

Genoa: 6000514-Genoa-2 -26.5m2-V2.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6000514 Manuel\6000514-Genoa-2 -26.5m2-V2.des

Initial Design Date: 19/5/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic: 13.300m
 Leech geodesic: 12.890m
 Foot geodesic: 4.079m
 Headboard width: 0.035m
 Luff perpendicular (HLP): 3.960m
 Upper width (HUW): 0.498m
 Three-quarter width (HTW): 0.968m
 Half width (HHW): 1.960m
 Quarter width (HQW): 2.967m
 Foot median: 13.081m
 ORC Headsail area: 26.224m?
 IRC Headsail area: 26.185m?
 Surface area: 26.482m?
 Forestay height: 13.170m
 J: 3.600m

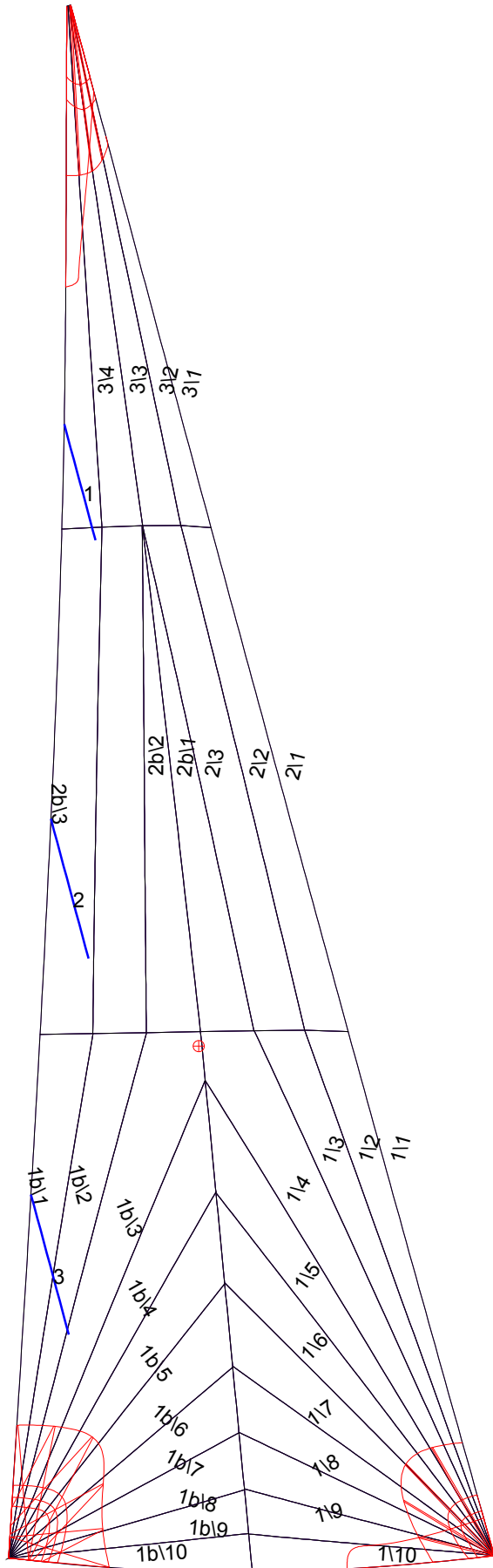
Battens

Position	Length	Roach	Angle	Luff	Leech	Full
75.000%	1.000m	-0.077m	162.568?	182.247m	9.644m	
50.000%	1.200m	-0.094m	162.568?	370.932m	6.430m	
25.000%	1.200m	-0.063m	162.568?	559.618m	3.215m	

Luff Curve

Position	Length	Fanned Luff (@ 5.00% [0.201m])	Before BSeam
13.300m,	0.000m	100% (13.300m) :	-0.000m 0.000m
9.975m,	0.034m	90% (11.969m) :	-0.014m 0.015m
6.650m,	0.045m	80% (10.640m) :	-0.027m 0.031m
3.325m,	0.034m	70% (9.310m) :	-0.037m 0.045m
0.000m,	0.000m	60% (7.980m) :	-0.043m 0.056m
		50% (6.650m) :	-0.046m 0.060m
		40% (5.320m) :	-0.046m 0.058m
		30% (3.990m) :	-0.042m 0.049m
		20% (2.660m) :	-0.032m 0.035m
		10% (1.329m) :	-0.018m 0.017m
		0% (0.000m) :	0.000m 0.000m

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Seam Allowances

	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	4.04
Radial/Vertical	89.20
Bi-Radial Split	8.92

Materials

Material	Area (m ²)	Panels
Material 1	26.53	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