

FORM #

# 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: \_\_\_\_\_

S.V. BALACHANDER

ITEM	Dimension no [as per rule 6.4]	MEASUREMENT	Min. (mm)	Actual (mm)	Max (mm)
1	2	Head length		1228	1240
2	6	Luff length		1726	1730
3	9	Upper edge of luff measurement band to throat point		593	600
4	8	Length of luff measurement band	60	76	
5	7	Width of luff measurement band	5	5	
6	3	Diagonal	2450	2523	2580
7	1	Leech length		2793	2800
8	22	Peak point to intersection of leech and lower corner of lowermost batten pocket	1850	1905	1950
9	21	Peak point to intersection of leech and lower corner of uppermost batten pocket	900	905	1000
10	25	Deviation from straight line between lower corner of lower batten pocket and clew point	-10	-6	5
11	24	Deviation from straight line between lower edge of top batten pocket and upper edge of lower batten pocket	-10	-3	5
12	26	Deviation from straight line between the lower corner of the upper batten pocket and clew point	-5	-5	20
13	23	Deviation from straight line between peak point and upper corner of upper batten pocket	-10	-3	5
14		Half luff point to half leech point		1689	
15	4	Item 14 plus positive value of any negative deviation in item 11		1691 <del>1689</del>	1700
16	19	Upper batten pocket length (outside)		OK / <del>Not OK</del>	460
		Lower batten pocket length (outside)		OK / <del>Not OK</del>	550
17	20	Batten pocket width (outside)		Both OK / <del>Not OK</del>	40
18	14	Flutter patches			150
19	11	Primary reinforcements from corner measurement points		All OK / <del>Not OK</del>	205
20	12	Secondary reinforcements from corner measurement points		All OK / <del>Not OK</del>	615
21	13	Batten pocket patches at inner end of each batten pocket:			
		smaller		OK / <del>Not OK</del>	150
		larger	160	OK / <del>Not OK</del>	200
22	15	Tabling width		All OK / <del>Not OK</del>	40
23	16	Seam width		All OK / <del>Not OK</del>	15
24	10	Thickness of woven part of the body of the sail	0.15		
25	17	Trapezoidal window opening area		0.05	0.1 m2
26	18	Shortest distance from window to any edge of sail	150	234	
27	27	Space between luff eyelets	230	All OK / <del>Not OK</del>	260
28	28	Space between luff eyelets	270	All OK / <del>Not OK</del>	300

Measurer's signature: \_\_\_\_\_

Balu

Date: 20/8/17

Measurer recognised by: \_\_\_\_\_

IOPA

## Sail Measurement Form National Letters and Sail Numbers

SAIL NUMBER: 1943

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 "I")	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

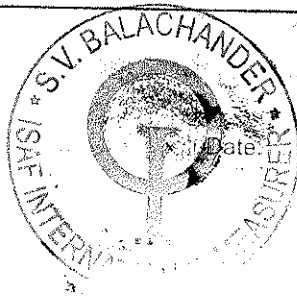
SAIL NUMBER: .....

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 "I")	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: .....

1943