

Genoa: 7000614 Chris Headsail.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000614 Chris\70006

Initial Design Date: 20/6/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	7.326m
Leech geodesic:	6.500m
Foot geodesic:	3.000m
Headboard width:	0.030m
Luff perpendicular (HLP):	2.674m
Upper width (HUW):	0.306m
Three-quarter width (HTW):	0.596m
Half width (HHW):	1.231m
Quarter width (HQW):	1.932m
Foot median:	6.852m
ORC Headsail area:	9.401m?
IRC Headsail area:	9.379m?
Surface area:	9.499m?
Forestay height:	7.900m
J:	3.000m

Draft Stripes

- 1, Luff: 2.431m ; Leech: 1.886m ;
- 2, Luff: 4.857m ; Leech: 4.144m ;

Luff Curve

7.324m,	0.000m
6.716m,	0.025m
6.043m,	0.045m
5.450m,	0.055m
4.761m,	0.059m
3.645m,	0.052m
2.380m,	0.035m
1.238m,	0.018m
0.000m,	0.000m

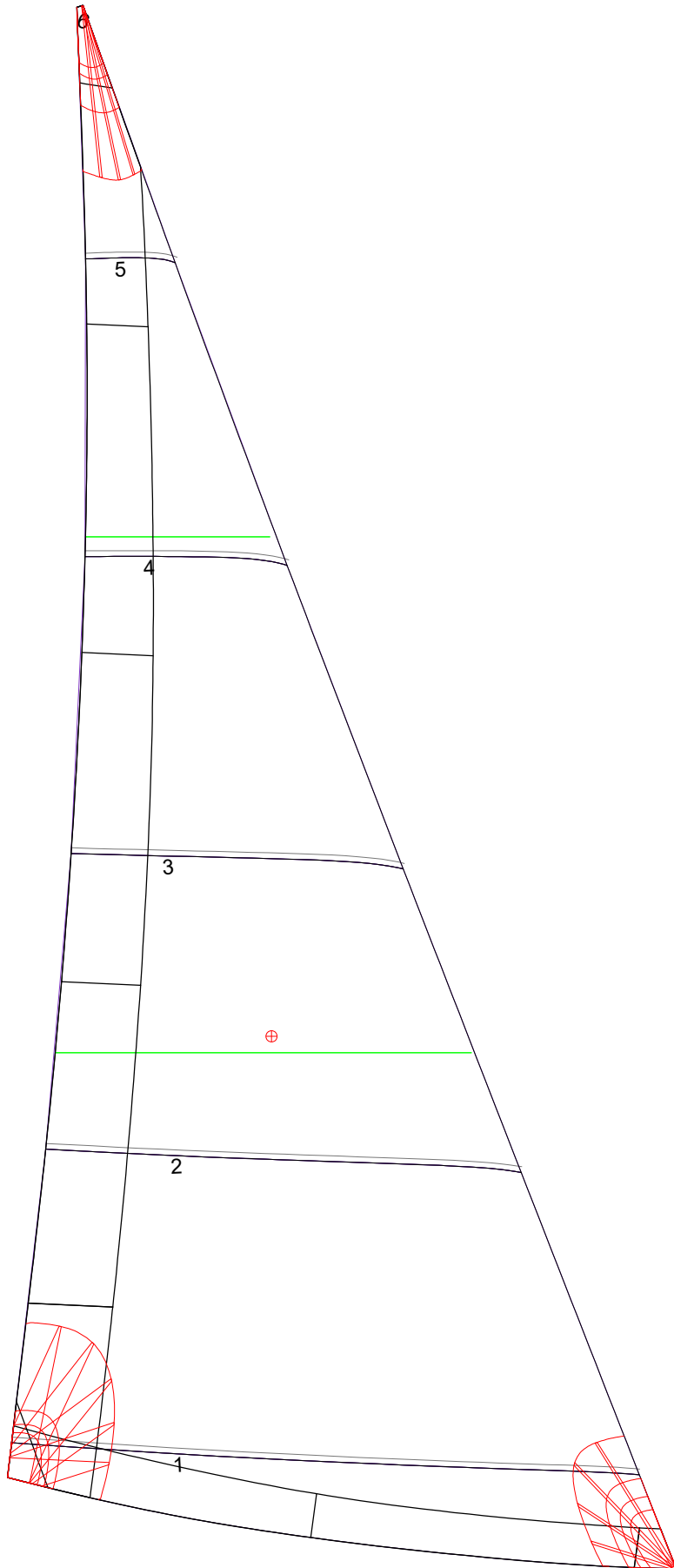
Fanned Luff (@ 5.00% [0.147m])

100% (7.325m) :	0.000m
90% (6.592m) :	-0.029m
80% (5.861m) :	-0.050m
70% (5.128m) :	-0.060m
60% (4.395m) :	-0.062m
50% (3.663m) :	-0.056m
40% (2.930m) :	-0.047m
30% (2.197m) :	-0.036m
20% (1.465m) :	-0.024m
10% (0.732m) :	-0.012m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.002m
-0.000m
0.004m
0.009m
0.015m
0.019m
0.020m
0.018m
0.011m
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	7.95
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	9.53	1,2,3,4,5 6