

Genoa: 7000530 Wolfgang-2 Open 28 Headsail.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000530 Wolfgang\70

Initial Design Date: 7/6/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	9.050m
Leech geodesic:	8.564m
Foot geodesic:	3.637m
Headboard width:	0.030m
Luff perpendicular (HLP):	3.445m
Upper width (HUW):	0.380m
Three-quarter width (HTW):	0.749m
Half width (HHW):	1.567m
Quarter width (HQW):	2.478m
Foot median:	8.736m
ORC Headsail area:	14.852m?
IRC Headsail area:	14.813m?
Surface area:	14.937m?
Forestay height:	8.750m
J:	2.650m

Draft Stripes

- 1, Luff: 3.000m ; Leech: 2.714m ;
- 2, Luff: 5.995m ; Leech: 5.584m ;

Luff Curve

9.048m,	0.000m
8.296m,	0.031m
7.465m,	0.056m
6.733m,	0.069m
5.882m,	0.074m
4.503m,	0.065m
2.941m,	0.044m
1.529m,	0.022m
0.000m,	0.000m

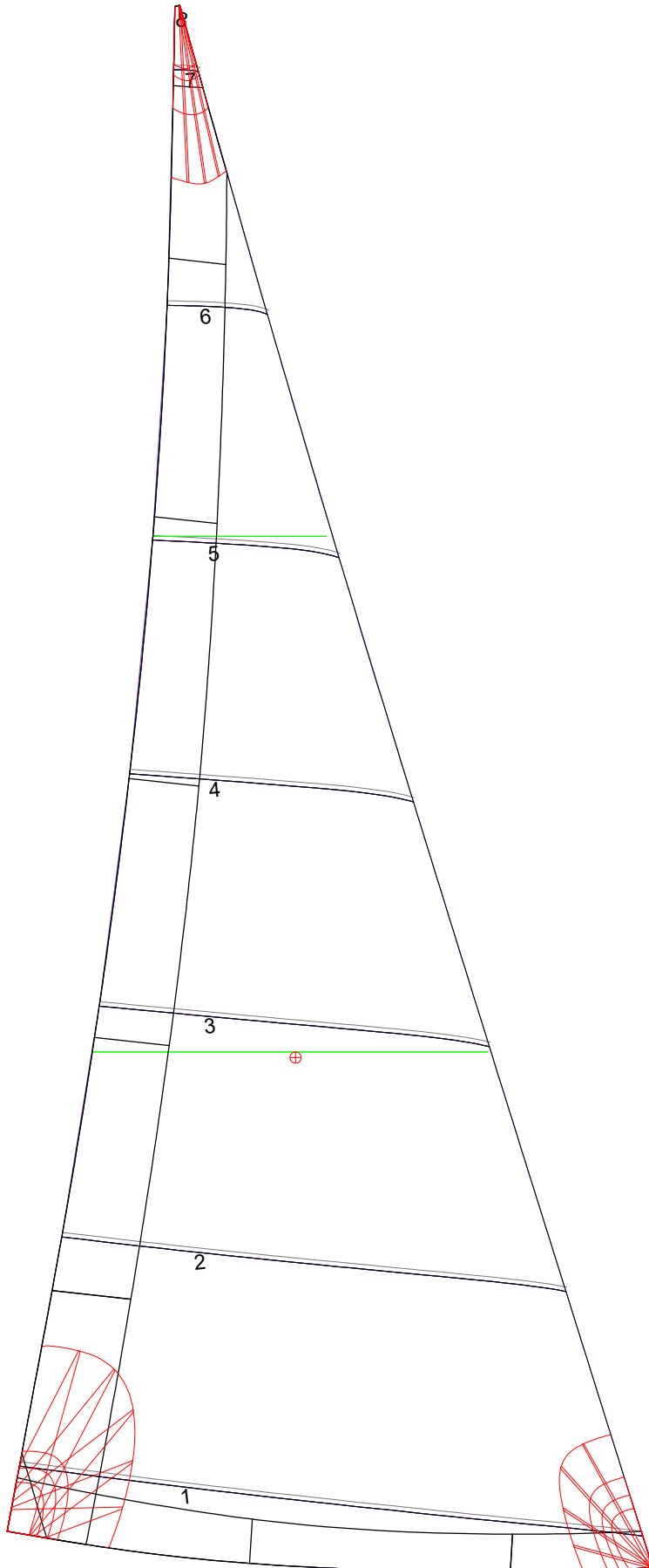
Fanned Luff (@ 5.00% [0.179m])

100% (9.048m) :	0.000m
90% (8.143m) :	-0.034m
80% (7.240m) :	-0.059m
70% (6.334m) :	-0.071m
60% (5.430m) :	-0.073m
50% (4.524m) :	-0.066m
40% (3.620m) :	-0.055m
30% (2.715m) :	-0.042m
20% (1.810m) :	-0.028m
10% (0.904m) :	-0.014m
0% (0.000m) :	0.000m

Before BSeam

-0.000m
-0.004m
-0.003m
0.001m
0.007m
0.014m
0.019m
0.021m
0.018m
0.012m
0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.025m	0.025m	0.025m
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

Sail:	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	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	12.31
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	14.97	1,2,3,4,5 6,7,8