

Section G – Sails

G.1 GENERAL

G.1.1 RULES

Sails shall comply with the current **class rules**.

G.1.2 CERTIFICATION

- (a) The **official measurer** shall **certify** mainsails and jibs in the **tack** and spinnakers in the **head** and date the **certification mark** with the date of **certification control** of the sail.
- (b) An ISAF In-House Certification (IHC) Authorizing Authority may appoint one or more Internal Official Measurers at a sailmaker to measure and certify sails produced by that manufacturer in accordance with the ISAF guidelines.
- (c) The weight in gsm of the **body of the sail** shall be indelibly marked in the **tack** in mainsails and jibs by the sailmaker, together with the date and his signature or stamp.
- (d) Sailmaker Cloth Declaration Spinnakers:
 - (i) For spinnakers **certified** from the 15th November 2007 a sailmakers cloth declaration shall be in the **head** of the sail. The declaration shall contain the date, sailmaker's signature and name in block capitals, cloth type and a unique serial number.
 - (ii) For spinnakers **certified** before the 15th November 2007 the sail cloth weight in gsm of the **body of the sail** shall be indelibly marked in the **head** by the sailmaker, together with the date and his signature or stamp.

G.1.3 IYA SAIL ROYALTY LABEL

The official numbered IYA sail label shall be permanently attached in the **tack** in mainsails and jibs and in the **head** in spinnakers. Sail labels shall be obtained from the NYA, or in the case of difficulty from the IYA, and shall not be reused. For sails **certified** after the 1st March, 2011 the blue IYA sail label shall be used.

G.1.4 SAILMAKERS

Sailmaker is optional.

G.2 MAINSAIL

G.2.1 IDENTIFICATION

The class insignia shall comply with Class Rule Appendix 2 and the RRS Appendix G.

G.2.2 CONSTRUCTION

- (a) The construction shall be: **Soft sail, single ply sail**.

- (b) Except within 250mm of the foot, the **body of the sail**, shall consist of the same **woven ply** throughout. The **ply** fibres shall be of polyester.
- (c) There shall be three **batten pockets** extending to the **leech**.
- (d) 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**.
- (e) For reefing points at less than 1065 mm from the clew, tack or each other the reinforcement shall be separated and not overlap.
- (f) The following are permitted: Stitching, glues, tapes, **tabling**, bolt ropes, corner eyes, headboard with fixings, reefing points, adjustment point eye or pulley, **primary reinforcement**, **secondary reinforcement** listed in G.2.3., battens, batten pocket elastic, leech line with a cleat in an optional position, two **windows**, telltales, one **spar** groove slider for each of the **head**, **clew** and **tack**, sail shape indicator stripes, and items permitted or prescribed by other applicable *rules*.

G.2.3 DIMENSIONS

	minimum	maximum
Leech length	7200 mm	
Quarter width	2220 mm	
Half width	1660 mm	
Three-quarter width	960 mm	
Top width	155 mm	
Weight of ply of the body of the sail	180 gr/m ²	
Primary reinforcement	355 mm	
Secondary reinforcement:		
from sail corner measurement points	1065 mm	
for two chafing patches each.....	300 mm	
for batten pockets patches	300 mm	
for flutter patches	120 mm	
Tabling width	50 mm	
Total window area	0.3 m ²	
Window to sail edge	150 mm	
Extension of headboard from head point	145 mm	
Batten pocket length:		
uppermost pocket:		
inside	530 mm	
outside	560 mm	
other pockets:		
inside	730 mm	
outside	760 mm	

Batten pocket width:

inside	60 mm
outside	90 mm

Head point to intersection of **leech** and centreline

of uppermost **batten pocket** 1780 mm

Clew point to intersection of **leech** and centreline

of lowermost **batten pocket** 1780 mm

G.3 JIB

G.3.1 RULES

(a) As an exception to ERS H.5.1 a jib shall be measured with battens in place.

G.3.2 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. The **ply** fibres shall be of polyester.

(c) There shall be two **batten pockets** in the **leech**.

(d) The **leech** shall not extend outside a straight line from the **aft head point** to the **clew point**.

(e) The following are permitted: Stitching, glues, tapes, **tabling**, bolt rope, non adjustable luff line permanently attached at both the head and tack, corner eyes, hanks, **primary reinforcement**, **secondary reinforcement** listed in G..3.3., battens, batten pockets elastic, foot and leech lines with optional cleats, two **windows**, telltales, sail shape indicator stripes and items permitted or prescribed by other applicable *rules*..

G.3.3 DIMENSIONS

	minimum	maximum
Luff length	5700 mm	
Leech length	5150 mm	5300 mm
Luff perpendicular	1870 mm	
Foot length	1950 mm	
Foot median	5620 mm	
Top width	35 mm	
Foot irregularity	20 mm	
Weight of the ply of the body of the sail	180 gr/m ²	
Primary reinforcement	320 mm	
Secondary reinforcement:		
from sail corner measurement points	960 mm	
for flutter patches	300 mm	
for batten pockets patches	300 mm	
Tabling width	50 mm	
Total window area	0.3 m ²	
Window to sail edge	150 mm	
Batten pocket length:		

inside	280 mm
outside	310 mm
Batten pocket width:	
inside	60 mm
outside	90 mm
The distance between the head point and the intersection of the leech and centreline of the upper batten pocket	1730 mm
The distance between the clew point and the intersection of the leech and centreline of the lower batten pocket	1730 mm

G.4 SPINNAKER

G.4.1 CONSTRUCTION

- (a) The construction shall be: **Soft sail, single ply sail.**
- (b) Sailmaker Cloth:
 - (i) For sails **certified** from the 15th November 2007 the **body of the sail** shall consist of the same sailcloth type throughout, which shall be on the list of approved cloths in Appendix 1.
 - (ii) For sails **certified** before the 15th November 2007 the **body of the sail** shall consist of the same **woven** **ply** throughout. The **ply** fibers shall be of polyester or polyamide and the cloth weight shall be a minimum of 38 g/m², or conform with G.4.1(b) (i)
- (c) The following are permitted: Stitching, glues, tapes, **tabling**, corner eyes, **primary reinforcement**, **secondary reinforcement** listed in G.4.2, telltales and items permitted by other applicable *rules*.

G.4.2 DIMENSIONS

	minimum	maximum
Leech lengths	5600 mm	5800 mm
Foot length	4000 mm	
Foot median	6600 mm	
Quarter width	4700 mm	
Half width	4200 mm	
Three-quarter width	2300 mm	
Difference between diagonals	20 mm	
Weight of the ply of the body of the sail	38 gr/m ²	
Primary reinforcement	320 mm	
Secondary reinforcement from sail corner measurement points	960 mm	
Tabling width	50 mm	

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Mainsail and Jib Measurement Diagram

Appendix 7 2011

In the case of conflict, the written class rules take precedence over this Appendix

