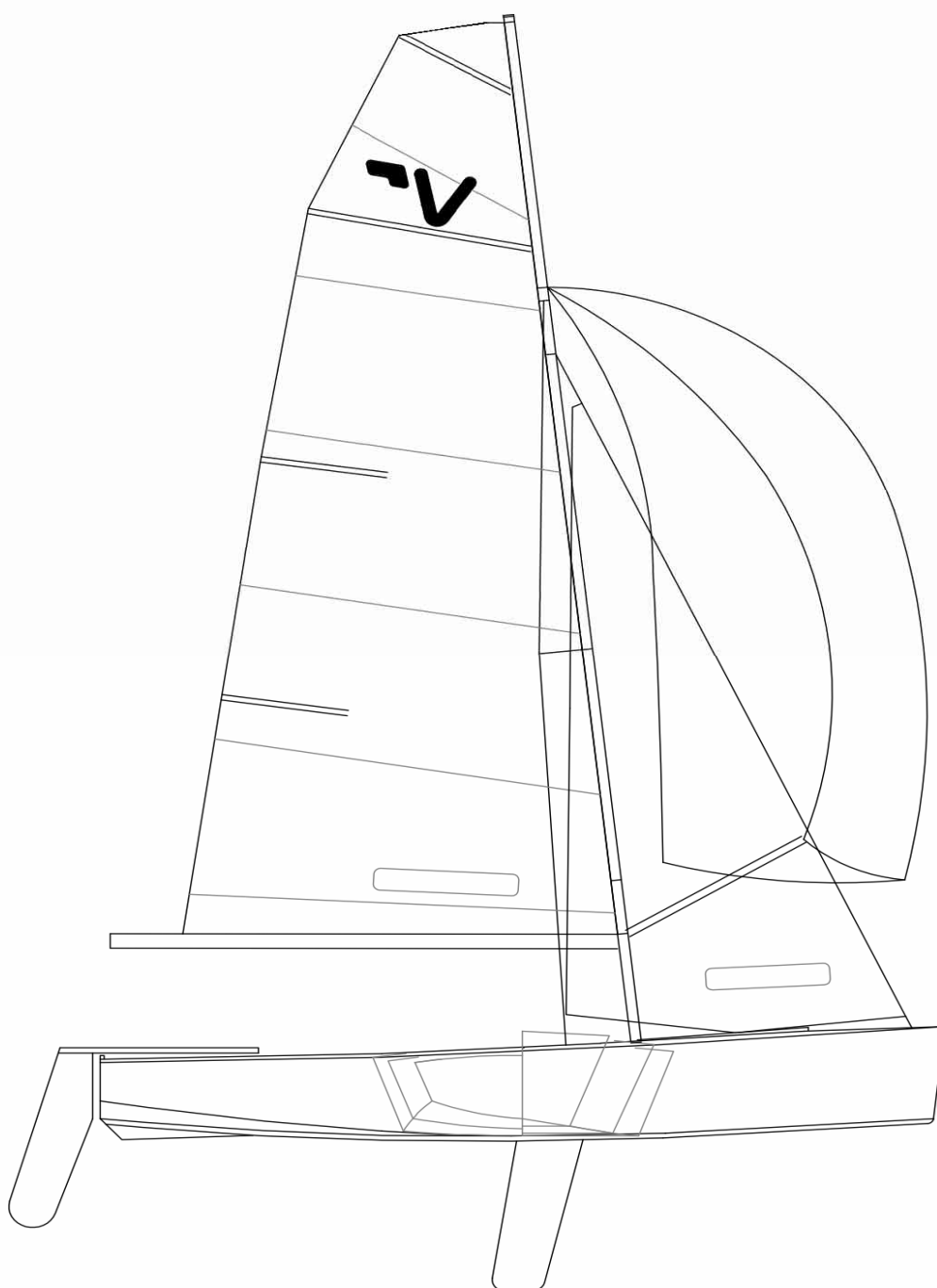


**INTERNATIONAL**

**VAURIEN**

**CLASS RULES**

**SAILS RULES AMENDMENT**



# PART I – ADMINISTRATION

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## Section A – General

### A.1 LANGUAGE

- A.1.1 The official language of the class is English and in case of dispute over translation the English text shall prevail.
- A.1.2 The word “shall” is mandatory and the word “may” is permissive.

### A.2 ABBREVIATIONS

- A.2.1
  - ISAF International Sailing Federation
  - MNA ISAF Member National Authority
  - IVCA International Vaurien Class Association
  - NCA National Class Association
  - ERS Equipment Rules of Sailing
  - RRS Racing Rules of Sailing

### A.3 AUTHORITIES AND RESPONSIBILITIES

- A.3.1 The international authority of the class is the ISAF which shall co-operate with the IVCA in all matters concerning these **Class Rules**.
- A.3.2 Notwithstanding anything contained herein, the **certification authority** has the authority to withdraw a **certificate** and shall do so at the request of the ISAF.

### A.4 ADMINISTRATION OF THE CLASS

- A.4.1 ISAF has delegated its administrative functions of the class to MNA's.  
The MNA may delegate part or all of its functions, as stated in these **Class Rules**, to the NCA
- A.4.1 In countries where there is no MNA, or the MNA does not wish to administer the class, its functions, as stated in these **Class Rules**, shall be carried out by the IVCA which may delegate the administration to a NCA.

### A.5 ISAF RULES

- A.5.1 These **Class Rules** shall be read in conjunction with the ERS
- A.5.2 Except where used in headings, when a term is printed in “**bold**” the ERS shall apply and when a term is printed in “*italics*” the RRS shall apply.
- A.5.3 These Rules are complimentary to the Building Specification Plan and Measurement Form.

### A.6 CLASS RULES VARIATIONS

- A.6.1 At Class Events – see RRS 88.1.d) – ISAF Regulation 26.5(f) applies.  
At all other events RRS 86 applies.

### A.7 CLASS RULES AMENDMENTS

- A.7.1 Amendments to these **Class Rules** are subjected to the approval of the ISAF in accordance with the ISAF Regulations.

## A.8 CLASS RULES INTERPRETATIONS

- A.8.1 Interpretations of these **Class Rules** shall be made in accordance with the ISAF Regulations.

## PART II – REQUIREMENTS AND LIMITATIONS

The **crew** and the **boat** shall comply with the rules in Part II when Racing. In case of conflict Section C shall prevail.

The rules in Part II are **closed class rules**. **Certification control** and **equipment inspection** shall be carried out in accordance with the ERS except where varied in this Part.

## Section C – Sails - Use

### C.1.1 MODIFICATIONS, MAINTENANCE AND REPAIR

- (a) **Sails** shall not be altered in any way except as permitted by these **class rules**.
- (b) Routine maintenance such as sewing, patching and mending is permitted without re-**certification control** and re-**certification**.

### C.1.2 LIMITATIONS

- (a) Not more than one mainsail, one headsail and one spinnaker shall be used during an event, except when a sail has been lost or damaged beyond repair. A replacement shall be made only with the approval of the Race Committee.

### C.1.3 MAINSAIL

#### (a) IDENTIFICATION

The national letters and sail numbers shall comply with the RRS.

#### (b) USE

- (1) The **sail** shall be hoisted on a halyard. The arrangement shall permit hoisting and lowering of the **sail** at sea whilst afloat.
- (2) The sail shall be set in accordance with ERS B.9.1.
- (3) **Luff** and **foot** bolt ropes or slides shall be inside the **spar** grooves or tracks.
- (4) Battens shall be fitted into their respective batten pockets when racing, except in the case of accidental loss.

### C.1.4 HEADSAIL

#### (a) USE

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

### C.1.5 SPINNAKER

#### (a) IDENTIFICATION

The sail numbers shall comply with the RRS Appendix G.

## (b) USE

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

## Section F – Spars - Spinnaker Pole

### F.14 SPINNAKER POLE

#### F.14.1 MANUFACTURER

- (a) No licence is required

#### F.14.2 MATERIALS

- (a) The **spinnaker pole** tube shall be made of aluminium alloy

#### F.14.3 FITTINGS

##### (a) OPTIONAL

1. A hook at each end.
2. Fittings approximately at the mid-point for attachment for lift/downhaul.
3. A fixed line between the fittings described in F.14.3 (a) (1), which may incorporate knots, toggles or short tubes.

#### F.1.4 DIMENSIONS

	Minimum	Maximum
<b>Spinnaker pole cross section</b> at mid length	25 mm	
<b>Spinnaker pole length</b> (including hooks)		1750 mm

## Section G – Sails – Measurement

### G.1 PARTS

#### G.1.1 MANDATORY

- (a) Mainsail
- (b) Headsail

#### G.1.2 OPTIONAL

- (a) Spinnaker

### G.2 GENERAL

#### G.2.1 RULES

- (a) Sails shall comply with the class rules at time of certification.

#### G.2.2 CERTIFICATION

- (a) The **official measurer** shall **certify** mainsails and headsails in the **tack** and spinnakers in the **head** and shall sign and date the **certification mark**.
- (b) An ISAF In House Certification (IHC) Authorizing Authority may appoint one or more Internal **Official Measurers** at a sailmaker to **certification control** and **certify** sails produced by that manufacturer in accordance with the ISAF guidelines.

#### G.2.3 SAILMAKER

- (a) The sailmaker is optional.
- (b) The date of manufacture, type and weight in g/m<sup>2</sup> of the **body of the sail** shall be indelibly marked near the **head point** by the sailmaker together with the date and his signature or stamp.

### G.3 MAINSAIL

#### G.3.1 IDENTIFICATION

- (a) The class insignia shall conform to the dimensions and requirements as detailed in the diagram contained in G.3.1.1 with a tolerance of +/-10 mm, be of a contrasting colour, and be placed in accordance with the following provisions:
  - (1) The corners may be rounded off.
  - (2) It shall be placed back to back with the "flag" pointing to the leech, above the **three-quarter leech point batten pocket** and not more than 100mm from its upper edge.

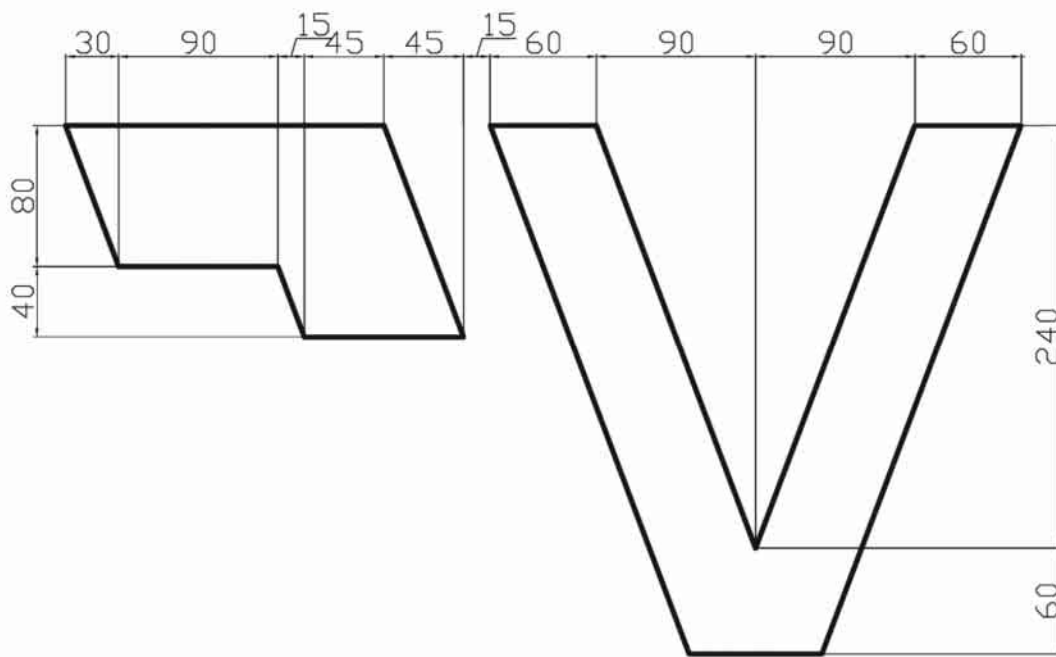


Diagram G.3.1.1

### G.3.2 MATERIALS

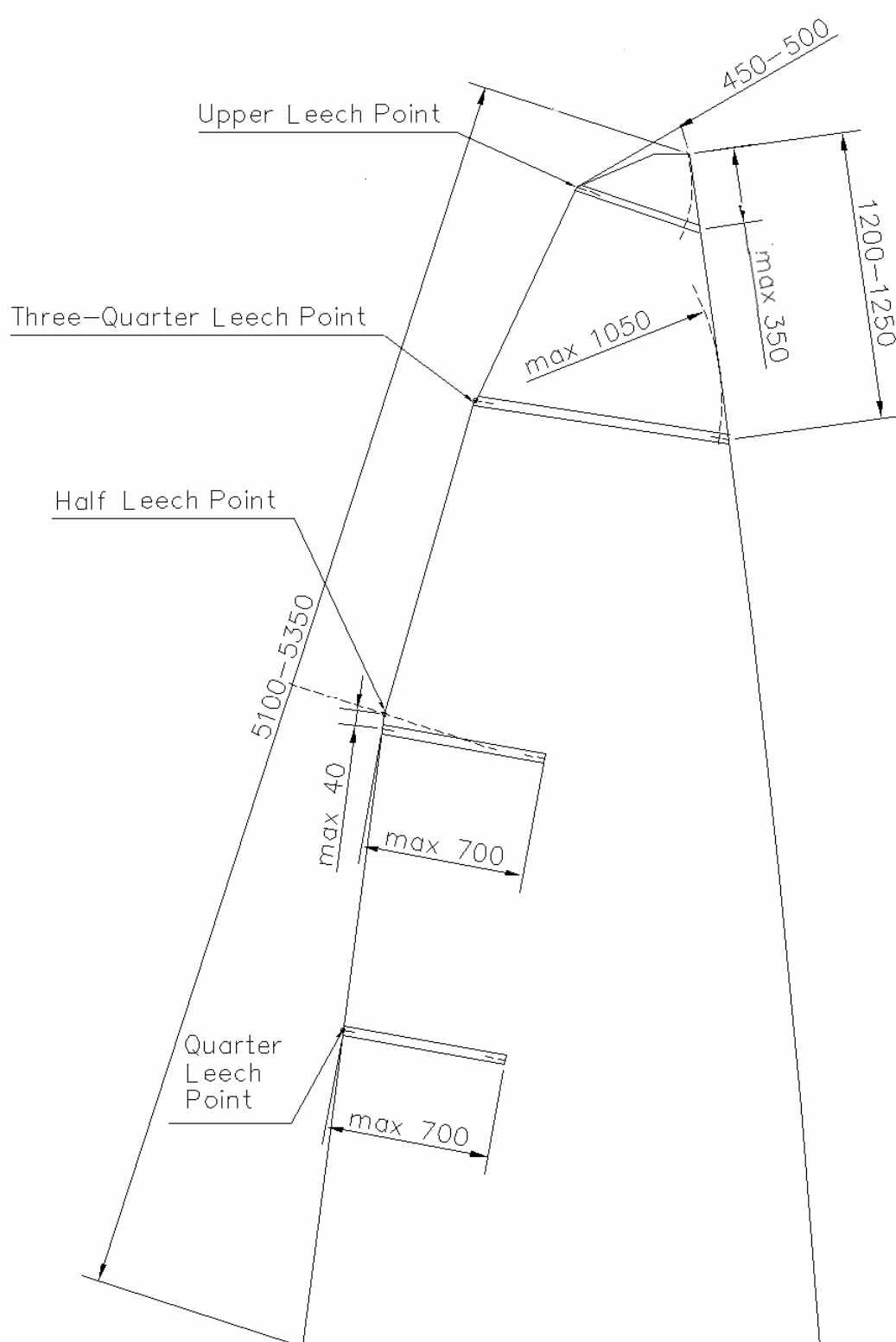
- (a) The **ply** fibres shall be made of polyester.
- (b) Battens shall be made of any material.
- (c) The boltrope shall be made of synthetic fibre and not be shockcord.

### G.3.3 CONSTRUCTION

- (a) The construction shall be: **soft sail, single ply sail**.
- (b) The **body of the sail** shall consist of the same **woven ply** throughout, except for the window.
- (c) The **sail** shall have a minimum of three (3) and a maximum of four (4) **batten pockets** in the **leech**.
- (d) The following are permitted: Stitching, glues, tapes, bolt ropes, three corner eyes, headboard with fixings, Cunningham eye or attachment, Cunningham rope, **batten pocket patches**, batten pocket elastic, batten pocket end caps, mast and boom slides, one **window**, tell tales, sail shape indicator stripes, tensioning devices at leech end of the two upper battens, leech lines.
- (e) The **leech** shall not extend aft of straight lines between:
  - (1) the **aft head point** and the intersection of the **leech** and the upper edge of the nearest **batten pocket**,
  - (2) the intersection of the **leech** and the lower edge of a **batten pocket** and the intersection of the **leech** and the upper edge of an adjacent **batten pocket** below,
  - (3) the **clew point** and the intersection of the **leech** and the lower edge of the nearest **batten pocket**.
- (f) The **leech** shall be edged by a **tabling**.

## G.3.4 DIMENSIONS

	<b>Minimum</b>	<b>Maximum</b>
<b>Leech length</b>	5100 mm	5350 mm
<b>Three-quarter width</b>		1050 mm
Extension of headboard from <b>head point</b>		140mm
<b>Foot length</b>		2200 mm
<b>Primary reinforcement</b>		305 mm
<b>Secondary reinforcement</b>		915 mm
<b>Flutter patch</b>		120 mm
<b>Chafing patch</b>		300 mm
<b>Batten pocket patch</b>		175 mm
<b>Tabling width</b>		30 mm
Distance from <b>clew point</b> to <b>foot</b> bolt rope		300 mm
Distance from <b>tack point</b> to <b>foot</b> bolt rope		300 mm
Diameter of bolt rope		7 mm
<b>Seam width</b>		30 mm
<b>Window area</b>		0.15 m <sup>2</sup>
<b>Window to sail edge</b>	150 mm	
Extension of headboard from <b>head point</b>		150 mm
<b>Outside batten pocket length: quarter leech point and half leech point battens pockets</b>		700 mm
<b>Outside batten pocket width</b>		40 mm
Distance from <b>head point</b> to intersection of <b>leech</b> and lower edge of <b>upper leech point batten pocket</b> for sails with 4 battens	450 mm	500 mm
Distance from <b>head point</b> to intersection of <b>luff</b> and centreline of <b>upper leech point batten pocket</b> for sails with 4 battens		350 mm
Distance from <b>clew point</b> to intersection of <b>leech</b> and centreline of <b>quarter leech point batten pocket</b>		1300 mm
Distance from <b>head point</b> to intersection of <b>luff</b> and centreline of <b>three-quarter leech point batten pocket</b>	1200 mm	1250 mm
Distance from the intersection of the centreline of the <b>batten pockets</b> and their closest leech points		40 mm





## G.4 HEADSAIL

### G.4.1 MATERIALS

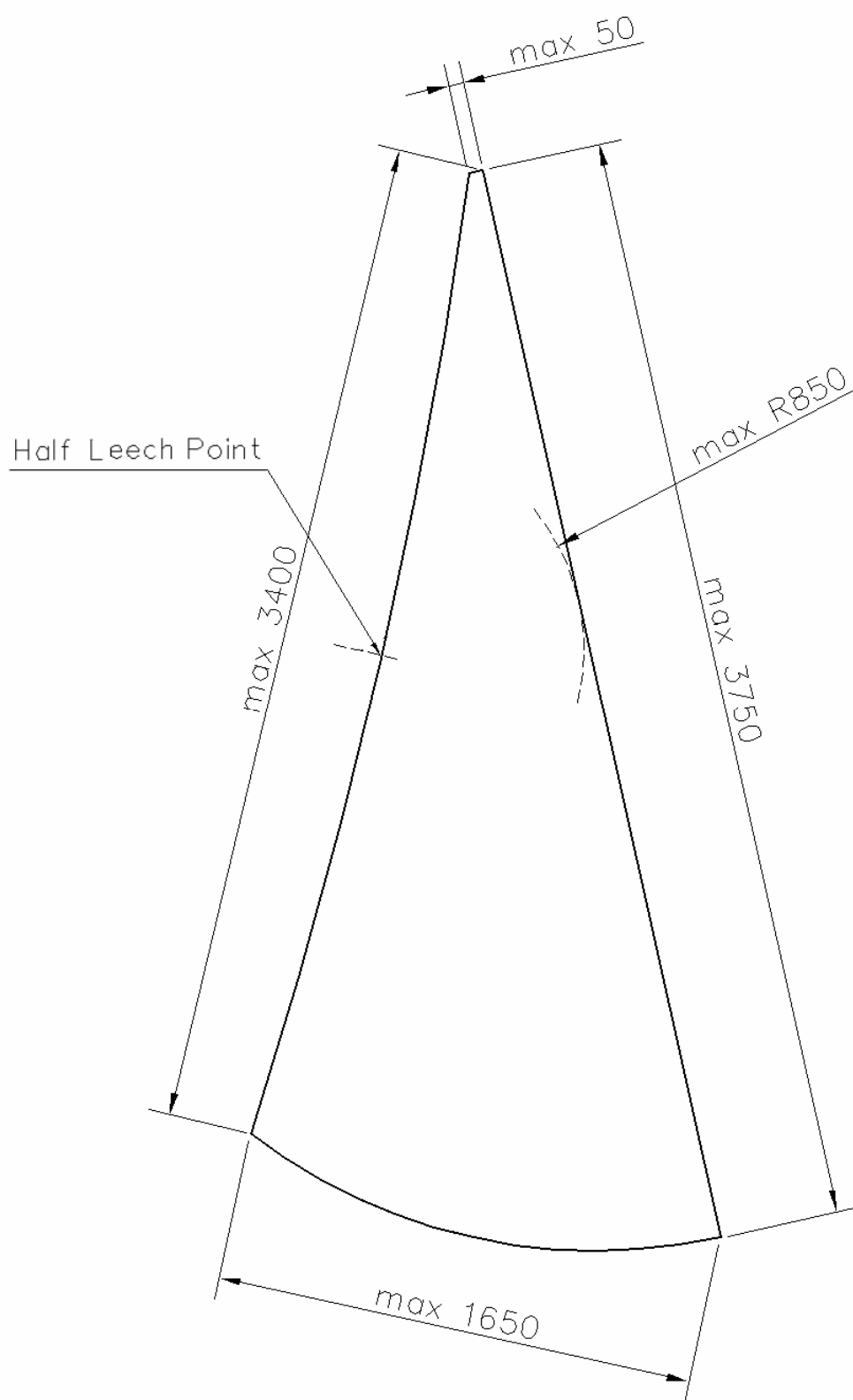
- (a) The **ply** fibres shall be made of polyester.
- (b) The **luff** wire shall be made of a minimum of 7 strand stainless steel wire

### G.4.2 CONSTRUCTION

- (a) The construction shall be: **soft sail, single ply sail**.
- (b) The **body of the sail** shall consist of the same **woven ply** throughout, except for the **window**.
- (c) The following are permitted: stitching, glues, tapes, corner eyes, hanks, tell tales, flutter patches, one **window**, sail shape indicator stripes, leech lines.
- (d) The **leech** shall not extend beyond a straight line from the **aft head point** to the **clew point**.
- (e) The **leech** and the **foot** shall be edged by a **tabling**.

### G.4.3 DIMENSIONS

	Minimum	Maximum
<b>Luff length</b>		3750 mm
<b>Leech length</b>		3400 mm
<b>Foot length</b>		1650 mm
<b>Half width</b>		850 mm
<b>Top width</b>		50 mm
<b>Foot irregularity</b>		10 mm
<b>Primary reinforcement</b>		260 mm
<b>Secondary reinforcement</b>		780 mm
<b>Chafing patch</b>		300 mm
<b>Window area</b>		0.15 m <sup>2</sup>
Distance from <b>window</b> to <b>sail edge</b>	150 mm	
Luff wire diameter	2.5 mm	
<b>Seam width</b>		30 mm
<b>Tabling width</b>		30 mm



## G.5 SPINNAKER

### G.5.1 MATERIALS

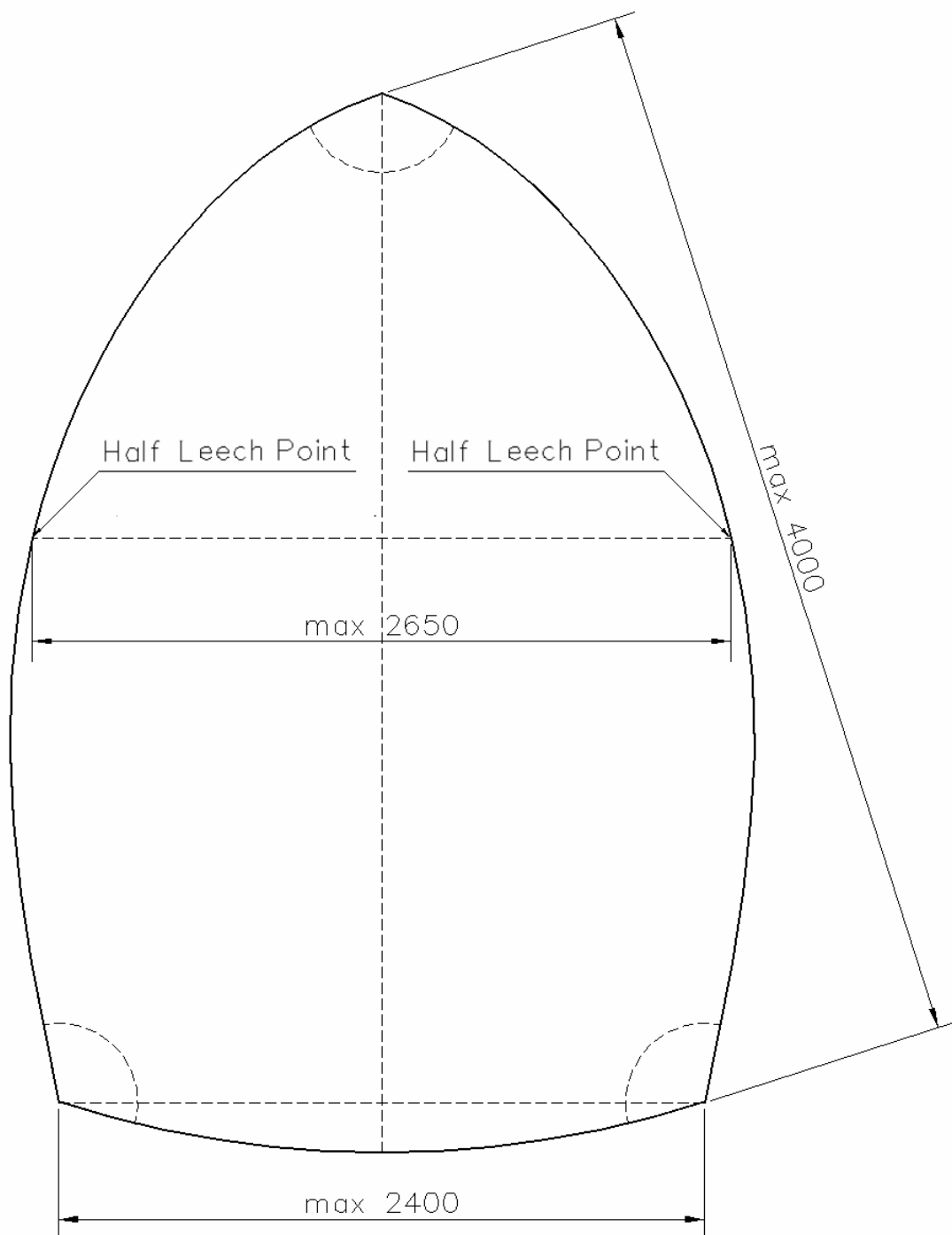
- (a) The **ply** fibres shall be made of polyester or nylon.

### G.5.2 CONSTRUCTION

- (a) The construction shall be: **soft sail, single ply sail**.
- (b) The **body of the sail** shall consist of the same **woven ply** throughout.
- (c) The following are permitted: Stitching, glues, tapes, corner eyes, recovery line eyes, tell tales.
- (d) The **leeches** and the **foot** shall be edged by a **tabling**.

### G.5.3 DIMENSIONS

	Minimum	Maximum
<b>Leech length</b>		4000 mm
<b>Foot length</b>		2400 mm
<b>Half width</b>		2650 mm
Weight of <b>ply</b> of the <b>body of the sail</b>		Optional
<b>Primary reinforcements</b>		260 mm
<b>Secondary reinforcements</b>		780 mm
<b>Tabling width</b>		30 mm
<b>Seam width</b>		30 mm



Effective : ?? ??? 2008