

Genoa: 7000514 Craig Headsail.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000514 Craig\70005

Initial Design Date: 17/5/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	11.652m
Leech geodesic:	11.008m
Foot geodesic:	4.900m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.627m
Upper width (HUW):	0.497m
Three-quarter width (HTW):	0.992m
Half width (HHW):	2.121m
Quarter width (HQW):	3.350m
Foot median:	11.213m
ORC Headsail area:	25.728m?
IRC Headsail area:	25.636m?
Surface area:	25.876m?
Forestay height:	12.240m
J:	3.700m

Draft Stripes

1, Luff: 3.862m ; Leech: 3.468m ;
2, Luff: 7.718m ; Leech: 7.173m ;

Luff Curve

11.650m,	0.000m
10.682m,	0.039m
9.611m,	0.071m
8.669m,	0.088m
7.573m,	0.094m
5.797m,	0.083m
3.786m,	0.056m
1.969m,	0.028m
0.000m,	0.000m

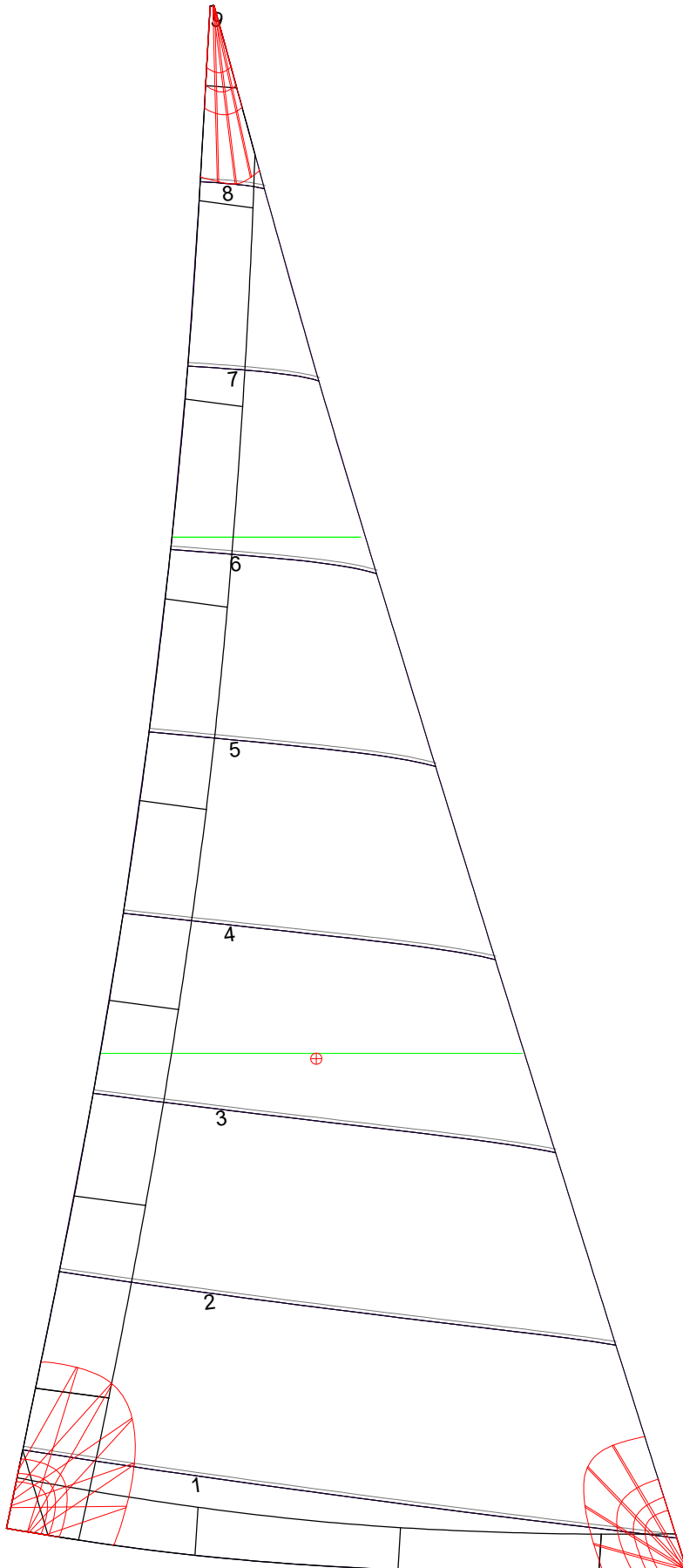
Fanned Luff (@ 5.00% [0.243m])

100% (11.650m) :	0.000m
90% (10.484m) :	-0.044m
80% (9.322m) :	-0.081m
70% (8.155m) :	-0.097m
60% (6.991m) :	-0.097m
50% (5.825m) :	-0.089m
40% (4.660m) :	-0.075m
30% (3.495m) :	-0.058m
20% (2.331m) :	-0.040m
10% (1.164m) :	-0.020m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.015m
-0.024m
-0.016m
0.002m
0.016m
0.024m
0.028m
0.024m
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

	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	20.32
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	25.93	1,2,3,4,5 6,7,8,9