

Genoa: 7000308 Louis-1 hanks genoa.des

Design Info

=====

Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000308 Louis\7000308 Loui

Initial Design Date: 18/3/2023

Boat:

Comments:

Client:

Design Data

=====

Genoa

Measurements

Luff geodesic:	9.345m
Leech geodesic:	9.269m
Foot geodesic:	4.468m
Headboard width:	0.045m
Luff perpendicular (HLP):	4.337m
Upper width (HUW):	0.502m
Three-quarter width (HTW):	0.982m
Half width (HHW):	2.026m
Quarter width (HQW):	3.156m
Foot median:	9.185m
ORC Headsail area:	19.585m?
IRC Headsail area:	19.538m?
Surface area:	19.721m?
Forestay height:	9.753m
J:	2.819m

Draft Stripes

1, Luff: 3.097m ; Leech: 3.138m ;
2, Luff: 6.189m ; Leech: 6.146m ;

Luff Slides

1, Position: 0.457m
2, Position: 1.300m
3, Position: 2.143m
4, Position: 2.986m
5, Position: 3.829m
6, Position: 4.673m
7, Position: 5.516m
8, Position: 6.359m
9, Position: 7.202m
10, Position: 8.045m
11, Position: 8.888m

Luff Curve

9.343m,	0.000m
8.567m,	0.032m
7.708m,	0.057m
6.952m,	0.070m
6.073m,	0.076m
4.650m,	0.066m
3.037m,	0.045m
1.579m,	0.022m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.220m])

100% (9.344m) :	0.000m	0.000m
90% (8.408m) :	-0.032m	-0.001m
80% (7.476m) :	-0.057m	0.001m
70% (6.541m) :	-0.069m	0.008m
60% (5.607m) :	-0.070m	0.017m
50% (4.672m) :	-0.064m	0.025m
40% (3.738m) :	-0.054m	0.030m
30% (2.803m) :	-0.041m	0.029m
20% (1.869m) :	-0.027m	0.024m
10% (0.934m) :	-0.013m	0.016m
0% (0.000m) :	-0.000m	0.000m

Before BSeam

Genoa: 7000308 Louis-1 hanks genoa.des

Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.025m

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

Total Seam Lengths (m)

Horizontal	19.28
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	19.78	1,2,3,4,5 6,7,8,9

