

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**.

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

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

	minimum	maximum
Leech length	-	6575 mm
Half width	-	1990 mm
Three-quarter width	-	1110 mm
Top width	-	125 mm
Primary reinforcement	-	380 mm
Secondary reinforcement:		
from sail corner measurement points	-	900 mm
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	-	800 mm
		x 350 mm
Upper window – near spreader height, long edge vertical	-	550 mm
		x 300 mm
Window to sail edge	-	153 mm
Batten pocket length:		
uppermost pocket:		
inside	-	645 mm

	minimum	maximum
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	1300 mm	1400 mm

G.4 HEADSAIL

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

	minimum	maximum
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	-	600 x 100 mm
Window area	-	800mm x 350 mm
Window to sail edge	-	153 mm

G.5 NOT IN USE

G.6 SPINNAKER

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

	minimum	maximum
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	-	300 x 300 mm