

Genoa: 7000504 Wolfgang -2 Catana 411 Catamaran 135% HeadsailV1.d

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000504 Wolfgang70

Initial Design Date: 12/5/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	14.530m
Leech geodesic:	11.920m
Foot geodesic:	6.613m
Headboard width:	0.033m
Luff perpendicular (HLP):	5.400m
Upper width (HUW):	0.596m
Three-quarter width (HTW):	1.185m
Half width (HHW):	2.470m
Quarter width (HQW):	3.889m
Foot median:	13.025m
ORC Headsail area:	37.452m?
IRC Headsail area:	37.384m?
Surface area:	37.880m?
Forestay height:	15.100m
J:	4.000m

Draft Stripes

- 1, Luff: 4.813m ; Leech: 2.291m ;
- 2, Luff: 9.619m ; Leech: 7.039m ;

Luff Curve

14.527m,	0.000m
13.319m,	0.049m
11.984m,	0.089m
10.809m,	0.110m
9.443m,	0.117m
7.229m,	0.103m
4.721m,	0.070m
2.455m,	0.035m
0.000m,	0.000m

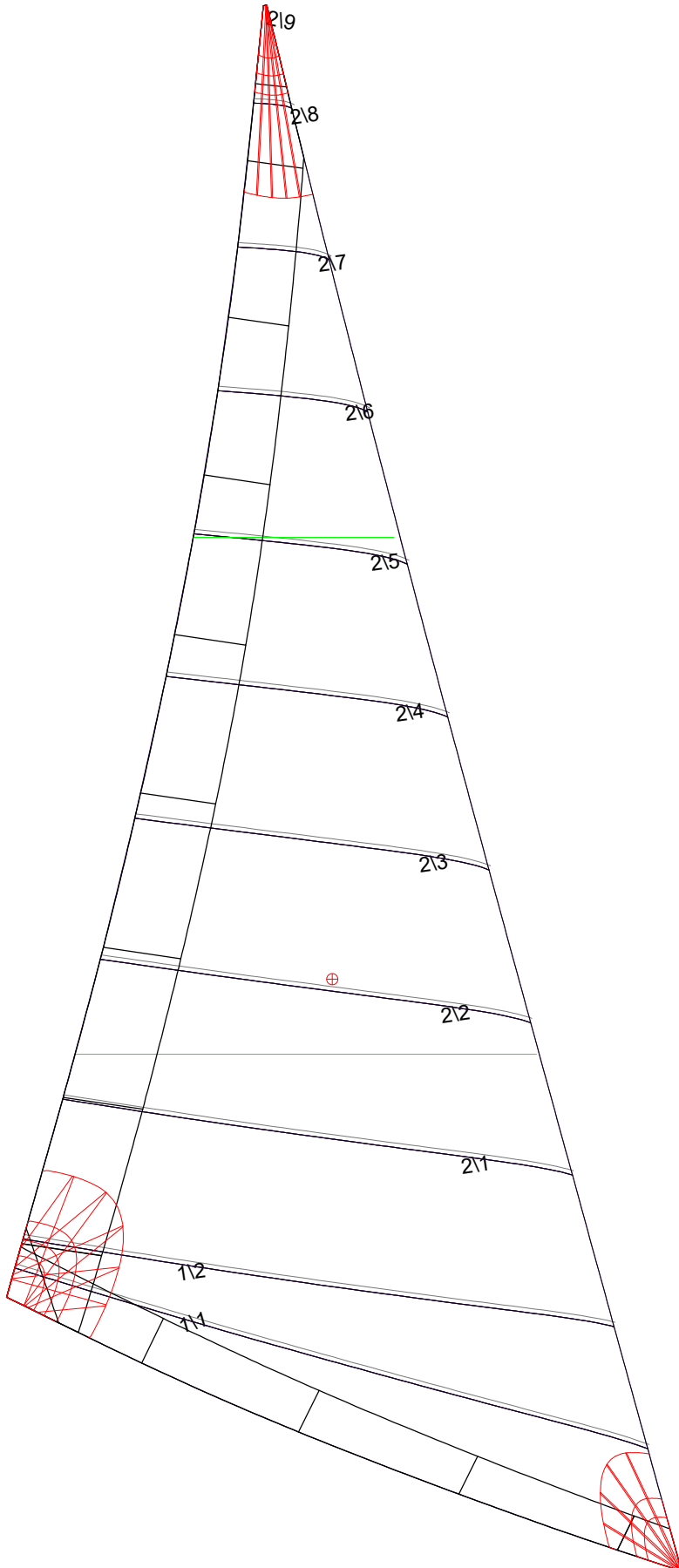
Fanned Luff (@ 5.00% [0.303m])

100% (14.527m) :	-0.000m	0.000m
90% (13.078m) :	-0.061m	-0.004m
80% (11.622m) :	-0.105m	0.001m
70% (10.170m) :	-0.127m	0.011m
60% (8.717m) :	-0.129m	0.023m
50% (7.264m) :	-0.117m	0.035m
40% (5.811m) :	-0.097m	0.043m
30% (4.358m) :	-0.074m	0.045m
20% (2.906m) :	-0.049m	0.039m
10% (1.452m) :	-0.024m	0.024m
0% (0.000m) :	0.000m	0.000m

Before BSeam

0.000m
-0.004m
0.001m
0.011m
0.023m
0.035m
0.043m
0.045m
0.039m
0.024m
0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.040m	0.040m	0.040m
Zone: 2	0.040m	0.040m	0.040m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	31.53
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	37.95	1\1,1\2,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9