

Genoa: 7000134 Glenn-3 Mirage 26 hanks genoa.des

Design Info

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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:

Client:

Comments:

Design Data

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Genoa

Measurements

Luff geodesic:	32.671Ft
Leech geodesic:	31.258Ft
Foot geodesic:	15.015Ft
Headboard width:	0.164Ft
Luff perpendicular (HLP):	14.288Ft
Upper width (HUW):	1.654Ft
Three-quarter width (HTW):	3.221Ft
Half width (HHW):	6.643Ft
Quarter width (HQW):	10.372Ft
Foot median:	31.547Ft
ORC Headsail area:	225.122Ft?
IRC Headsail area:	224.571Ft?
Surface area:	226.631Ft?
Forestay height:	33.596Ft
J:	10.991Ft

Luff Slides

- 1, Position: 1.148Ft
- 2, Position: 3.497Ft
- 3, Position: 5.847Ft
- 4, Position: 8.196Ft
- 5, Position: 10.545Ft
- 6, Position: 12.894Ft
- 7, Position: 15.243Ft
- 8, Position: 17.592Ft
- 9, Position: 19.941Ft
- 10, Position: 22.290Ft
- 11, Position: 24.639Ft
- 12, Position: 26.989Ft
- 13, Position: 29.338Ft
- 14, Position: 31.687Ft

Luff Curve

32.665Ft,	0.000Ft
29.950Ft,	0.111Ft
26.948Ft,	0.200Ft
24.306Ft,	0.246Ft
21.233Ft,	0.264Ft
16.255Ft,	0.232Ft
10.616Ft,	0.157Ft
5.521Ft,	0.079Ft
0.000Ft,	0.000Ft

Fanned Luff (@ 5.00% [0.740Ft])

100% (32.666Ft) :	0.000Ft
90% (29.397Ft) :	-0.117Ft
80% (26.137Ft) :	-0.205Ft
70% (22.867Ft) :	-0.248Ft
60% (19.601Ft) :	-0.254Ft
50% (16.334Ft) :	-0.234Ft
40% (13.067Ft) :	-0.195Ft
30% (9.800Ft) :	-0.148Ft
20% (6.535Ft) :	-0.097Ft
10% (3.264Ft) :	-0.048Ft
0% (0.000Ft) :	-0.000Ft

Before BSeam

0.000Ft
-0.007Ft
-0.002Ft
0.019Ft
0.051Ft
0.081Ft
0.098Ft
0.096Ft
0.082Ft
0.054Ft
0.000Ft

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000Ft	0.000Ft	0.082Ft

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

Total Seam Lengths (Ft)

Horizontal	54.14
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	227.33	1,2,3,4,5 6,7,8

