Genoa: 6000315 Kasper.des

Design Info
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Design File:
E:\Dropbox\Fareast Sails\2022 Order\6000315 Kasper\6000315 Kasper.des

Comments:

Initial Design Date: 24/3/2022
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	10.187m
Leech geodesic:	9.187m
Foot geodesic:	4.323m
Headboard width:	0.040m
Luff perpendicular (HLP):	3.938m
Upper width (HUW):	0.476m
Three-quarter width (HTW):	0.930m
Half width (HHW):	1.908m
Quarter width (HQW):	2.920m
Foot median:	9.597m
ORC Headsail area:	19.730m?
IRC Headsail area:	19.699m?
Surface area:	19.964m?
Forestay height:	10.480m
J:	3.580m

Luff Curve

10.186m,	0.000m
7.894m,	0.044m
5.602m,	0.053m
2.801m,	0.032m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.211m])		Before BSeam
100% (10.186m) :	-0.000m	-0.000m
90% (9.167m) :	-0.021m	0.010m
80% (8.149m) :	-0.040m	0.022m
70% (7.131m) :	-0.051m	0.036m
60% (6.112m) :	-0.055m	0.050m
50% (5.093m) :	-0.054m	0.059m
40% (4.075m) :	-0.048m	0.060m
30% (3.056m) :	-0.040m	0.055m
20% (2.037m) :	-0.029m	0.041m
10% (1.018m) :	-0.016m	0.020m
0% (0.000m) :	0.000m	0.000m

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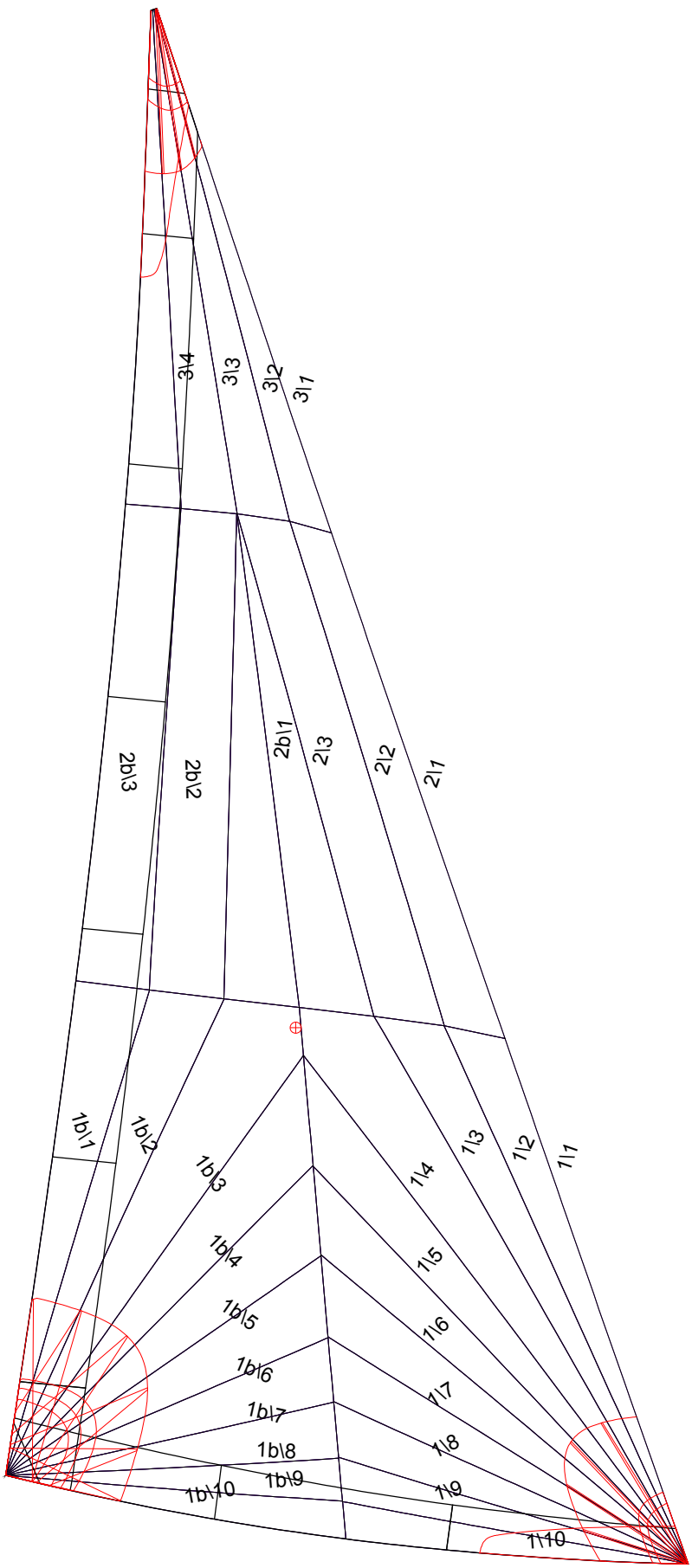

Seam Allowances

	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
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.025m	0.025m	0.025m
Cover 4	0.025m	0.025m	0.025m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.100m	0.070m
Cover 1	0.070m	0.100m	0.070m
Cover 2	0.070m	0.100m	0.070m
Cover 3	0.070m	0.100m	0.070m

Total Seam Lengths (m)

Horizontal	4.22
Radial/Vertical	73.46
Bi-Radial Split	6.60

Materials

Material	Area (m?	Panels
Material 1	20.00	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