

Genoa: 7000134 Glenn-3 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\7000134 Glenn\7000134 Gle

Initial Design Date: 9/3/2023
Boat:

Comments:

Client:

Design Data
=====

Genoa

Measurements

Luff geodesic:	9.958m
Leech geodesic:	9.527m
Foot geodesic:	4.577m
Headboard width:	0.050m
Luff perpendicular (HLP):	4.355m
Upper width (HUW):	0.504m
Three-quarter width (HTW):	0.982m
Half width (HHW):	2.025m
Quarter width (HQW):	3.161m
Foot median:	9.615m
ORC Headsail area:	20.914m?
IRC Headsail area:	20.863m?
Surface area:	21.055m?
Forestay height:	10.240m
J:	3.350m

Luff Slides

- 1, Position: 0.350m
- 2, Position: 1.066m
- 3, Position: 1.782m
- 4, Position: 2.498m
- 5, Position: 3.214m
- 6, Position: 3.930m
- 7, Position: 4.646m
- 8, Position: 5.362m
- 9, Position: 6.078m
- 10, Position: 6.794m
- 11, Position: 7.510m
- 12, Position: 8.226m
- 13, Position: 8.942m
- 14, Position: 9.658m

Luff Curve

9.956m,	0.000m
9.129m,	0.034m
8.214m,	0.061m
7.408m,	0.075m
6.472m,	0.080m
4.955m,	0.071m
3.236m,	0.048m
1.683m,	0.024m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.225m])

100% (9.956m) :	0.000m	0.000m
90% (8.960m) :	-0.036m	-0.002m
80% (7.967m) :	-0.062m	-0.001m
70% (6.970m) :	-0.076m	0.006m
60% (5.974m) :	-0.077m	0.015m
50% (4.979m) :	-0.071m	0.025m
40% (3.983m) :	-0.059m	0.030m
30% (2.987m) :	-0.045m	0.029m
20% (1.992m) :	-0.030m	0.025m
10% (0.995m) :	-0.015m	0.017m
0% (0.000m) :	-0.000m	0.000m

Before BSeam

Genoa: 7000134 Glenn-3 hanks genoa.des

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

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

Total Seam Lengths (m)

Horizontal	16.50
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	21.12	1,2,3,4,5 6,7,8

