules.**

(d) **Class Rules** may vary ERS H.5.4

Equipment Rules of Sailing Changes

Effective date: 2025-01-01

Amendment Thirty-nine

H.6 CHECKING MATERIALS

Old:

H.6 CHECKING MATERIALS
Unless specifically prescribed by the **class rules**, materials are not subject to **certification control**.

Amend to read:

H.6 CHECKING MATERIALS
~~Unless specifically prescribed by the **class rules,**~~ Materials are ~~not~~ subject to **certification control** only if specifically prescribed by the **Class Rules**.

Amendment Forty

APPENDIX 2

Old:

Abbreviations for primary sail dimensions:

	ERS Rule Reference	Dimension	Abbreviation
Mainsail	G.7.4 (a)	Mainsail Quarter Width	MQW
	G.7.5 (a)	Mainsail Half Width	MHW
	G.7.6 (a)	Mainsail Three Quarter Width	MTW
	G.7.8 (a)	Mainsail Upper Width	MUW
	G.7.9 (a)	Mainsail Top Width	MHB
Headsail	G.7.3	Headsail Luff Length	HLU
	G.7.4 (a)	Headsail Quarter Width	HQW
	G.7.5 (a)	Headsail Half Width	HHW
	G.7.6 (a)	Headsail Three Quarter Width	HTW
	G.7.8 (a)	Headsail Upper Width	HUW
	G.7.9 (a)	Headsail Top Width	HHB
	G.7.11	Headsail Luff Perpendicular	HLP
Spinnaker	G.7.3	Spinnaker Luff Length	SLU
	G.7.2	Spinnaker Leech Length	SLE
	G.7.1	Spinnaker Foot Length	SFL
	G.7.5 (b)	Spinnaker Half Width	SHW

Amend to read:

Abbreviations for primary sail dimensions:

	ERS Rule Reference	Dimension	Abbreviation
Mainsail	G.7.4 (a)	Mainsail Quarter Width	MQW
	G.7.5 (a)	Mainsail Half Width	MHW
	G.7.6 (a)	Mainsail Three Quarter Width	MTW

	G.7.8 (a)	Mainsail Upper Width	MUW
	G.7.9 (a)	Mainsail Top Width	MHB
Headsail	G.7.3	Headsail Luff Length	HLU
	G.7.4 (a)	Headsail Quarter Width	HQW
	G.7.5 (a)	Headsail Half Width	HHW
	G.7.6 (a)	Headsail Three Quarter Width	HTW
	G.7.8 (a)	Headsail Upper Width	HUW
	G.7.9 (a)	Headsail Top Width	HHB
	G.7.12	Headsail Luff Perpendicular	HLP
Spinnaker	G.7.3	Spinnaker Luff Length	SLU
	G.7.2	Spinnaker Leech Length	SLE
	G.7.1	Spinnaker Foot Length	SFL
	G.7.5 (b)	Spinnaker Half Width	SHW
Quadrilateral Mainsail	G.7.2	Leech Length	QLE
	G.7.13	Head Length	QHL
	G.7.1	Foot Length	QFL
	G.7.10 (a)	Clew Diagonal	QCD

Amendment Forty-one

Old:

D.1.2 Sheerline
…
D.3.2 Hull Beam
…
F.2.3 Mast Dimensions
…
(e) RIGGING POINT
(f) FORESTAY HEIGHT
(g) SHROUD HEIGHT
(h) BACKSTAY HEIGHT
(i) CHECKSTAY HEIGHT
(j) TRAPEZE HEIGHT
(k) HEADSAIL HOIST HEIGHT
(l) SPINNAKER HOIST HEIGHT
…
F.2.4 Mast Fittings
(a) SPREADER
…
G.4 SAIL CORNER MEASUREMENT POINTS
…
G.5.6 Aft Head Point
…
Subsection B – Additions for Other Sails
G.4 SAIL CORNER MEASUREMENT POINTS

Amend to read:

D.1.2 Sheerline *
…
D.3.2 Hull Beam *
…
F.2.3 Mast Dimensions
…
(e) RIGGING POINT *
(f) FORESTAY HEIGHT *
(g) SHROUD HEIGHT *
(h) BACKSTAY HEIGHT *
(i) CHECKSTAY HEIGHT *
(j) TRAPEZE HEIGHT *
(k) HEADSAIL HOIST HEIGHT *
(l) SPINNAKER HOIST HEIGHT *
…
F.2.4 Mast Fittings
(a) SPREADER *
…
G.4 SAIL CORNER MEASUREMENT POINTS *
…
G.5.6 Aft Head Point *
…
Subsection B – Additions for Other Sails
G.4 SAIL CORNER MEASUREMENT POINTS *