

Genoa: 7000504 Wolfgang -3 Catana 411 Catamaran 105%JibV1.des

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

Initial Design Date: 12/5/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	14.384m
Leech geodesic:	11.198m
Foot geodesic:	5.770m
Headboard width:	0.033m
Luff perpendicular (HLP):	4.200m
Upper width (HUW):	0.450m
Three-quarter width (HTW):	0.890m
Half width (HHW):	1.871m
Quarter width (HQW):	2.992m
Foot median:	12.696m
ORC Headsail area:	28.476m?
IRC Headsail area:	28.404m?
Surface area:	29.109m?
Forestay height:	15.100m
J:	4.000m

Draft Stripes

- 1, Luff: 4.765m ; Leech: 1.786m ;
- 2, Luff: 9.522m ; Leech: 6.418m ;

Luff Curve

14.380m,	0.000m
13.185m,	0.049m
11.864m,	0.088m
10.700m,	0.108m
9.348m,	0.116m
7.156m,	0.102m
4.674m,	0.069m
2.431m,	0.035m
0.000m,	0.000m

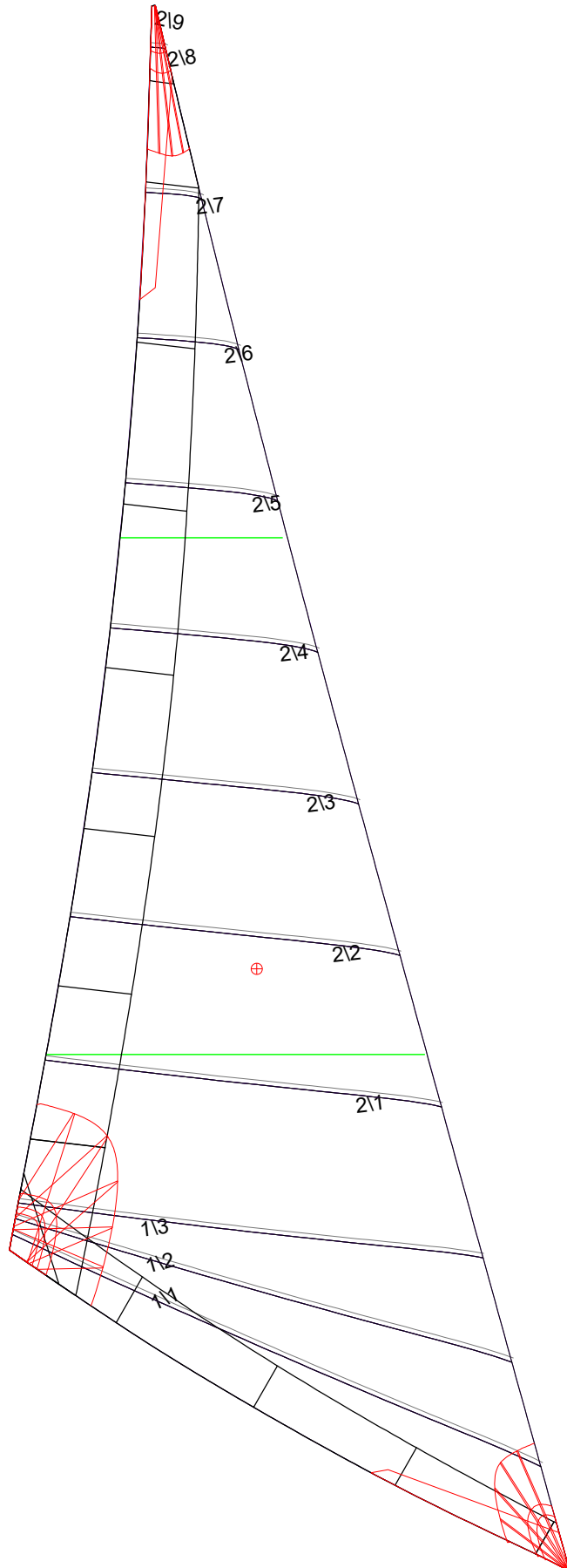
Fanned Luff (@ 5.00% [0.249m])

100% (14.381m) :	0.000m
90% (12.947m) :	-0.064m
80% (11.505m) :	-0.110m
70% (10.068m) :	-0.131m
60% (8.629m) :	-0.133m
50% (7.191m) :	-0.121m
40% (5.753m) :	-0.100m
30% (4.315m) :	-0.076m
20% (2.876m) :	-0.051m
10% (1.438m) :	-0.026m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.022m
-0.031m
-0.028m
-0.017m
0.001m
0.017m
0.025m
0.025m
0.018m
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	28.65
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	29.07	1\1,1\2,1\3,2\1,2\2 2\3,2\4,2\5,2\6,2\7 2\8,2\9