

# Genoa: 7001024 Lasse HeadsailV1.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001024 Lasse\700

Initial Design Date: 3/11/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	13.060m
Leech geodesic:	12.401m
Foot geodesic:	5.478m
Headboard width:	0.035m
Luff perpendicular (HLP):	5.200m
Upper width (HUW):	0.583m
Three-quarter width (HTW):	1.156m
Half width (HHW):	2.406m
Quarter width (HQW):	3.771m
Foot median:	12.604m
ORC Headsail area:	32.624m?
IRC Headsail area:	32.546m?
Surface area:	32.825m?
Forestay height:	13.900m
J:	4.000m

### Draft Stripes

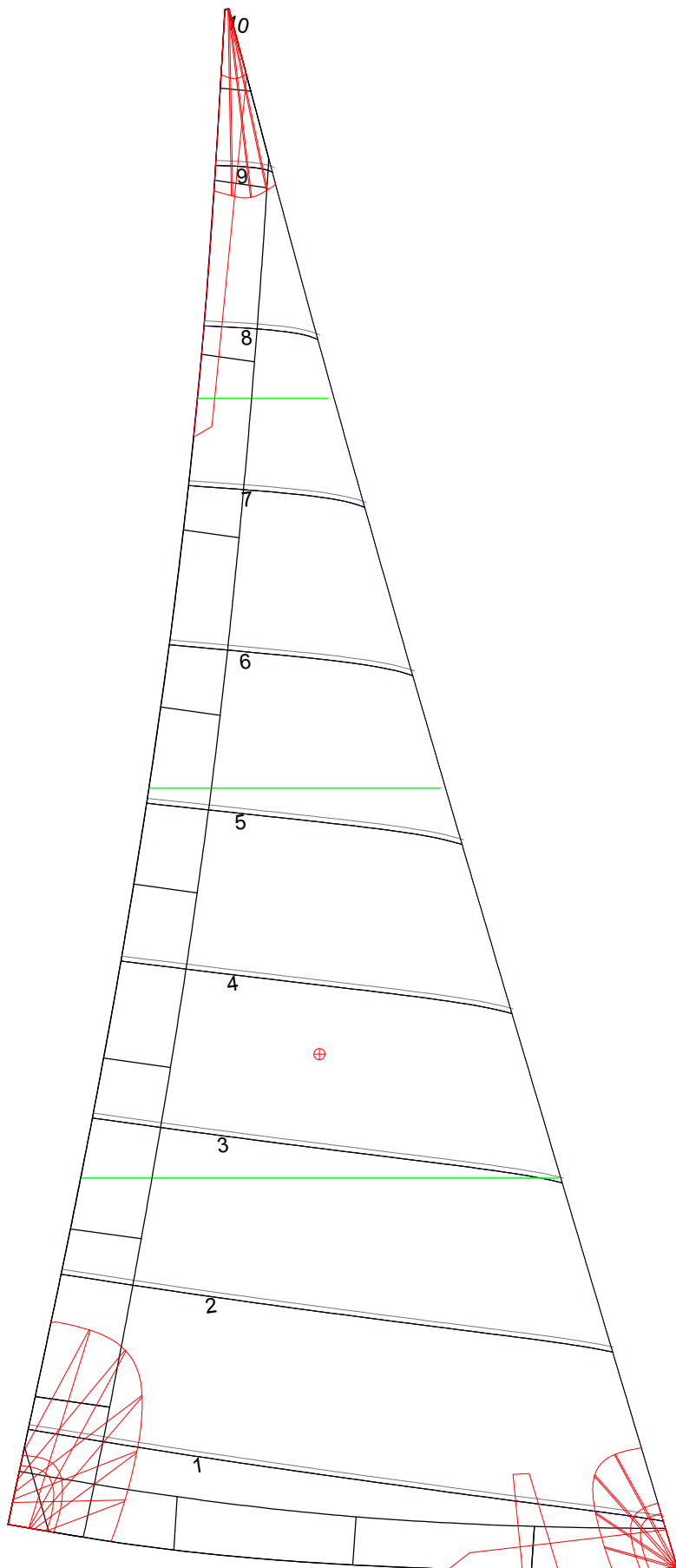
- 1, Luff: 3.279m ; Leech: 2.869m ;
- 2, Luff: 6.556m ; Leech: 6.053m ;
- 3, Luff: 9.822m ; Leech: 9.198m ;

### Luff Curve

13.057m,	0.000m
11.972m,	0.044m
10.772m,	0.081m
9.716m,	0.099m
8.488m,	0.106m
6.498m,	0.093m
4.244m,	0.063m
2.207m,	0.032m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.269m])		Before BSeam
100% (13.058m) :	-0.000m	0.000m
90% (11.752m) :	-0.049m	-0.003m
80% (10.448m) :	-0.085m	0.001m
70% (9.141m) :	-0.104m	0.008m
60% (7.835m) :	-0.107m	0.017m
50% (6.529m) :	-0.098m	0.026m
40% (5.223m) :	-0.082m	0.033m
30% (3.917m) :	-0.063m	0.034m
20% (2.612m) :	-0.042m	0.030m
10% (1.305m) :	-0.021m	0.018m
0% (0.000m) :	0.000m	0.000m

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.040m	0.040m	0.040m
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

Sail:	Luff	Leech	Foot
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	25.13
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	32.88	1,2,3,4,5 6,7,8,9,10