

Genoa: 7001111 Jason HeadsailV1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001111 Jason\700

Initial Design Date: 25/11/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	10.510m
Leech geodesic:	10.500m
Foot geodesic:	5.380m
Headboard width:	0.030m
Luff perpendicular (HLP):	5.229m
Upper width (HUW):	0.582m
Three-quarter width (HTW):	1.168m
Half width (HHW):	2.445m
Quarter width (HQW):	3.825m
Foot median:	10.381m
ORC Headsail area:	26.539m?
IRC Headsail area:	26.443m?
Surface area:	26.884m?
Forestay height:	10.470m
J:	3.200m

Draft Stripes

1, Luff: 3.484m ; Leech: 3.626m ;
2, Luff: 6.962m ; Leech: 7.005m ;

Luff Curve

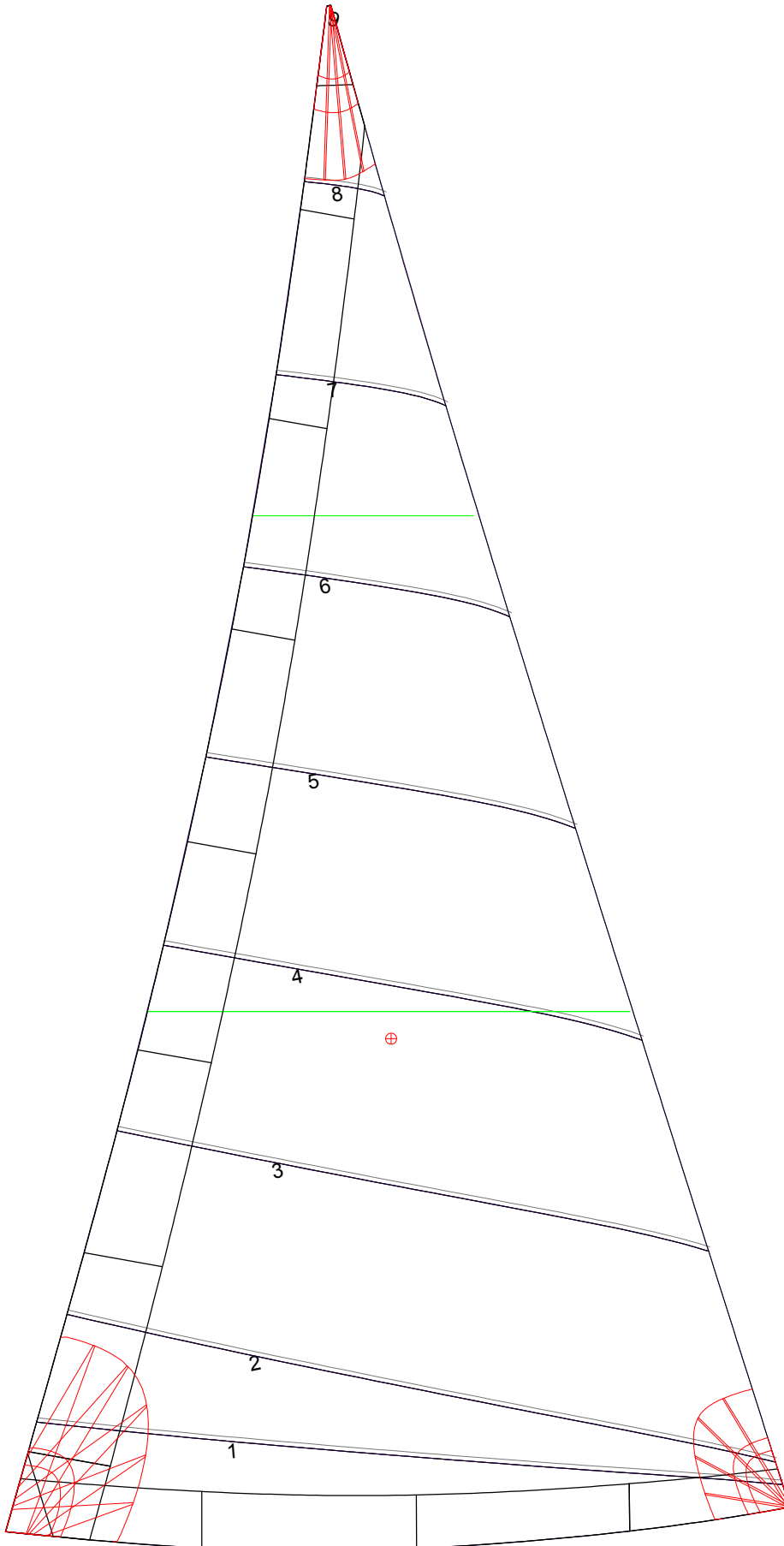
10.508m,	0.000m
9.635m,	0.036m
8.669m,	0.065m
7.819m,	0.080m
6.830m,	0.086m
5.229m,	0.076m
3.415m,	0.051m
1.776m,	0.026m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.262m])

100% (10.508m) :	0.000m	-0.000m
90% (9.456m) :	-0.040m	-0.006m
80% (8.408m) :	-0.068m	-0.003m
70% (7.356m) :	-0.082m	0.008m
60% (6.306m) :	-0.083m	0.024m
50% (5.254m) :	-0.076m	0.039m
40% (4.204m) :	-0.063m	0.049m
30% (3.152m) :	-0.048m	0.052m
20% (2.102m) :	-0.033m	0.044m
10% (1.050m) :	-0.017m	0.025m
0% (0.000m) :	-0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.030m	0.030m	0.030m
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	24.20
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	26.94	1,2,3,4,5 6,7,8,9