

Genoa: 8001112 Budimir-2 headsailV1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8001112 Budimir r

Initial Design Date: 6/12/2024
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	8.957m
Leech geodesic:	8.528m
Foot geodesic:	4.937m
Headboard width:	0.033m
Luff perpendicular (HLP):	4.650m
Upper width (HUW):	0.544m
Three-quarter width (HTW):	1.081m
Half width (HHW):	2.230m
Quarter width (HQW):	3.429m
Foot median:	8.541m
ORC Headsail area:	20.376m?
IRC Headsail area:	20.329m?
Surface area:	20.563m?
Forestay height:	8.850m
J:	3.000m

Draft Stripes

1, Luff: 2.971m ; Leech: 2.692m ;
2, Luff: 5.929m ; Leech: 5.559m ;

Luff Curve

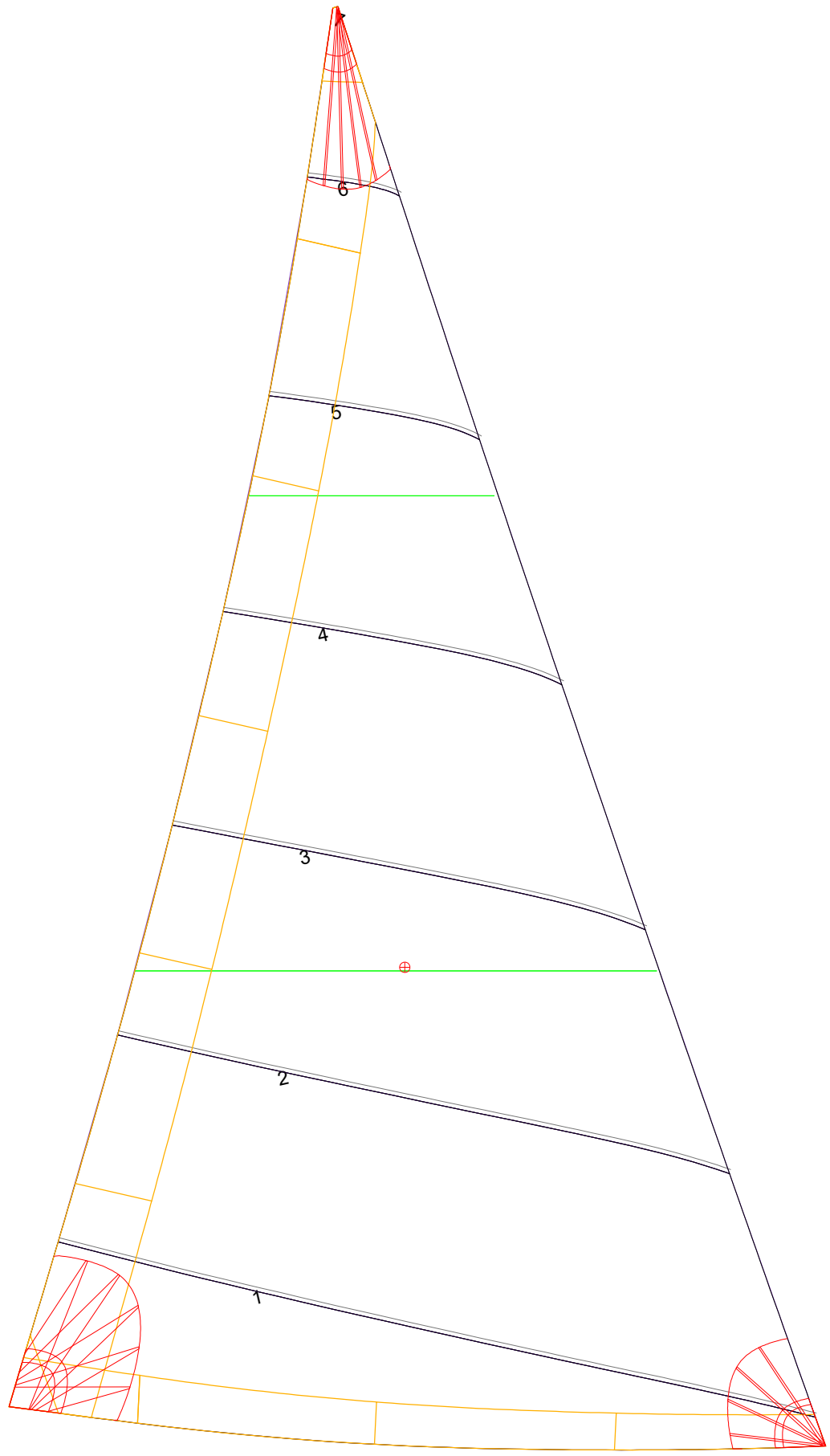
8.956m,	0.000m
7.160m,	0.039m
5.365m,	0.054m
3.574m,	0.049m
1.785m,	0.031m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.241m])

100% (8.956m) :	-0.000m	-0.000m
90% (8.060m) :	-0.020m	0.011m
80% (7.166m) :	-0.038m	0.022m
70% (6.269m) :	-0.050m	0.034m
60% (5.374m) :	-0.055m	0.046m
50% (4.478m) :	-0.055m	0.055m
40% (3.582m) :	-0.052m	0.058m
30% (2.687m) :	-0.045m	0.054m
20% (1.792m) :	-0.033m	0.043m
10% (0.894m) :	-0.018m	0.024m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.025m
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m
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	0.000m	0.070m	0.070m
Cover 1	0.000m	0.070m	0.070m
Cover 2	0.070m	0.070m	0.100m
Cover 3	0.070m	0.100m	0.070m

Total Seam Lengths (m)

Horizontal	15.71
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	20.60	1,2,3,4,5 6,7