

Genoa: 6000702 Rob.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6000702 Rob\6000702 Rob.des

Initial Design Date: 8/7/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	7.943m
Leech geodesic:	6.907m
Foot geodesic:	3.249m
Headboard width:	0.035m
Luff perpendicular (HLP):	2.837m
Upper width (HUW):	0.340m
Three-quarter width (HTW):	0.653m
Half width (HHW):	1.332m
Quarter width (HQW):	2.071m
Foot median:	7.377m
ORC Headsail area:	10.924m?
IRC Headsail area:	10.911m?
Surface area:	11.103m?
Forestay height:	17.191m
J:	5.395m

Luff Curve

7.942m,	0.000m
5.957m,	0.034m
3.972m,	0.045m
1.986m,	0.034m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.156m])	Before BSeam
100% (7.942m) :	-0.000m
90% (7.148m) :	-0.015m
80% (6.354m) :	-0.030m
70% (5.560m) :	-0.041m
60% (4.765m) :	-0.047m
50% (3.971m) :	-0.050m
40% (3.177m) :	-0.049m
30% (2.382m) :	-0.043m
20% (1.589m) :	-0.033m
10% (0.793m) :	-0.017m
0% (0.000m) :	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	8.47
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	11.13	1,2,3,4,5 6

