

# Genoa: 8000534 Eduardo Headsail.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000534 Eduardo

Initial Design Date: 3/7/2024  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic: 5.630m  
Leech geodesic: 5.300m  
Foot geodesic: 2.600m  
Headboard width: 0.025m  
Luff perpendicular (HLP): 2.448m  
Upper width (HUW): 0.280m  
Three-quarter width (HTW): 0.551m  
Half width (HHW): 1.148m  
Quarter width (HQW): 1.784m  
Foot median: 5.390m  
ORC Headsail area: 6.665m?  
IRC Headsail area: 6.650m?  
Surface area: 6.710m?  
Forestay height: 6.100m  
J: 1.980m

### Draft Stripes

1, Luff: 2.825m ; Leech: 2.592m ;

### Luff Curve

5.629m, 0.000m  
4.501m, 0.024m  
3.372m, 0.033m  
2.246m, 0.030m  
1.122m, 0.019m  
0.000m, 0.000m

### Fanned Luff (@ 5.00% [0.127m])

100% (5.629m) : 0.000m  
90% (5.066m) : -0.012m  
80% (4.504m) : -0.023m  
70% (3.941m) : -0.031m  
60% (3.378m) : -0.034m  
50% (2.815m) : -0.033m  
40% (2.252m) : -0.031m  
30% (1.689m) : -0.027m  
20% (1.126m) : -0.020m  
10% (0.562m) : -0.011m  
0% (0.000m) : 0.000m

### Before BSeam

0.000m  
0.004m  
0.008m  
0.013m  
0.019m  
0.024m  
0.026m  
0.024m  
0.020m  
0.012m  
0.000m

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.015m

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

### Total Seam Lengths (m)

Horizontal	5.58
Radial/Vertical	0.00
Bi-Radial Split	0.00

### Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	6.73	1,2,3,4,5

