Genoa: 6000508.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confrim order\6000508 Maik\6000508.des

Comments:

Initial Design Date: 17/5/2022
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	11.583m
Leech geodesic:	10.225m
Foot geodesic:	5.162m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.602m
Upper width (HUW):	0.551m
Three-quarter width (HTW):	1.087m
Half width (HHW):	2.240m
Quarter width (HQW):	3.427m
Foot median:	10.802m
ORC Headsail area:	26.277m?
IRC Headsail area:	26.213m?
Surface area:	26.666m?
Forestay height:	11.600m
J:	3.540m

Luff Curve

11.582m,	0.000m
8.686m,	0.050m
5.792m,	0.066m
2.895m,	0.050m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.249m])		Before BSeam
100% (11.582m) :	0.000m	-0.000m
90% (10.424m) :	-0.022m	0.016m
80% (9.266m) :	-0.042m	0.033m
70% (8.107m) :	-0.058m	0.050m
60% (6.949m) :	-0.068m	0.063m
50% (5.791m) :	-0.072m	0.069m
40% (4.633m) :	-0.071m	0.067m
30% (3.474m) :	-0.063m	0.058m
20% (2.316m) :	-0.048m	0.042m
10% (1.157m) :	-0.026m	0.020m
0% (0.000m) :	0.000m	0.000m

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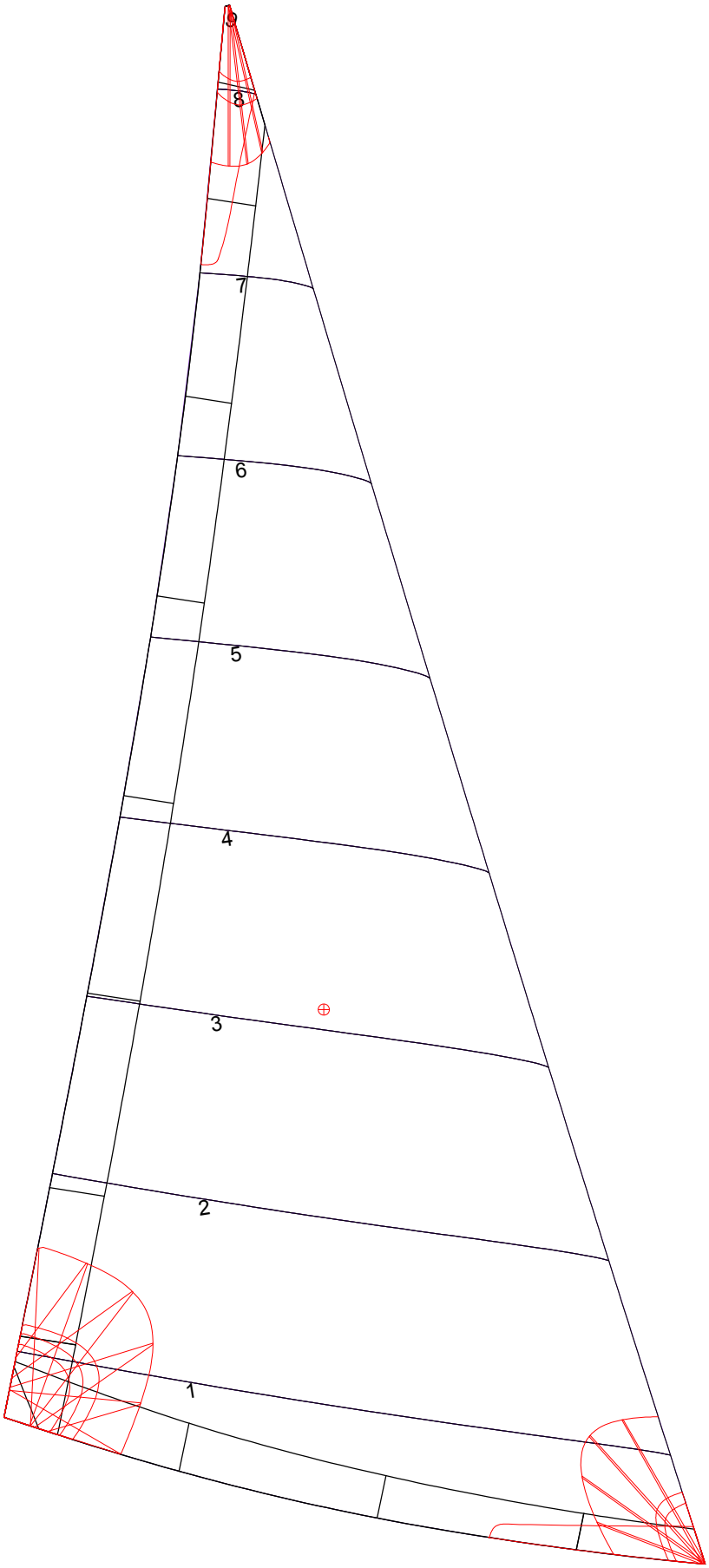

Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	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	20.14
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Material 1	26.73	1,2,3,4,5 6,7,8,9