

Genoa: 6001208 Mario-2 Genoa.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6001208 Mario\6001208 Mario-2 Genoa.des

Initial Design Date: 22/12/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	7.010m
Leech geodesic:	6.318m
Foot geodesic:	3.357m
Headboard width:	0.030m
Luff perpendicular (HLP):	3.052m
Upper width (HUW):	0.362m
Three-quarter width (HTW):	0.704m
Half width (HHW):	1.441m
Quarter width (HQW):	2.236m
Foot median:	6.580m
ORC Headsail area:	10.408m?
IRC Headsail area:	10.379m?
Surface area:	10.559m?
Forestay height:	6.706m
J:	2.261m

Luff Slides

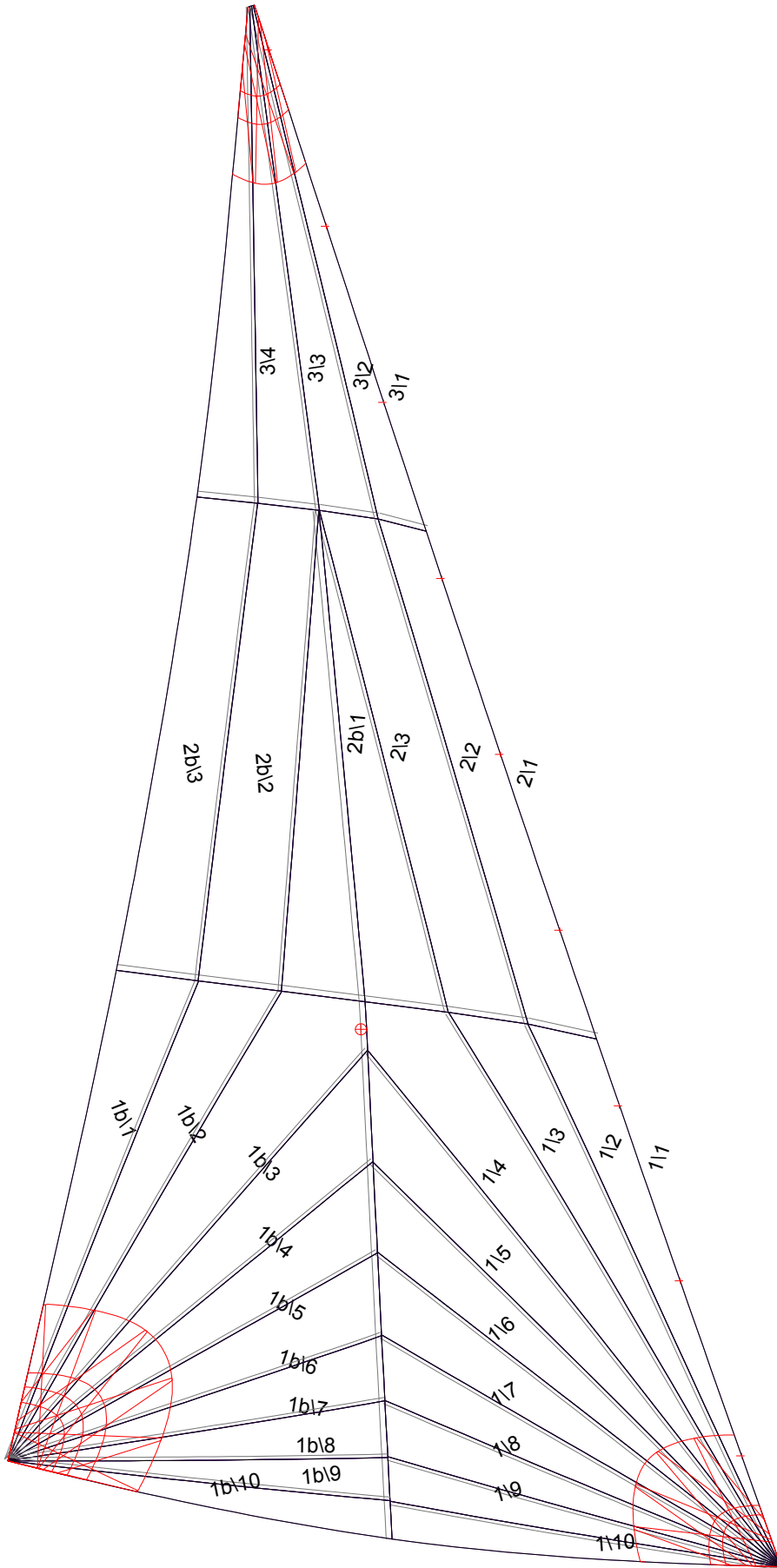
- 1, Position: 0.500m
- 2, Position: 1.289m
- 3, Position: 2.077m
- 4, Position: 2.866m
- 5, Position: 3.655m
- 6, Position: 4.444m
- 7, Position: 5.233m
- 8, Position: 6.021m
- 9, Position: 6.810m

Luff Curve

7.009m,	0.000m
5.257m,	0.030m
3.505m,	0.040m
1.752m,	0.030m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.164m])		Before BSeam
100% (7.009m) :	0.000m	0.000m
90% (6.308m) :	-0.013m	0.006m
80% (5.608m) :	-0.026m	0.012m
70% (4.907m) :	-0.035m	0.018m
60% (4.206m) :	-0.041m	0.023m
50% (3.505m) :	-0.043m	0.027m
40% (2.804m) :	-0.043m	0.030m
30% (2.103m) :	-0.038m	0.030m
20% (1.402m) :	-0.029m	0.026m
10% (0.700m) :	-0.016m	0.015m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3	0.025m	0.015m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	3.21
Radial/Vertical	52.96
Bi-Radial Split	4.58

Materials

Material	Area (m ²)	Panels
Material 1	10.57	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 2\1,2\2,2\3,2b\1,2b\2 2b\3,3\1,3\2,3\3,3\4