

Wayfarer sail measurement forms effective April 2011

SECTION G - SAILS

G.1 Parts

G.1.1 Mandatory

- (a) **Mainsail**
 - (b) Headsail
- #### G.1.2 Optional
- (a) Spinnaker
 - (b) Gennaker

G.2 General

G.2.1 Rules

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

- (b) The Section G - Sails **class rules** are **Closed Class Rules**. Certification control and equipment inspection shall be carried out in accordance with the Equipment Rules of Sailing (ERS) except where varied.

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) The ISAF or an MNA or an NCA may appoint one or more **In-House Official Measurers** to measure and **certify sails** produced by that manufacturer.

G.2.3 Sailmaker

- (a) No licence is required.

G.3 MAINSAIL MEASUREMENT FORM

G.3.1 IDENTIFICATION

- (a) The class insignia – a stylised W with wing - shall conform with the dimensions as detailed in the diagram contained in Section H and be placed on both sides of the sail with the wing towards the **leech**.
- (b) On white **sails** the class insignia shall be red. On other coloured **sails** it shall be of a contrasting colour to the **sail**.
- (c) The sail number shall comply with the RRS. They shall be positioned below the class insignia and above the upper of the two lower battens.
- (d) National letters are optional.

G.3.2 MATERIALS

- (a) The **ply** fibres shall consist of polyester.
- (b) **Stiffening** shall consist of:
Cornerboards – plastic or aluminium
Battens – wood or GRP.
- (c) **Sail reinforcement** shall consist of woven polyester.

G.3.3 CONSTRUCTION

- (a) The construction shall be: **soft sail, single ply sail**.
- (b) The **body of the sail** shall consist of **woven ply** throughout.
- (c) The **sail** shall have a maximum of 4 batten **pockets** in the **leech**.
- (d) The following are permitted: Stitching, glues, tapes, bolt ropes, corner eyes, headboard with fixings, Cunningham eye or pulley, **batten pocket patches**, batten pocket elastic, mast and boom slides, two **windows**, tell tales, sail shape indicator stripes, leech lines together with their fastenings and items as permitted or prescribed by other applicable **rules**.
- (e) The **sail** may have **head buoyancy** fitted. It shall:
 - (1) extend a maximum of 967 from the **head point**,
 - (2) be a patch on one side of the **sail** forming an opening self draining pocket
 - (3) not extend the **leech** in any way.
 - (4) contain only buoyancy material.

G.3.4 DIMENSIONS

MAINSAIL	Minimum dimension	Maximum dimension	Comply?
Leech length		6575 mm	
Half width		1990mm	
Three-quarter width		1110 mm	
Top width		125 mm	
Primary reinforcement		380 mm	
Secondary reinforcement:			
from sail corner measurement points		900mm	
for flutter patches		135 mm	
for chafing patches		300 mm	
for batten pocket patches		155 mm	
Distance from clew point to foot bolt rope		76 mm	
Distance from tack point to foot bolt rope		305 mm	
Lower window area		800mm x 350mm	
Upper window – near spreader height, long edge vertical		550mm x 300mm	
Window to sail edge	153mm		
Batten pocket length:			
uppermost pocket:			
inside		645mm	
other pockets:			
inside		805 mm	
Batten pocket width:			
inside		40 mm	
Head point to intersection of leech and centreline of uppermost batten pocket	1280 mm	1380 mm	
Clew point to intersection of leech and centreline of lowermost batten pocket	1300mm	1400mm	

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G.4 HEADSAIL MEASUREMENT FORM

G.4.1 MATERIALS

- (a) The **ply** fibres shall consist of polyester.
- (c) **Sail reinforcement** shall consist of woven polyester.

G.4.2 CONSTRUCTION

- (a) The construction shall be: **soft sail, single ply sail**.
- (b) The **body of the sail** shall consist of **woven ply** throughout.
- (c) The **leech** shall not extend beyond a straight line from the aft **head point** to the **clew point**.
- (d) The following are permitted: Stitching, glues, tapes, corner eyes, hanks, one **window**, tell tales, sail shape indicator stripes and items as permitted or prescribed by other applicable *rules*.

G.4.3 DIMENSIONS

HEADSAIL	Minimum dimension	Maximum dimension	Comply?
Luff length		4170 mm	
Leech length		4040 mm	
Foot length		2270 mm	
Foot median		4115 mm	
Top width		40 mm	
Primary reinforcement		325 mm	
Secondary reinforcement:			
from sail corner measurement points		950 mm	
for flutter patches		200 mm	
for chafing patches		600mm x 100mm	
Window area		800mm x 350mm	
Window to sail edge	153mm		

G.6 SPINNAKER MEASUREMENT FORM

G.6.1 IDENTIFICATION

- (a) The sail numbers are optional but if used shall comply with the RRS.
- (b) National letters are optional but if used shall comply with the RRS.

G.6.2 MATERIALS

- (a) The **ply** fibres shall consist of Nylon.
- (b) **Sail reinforcement** shall consist of woven fabric.

G.6.3 CONSTRUCTION

- (a) The construction shall be: **soft sail, single ply sail**.
- (b) The **body of the sail** shall consist of **woven ply** throughout.
- (c) The following are permitted: Stitching, glues, tapes, corner eyes, recovery line eyes, tell tales and items as permitted or prescribed by other applicable *rules*.

G.6.4 DIMENSIONS

SPINNAKER	Minimum dimension	Maximum dimension	Comply?
Leech length and luff length		4750 mm	
Foot length		3375 mm	
Foot Median		4900 mm	
Difference between diagonals		50 mm	
Half width		3360 mm	
Primary reinforcement		350 mm	
Secondary reinforcement:			
from sail corner measurement points		600 mm	
for recovery line point, max 2		300mm x 300mm	