

# Genoa: 7000504 Wolfgang -2 Catana 411 Catamaran 135% HeadsailV2.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:	12.242m
Foot geodesic:	6.409m
Headboard width:	0.033m
Luff perpendicular (HLP):	5.400m
Upper width (HUW):	0.594m
Three-quarter width (HTW):	1.179m
Half width (HHW):	2.463m
Quarter width (HQW):	3.888m
Foot median:	13.232m
ORC Headsail area:	37.407m?
IRC Headsail area:	37.325m?
Surface area:	38.007m?
Forestay height:	15.100m
J:	4.000m

### Draft Stripes

- 1, Luff: 4.813m ; Leech: 2.649m ;
- 2, Luff: 9.619m ; Leech: 7.374m ;

### Luff Curve

14.527m,	0.000m
13.320m,	0.049m
11.985m,	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

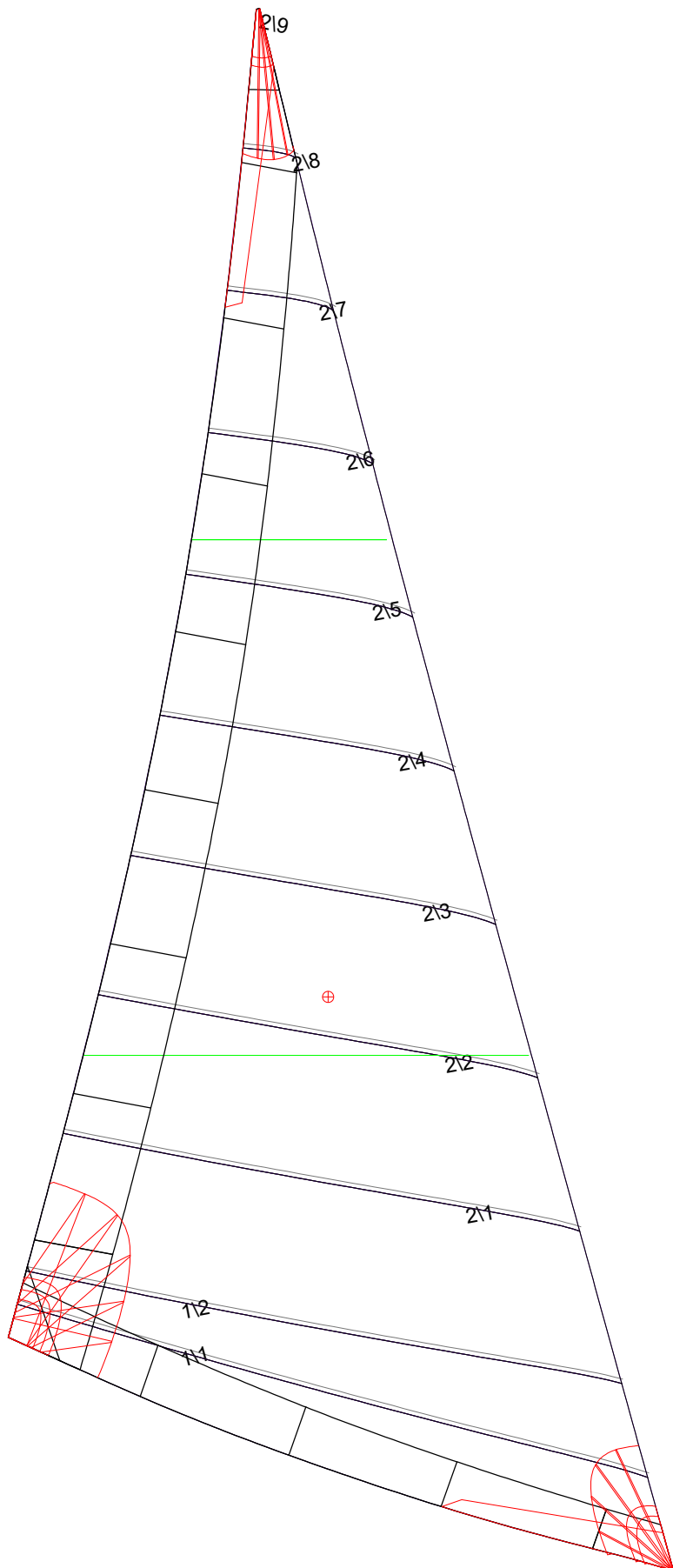
### Fanned Luff (@ 5.00% [0.299m])

100% (14.527m) :	0.000m
90% (13.077m) :	-0.058m
80% (11.622m) :	-0.102m
70% (10.170m) :	-0.122m
60% (8.717m) :	-0.124m
50% (7.264m) :	-0.113m
40% (5.811m) :	-0.094m
30% (4.358m) :	-0.071m
20% (2.906m) :	-0.048m
10% (1.452m) :	-0.025m
0% (0.000m) :	0.000m

### Before BSeam

0.000m
-0.007m
-0.006m
0.003m
0.018m
0.033m
0.043m
0.044m
0.038m
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	32.51
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	37.96	1\1,1\2,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9