

Genoa: 7000504 Wolfgang -3 Catana 411 Catamaran 105%JibV2.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000504 Wolfgang\70

Initial Design Date: 12/5/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	14.100m
Leech geodesic:	10.983m
Foot geodesic:	5.747m
Headboard width:	0.033m
Luff perpendicular (HLP):	4.200m
Upper width (HUW):	0.450m
Three-quarter width (HTW):	0.889m
Half width (HHW):	1.868m
Quarter width (HQW):	2.988m
Foot median:	12.443m
ORC Headsail area:	27.889m?
IRC Headsail area:	27.827m?
Surface area:	28.555m?
Forestay height:	15.100m
J:	4.000m

Draft Stripes

1, Luff: 4.671m ; Leech: 1.744m ;
2, Luff: 9.334m ; Leech: 6.296m ;

Luff Curve

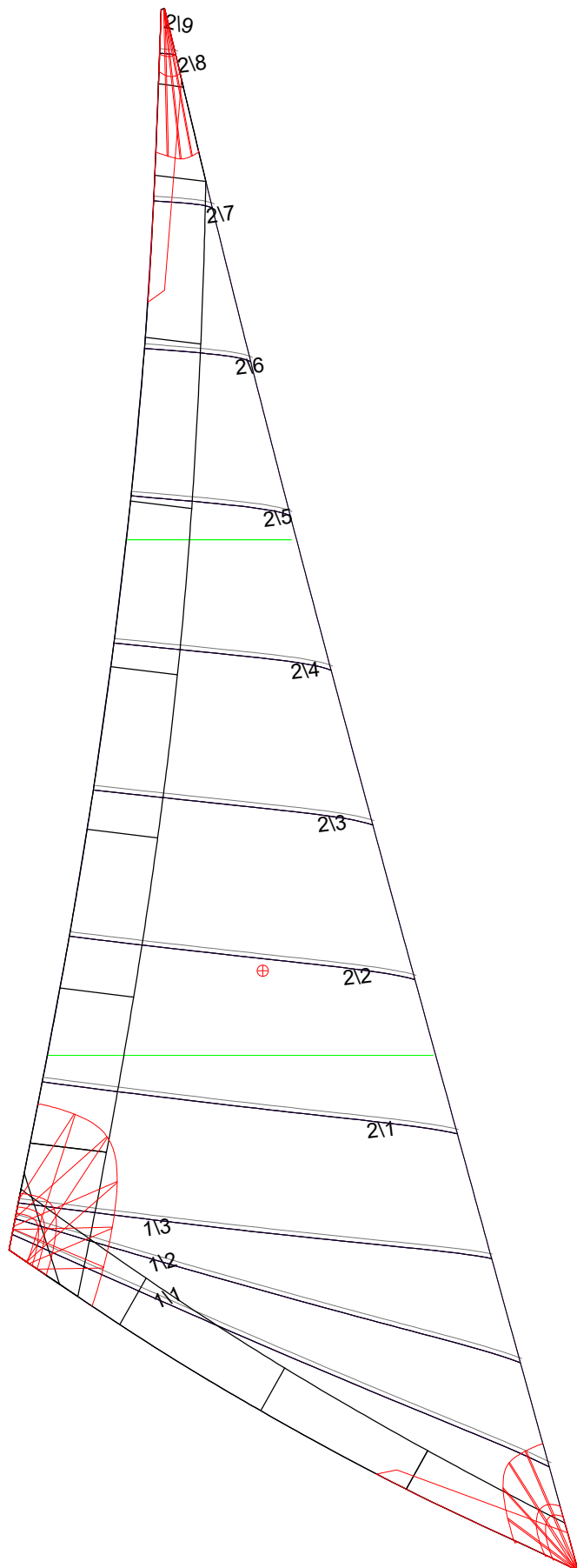
14.096m,	0.000m
12.925m,	0.048m
11.630m,	0.086m
10.489m,	0.106m
9.163m,	0.114m
7.015m,	0.100m
4.581m,	0.068m
2.383m,	0.034m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.248m])

100% (14.097m) :	0.000m	0.000m
90% (12.692m) :	-0.063m	-0.023m
80% (11.277m) :	-0.107m	-0.033m
70% (9.869m) :	-0.127m	-0.032m
60% (8.459m) :	-0.129m	-0.024m
50% (7.049m) :	-0.118m	-0.010m
40% (5.639m) :	-0.098m	0.004m
30% (4.229m) :	-0.074m	0.015m
20% (2.820m) :	-0.049m	0.019m
10% (1.409m) :	-0.025m	0.014m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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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	29.04
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	28.52	111,112,113,211,212 213,214,215,216,217 218,219