

Genoa: 7001208 Joe Headsail.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001208 Joe\70012

Initial Design Date: 12/12/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	20.620Ft
Leech geodesic:	18.502Ft
Foot geodesic:	9.468Ft
Headboard width:	0.164Ft
Luff perpendicular (HLP):	8.554Ft
Upper width (HUW):	1.040Ft
Three-quarter width (HTW):	1.969Ft
Half width (HHW):	3.993Ft
Quarter width (HQW):	6.213Ft
Foot median:	19.302Ft
ORC Headsail area:	85.494Ft?
IRC Headsail area:	85.265Ft?
Surface area:	86.417Ft?
Forestay height:	21.000Ft
J:	6.580Ft

Draft Stripes

1, Luff: 10.355Ft ; Leech: 8.504Ft ;

Luff Slides

- 1, Position: 1.083Ft
- 2, Position: 3.421Ft
- 3, Position: 5.759Ft
- 4, Position: 8.097Ft
- 5, Position: 10.435Ft
- 6, Position: 12.773Ft
- 7, Position: 15.111Ft
- 8, Position: 17.449Ft
- 9, Position: 19.787Ft

Luff Curve

		Fanned Luff (@ 5.00% [0.460Ft])	Before BSeam
20.616Ft,	0.000Ft	100% (20.616Ft) :	0.000Ft
18.903Ft,	0.070Ft	90% (18.556Ft) :	0.002Ft
17.008Ft,	0.126Ft	80% (16.495Ft) :	0.013Ft
15.340Ft,	0.156Ft	70% (14.433Ft) :	0.028Ft
13.401Ft,	0.167Ft	60% (12.371Ft) :	0.045Ft
10.259Ft,	0.146Ft	50% (10.309Ft) :	0.061Ft
6.700Ft,	0.099Ft	40% (8.247Ft) :	0.071Ft
3.485Ft,	0.050Ft	30% (6.185Ft) :	0.070Ft
0.000Ft,	0.000Ft	20% (4.124Ft) :	0.060Ft
		10% (2.060Ft) :	0.037Ft
		0% (0.000Ft) :	0.000Ft

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

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

Total Seam Lengths (Ft)

Horizontal	20.94
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	86.73	1,2,3,4,5

