

# INTERNATIONAL OPTIMIST CLASS

## Sail Measurement Form

Sailmaker's name: \_\_\_\_\_ Date manufactured: \_\_\_\_\_

Sail button number: \_\_\_\_\_ Date measured: \_\_\_\_\_

Owner's Name: \_\_\_\_\_

Measurer's Name IN BLOCK CAPITALS: \_\_\_\_\_

ITEM	Dimension no [as per rule 6.4]	MEASUREMENT	Min. (mm)	Actual (mm)	Max. (mm)
1	2	Head length			1240
2	6	Luff length			1730
3	9	Upper edge of luff measurement band to throat point			600
4	8	Length of luff measurement band	60		
5	7	Width of luff measurement band	5		
6	3	Diagonal	2450		2580
7	1	Leech length			2800
8	22	Peak point to intersection of leech and lower corner of lowermost batten pocket	1850		1950
9	21	Peak point to intersection of leech and lower corner of uppermost batten pocket	900		1000
10	25	Deviation from straight line between lower corner of lower batten pocket and clew point	-10		5
11	24	Deviation from straight line between lower edge of top batten pocket and upper edge of lower batten pocket	-10		5
12	26	Deviation from straight line between the lower corner of the upper batten pocket and clew point	-5		20
13	23	Deviation from straight line between peak point and upper corner of upper batten pocket	-10		5
14		Half luff point to half leech point			
15	4	Item 14 plus positive value of any negative deviation in Item 11			1700
16	19	Upper batten pocket length (outside) Lower batten pocket length (outside)		OK / Not OK OK / Not OK	460 550
17	20	Batten pocket width (outside)		Both OK / Not OK	40
18	14	Flutter patches			150
19	11	Primary reinforcements from corner measurement points		All OK / Not OK	205
20	12	Secondary reinforcements from corner measurement points		All OK / Not OK	615
21	13	Batten pocket patches at inner end of each batten pocket: smaller larger	160	OK / Not OK OK / Not OK	150 200
22	15	Tabling width		All OK / Not OK	40
23	16	Seam width		All OK / Not OK	15
24	10	Thickness of woven ply anywhere in the body of the sail	0.15		
25	17	Trapezoidal window opening area			0.1 m2
26	18	Shortest distance from window to any edge of sail	150		
27	27	Space between luff eyelets	230	All OK / Not OK	260
28	28	Space between foot eyelets	270	All OK / Not OK	300

Measurer's signature: \_\_\_\_\_ Date: \_\_\_\_\_ Measurer recognised by: \_\_\_\_\_



## Sail Measurement Form

### National Letters and Sail Numbers

SAIL NUMBER: \_\_\_\_\_

ITEM	Dimension no [as per rule 6.5.1]	MEASUREMENT	Min. (mm)	Actual (mm)	Max. (mm)
1	1	Height	230	All OK / Not OK	240
2	2	Width (except "1" or "l")	150	All OK / Not OK	160
3	3	Width for M and W	160	All OK / Not OK	170
4	4	Thickness	30	All OK / Not OK	40
5	5	Space between adjoining numbers or letters	40	All OK / Not OK	50
6	6	Space between rows of numbers or letters	40	All OK / Not OK	50
7	7	Space between the national letter groups on opposite sides of the sail	100		150
8	8	Distance between the luff and the closest letter or number in each row	150		
9	9	Distance between lower edge of uppermost batten pocket and the national letter which is closest to the leech	40		50
10	RRS G1.2(b)	Minimum space between characters and edge of sail (leech)	45	All OK / Not OK	

Measurer's Name IN BLOCK CAPITALS: \_\_\_\_\_

Measurer's signature: \_\_\_\_\_ Date: \_\_\_\_\_ Measurer recognised by: \_\_\_\_\_

### Second Measurement

#### If the sail letters/number is changed

SAIL NUMBER: \_\_\_\_\_

Owner's Name: \_\_\_\_\_

ITEM	Dimension no [as per rule 6.5.1]	MEASUREMENT	Min. (mm)	Actual (mm)	Max. (mm)
1	1	Height	230	All OK / Not OK	240
2	2	Width (except "1" or "l")	150	All OK / Not OK	160
3	3	Width for M and W	160	All OK / Not OK	170
4	4	Thickness	30	All OK / Not OK	40
5	5	Space between adjoining numbers or letters	40	All OK / Not OK	50
6	6	Space between rows of numbers or letters	40	All OK / Not OK	50
7	7	Space between the national letter groups on opposite sides of the sail	100		150
8	8	Distance between the luff and the closest letter or number in each row	150		
9	9	Distance between lower edge of uppermost batten pocket and the national letter which is closest to the leech	40		50
10	RRS G1.2(b)	Minimum space between characters and edge of sail (leech)	45	All OK / Not OK	

Measurer's Name IN BLOCK CAPITALS: \_\_\_\_\_

Measurer's signature: \_\_\_\_\_ Date: \_\_\_\_\_ Measurer recognised by: \_\_\_\_\_