

Genoa: 7000615 Craig-2 150%HeadsailV1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000615 Craig\70006

Initial Design Date: 25/6/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	9.157m
Leech geodesic:	8.743m
Foot geodesic:	4.756m
Headboard width:	0.050m
Luff perpendicular (HLP):	4.500m
Upper width (HUW):	0.519m
Three-quarter width (HTW):	1.018m
Half width (HHW):	2.118m
Quarter width (HQW):	3.285m
Foot median:	8.778m
ORC Headsail area:	19.965m?
IRC Headsail area:	19.917m?
Surface area:	20.130m?
Forestay height:	9.000m
J:	3.000m

Draft Stripes

1, Luff: 3.036m ; Leech: 2.791m ;
2, Luff: 6.067m ; Leech: 5.709m ;

Luff Slides

1, Position: 0.500m
2, Position: 1.196m
3, Position: 1.893m
4, Position: 2.589m
5, Position: 3.286m
6, Position: 3.982m
7, Position: 4.679m
8, Position: 5.375m
9, Position: 6.071m
10, Position: 6.768m
11, Position: 7.464m
12, Position: 8.161m
13, Position: 8.857m

Luff Curve

9.155m,	0.000m
8.394m,	0.031m
7.553m,	0.056m
6.812m,	0.068m
5.951m,	0.073m
4.556m,	0.064m
2.975m,	0.044m
1.547m,	0.022m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.235m])

100% (9.155m) :	-0.000m
90% (8.239m) :	-0.033m
80% (7.326m) :	-0.060m
70% (6.409m) :	-0.071m
60% (5.494m) :	-0.071m
50% (4.578m) :	-0.065m
40% (3.662m) :	-0.055m
30% (2.747m) :	-0.043m
20% (1.832m) :	-0.029m
10% (0.915m) :	-0.015m
0% (0.000m) :	0.000m

Before BSeam

-0.000m
-0.002m
0.001m
0.014m
0.030m
0.039m
0.042m
0.042m
0.036m
0.022m
0.000m

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Seam Allowances			
Zone:	Split	Radial	Cross
1	0.025m	0.025m	0.025m

Edge Excesses			
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	15.34
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	20.19	1,2,3,4,5 6,7

