

Genoa: 7000615 Craig-2 150%Headsail.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:	9.078m
Leech geodesic:	8.675m
Foot geodesic:	4.756m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.500m
Upper width (HUW):	0.505m
Three-quarter width (HTW):	1.006m
Half width (HHW):	2.110m
Quarter width (HQW):	3.282m
Foot median:	8.702m
ORC Headsail area:	19.726m?
IRC Headsail area:	19.682m?
Surface area:	19.879m?
Forestay height:	9.000m
J:	3.000m

Draft Stripes

- 1, Luff: 3.010m ; Leech: 2.771m ;
- 2, Luff: 6.015m ; Leech: 5.668m ;

Luff Curve

9.076m,	0.000m
8.322m,	0.031m
7.488m,	0.056m
6.754m,	0.068m
5.900m,	0.073m
4.517m,	0.064m
2.950m,	0.044m
1.534m,	0.022m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.235m])

100% (9.076m) :	0.000m	0.000m
90% (8.168m) :	-0.032m	-0.002m
80% (7.262m) :	-0.059m	0.000m
70% (6.354m) :	-0.071m	0.014m
60% (5.446m) :	-0.071m	0.030m
50% (4.539m) :	-0.065m	0.039m
40% (3.631m) :	-0.055m	0.042m
30% (2.723m) :	-0.043m	0.042m
20% (1.816m) :	-0.029m	0.036m
10% (0.907m) :	-0.016m	0.022m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

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

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	15.29
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	19.94	1,2,3,4,5 6,7

