

Genoa: 7000504 Wolfgang -3 Catana 411 Catamaran 95%JibV3.des

Design Info
=====

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
=====

Genoa

Measurements

Luff geodesic:	13.600m
Leech geodesic:	10.174m
Foot geodesic:	5.605m
Headboard width:	0.033m
Luff perpendicular (HLP):	3.800m
Upper width (HUW):	0.420m
Three-quarter width (HTW):	0.826m
Half width (HHW):	1.715m
Quarter width (HQW):	2.719m
Foot median:	11.810m
ORC Headsail area:	24.531m?
IRC Headsail area:	24.483m?
Surface area:	25.226m?
Forestay height:	15.100m
J:	4.000m

Draft Stripes

1, Luff: 4.503m ; Leech: 1.268m ;
2, Luff: 9.000m ; Leech: 5.656m ;

Luff Curve

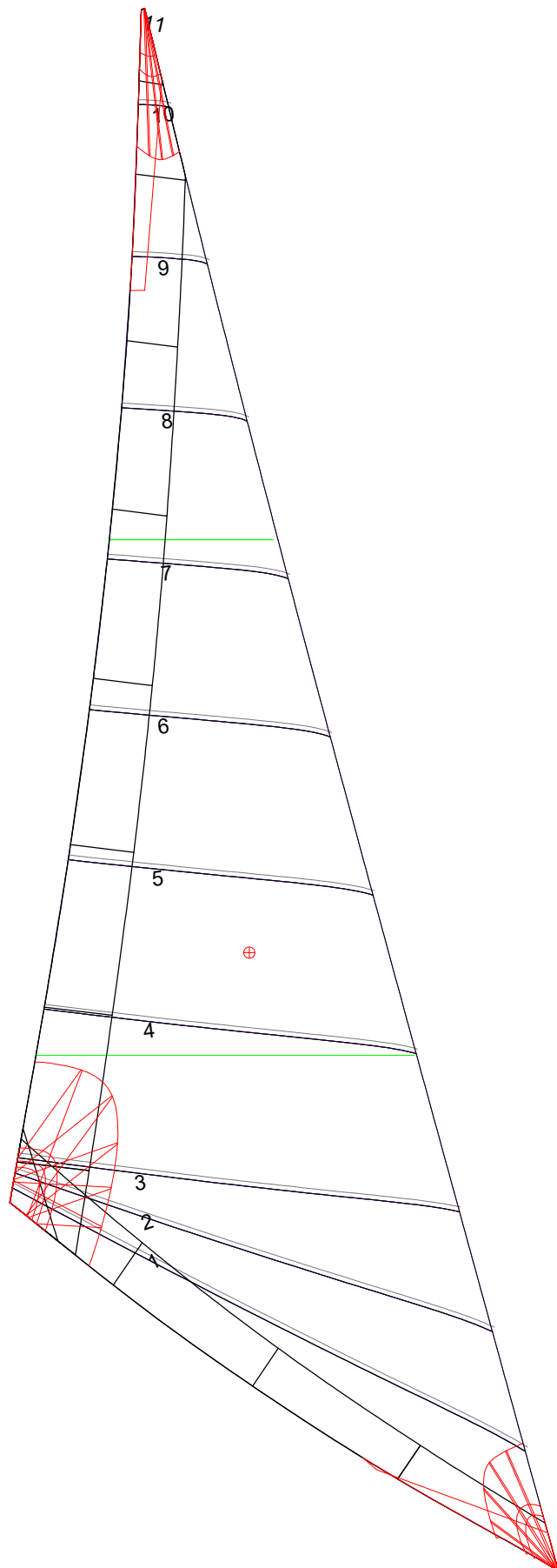
13.597m,	0.000m
12.467m,	0.041m
11.218m,	0.074m
10.118m,	0.091m
8.838m,	0.097m
6.766m,	0.085m
4.419m,	0.058m
2.298m,	0.029m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.231m])

100% (13.597m) :	0.000m	0.000m
90% (12.243m) :	-0.057m	-0.016m
80% (10.877m) :	-0.097m	-0.020m
70% (9.520m) :	-0.115m	-0.016m
60% (8.159m) :	-0.117m	-0.007m
50% (6.799m) :	-0.107m	0.006m
40% (5.439m) :	-0.089m	0.018m
30% (4.080m) :	-0.067m	0.026m
20% (2.720m) :	-0.045m	0.027m
10% (1.359m) :	-0.022m	0.019m
0% (0.000m) :	0.000m	0.000m

Before BSeam

Genoa: 7000504 Wolfgang -3 Catana 411 Catamaran 95%JibV3.des



Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	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

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	0.000m	0.000m
Cover 3	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	25.21
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	25.19	1,2,3,4,5 6,7,8,9,10 11