



FORM #

INTERNATIONAL OPTIMIST CLASS

Sail Measurement Form

Sailmaker's name: Hyde Date manufactured: _____Sail button number: #09200 Date measured: 21.12.18

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		1230	1240
2	6	Luff length		1705	1730
3	9	Upper edge of luff measurement band to throat point		592	600
4	8	Length of luff measurement band	60	65	
5	7	Width of luff measurement band	5	6	
6	3	Diagonal	2450	2515	2580
7	1	Leech length		2784	2800
8	22	Peak point to intersection of leech and lower corner of lowermost batten pocket	1850	1913	1950
9	21	Peak point to intersection of leech and lower corner of uppermost batten pocket	900	957	1000
10	25	Deviation from straight line between lower corner of lower batten pocket and clew point	-10	-3	5
11	24	Deviation from straight line between lower edge of top batten pocket and upper edge of lower batten pocket	-10	-4	5
12	26	Deviation from straight line between the lower corner of the upper batten pocket and clew point	-5	+8	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		1688	
15	4	Item 14 plus positive value of any negative deviation in Item 11		1692	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	0.15	
25	17	Trapezoidal window opening area		0.043	0.1 m2
26	18	Shortest distance from window to any edge of sail	150	174	
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: Bala Date: 21.12.18 Measurer recognised by: IOBA

Sail Measurement Form

National Letters and Sail Numbers

SAIL NUMBER: IND 1549

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	142	150
8	8	Distance between the luff and the closest letter or number in each row	150	408	
9	9	Distance between lower edge of uppermost batten pocket and the national letter which is closest to the leech	40	46	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: S. V. BALACHANDER

Measurer's signature: Bala Date: 21.12.18 Measurer recognised by: IODA

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: _____