

Genoa: 7000217 Lee-3 YankeeV2 .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\7000217 Lee\7000217 Lee-3

Initial Design Date: 22/2/2023

Boat:

Client:

Comments:

luff=9.1m, leech=7.72m, foot=5.8m

LP=4.91m, not 4.44m

Design Data

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Genoa

Measurements

Luff geodesic:	9.250m
Leech geodesic:	7.730m
Foot geodesic:	5.920m
Headboard width:	0.050m
Luff perpendicular (HLP):	4.948m
Upper width (HUW):	0.590m
Three-quarter width (HTW):	1.158m
Half width (HHW):	2.358m
Quarter width (HQW):	3.633m
Foot median:	8.113m
ORC Headsail area:	22.357m?
IRC Headsail area:	22.312m?
Surface area:	22.600m?
Forestay height:	12.000m
J:	2.000m

Luff Slides

- 1, Position: 0.356m
- 2, Position: 1.020m
- 3, Position: 1.685m
- 4, Position: 2.350m
- 5, Position: 3.014m
- 6, Position: 3.679m
- 7, Position: 4.344m
- 8, Position: 5.008m
- 9, Position: 5.673m
- 10, Position: 6.337m
- 11, Position: 7.002m
- 12, Position: 7.667m
- 13, Position: 8.331m
- 14, Position: 8.996m

Luff Curve

9.248m,	0.000m
8.480m,	0.031m
7.630m,	0.056m
6.881m,	0.069m
6.011m,	0.074m
4.602m,	0.065m
3.006m,	0.044m
1.563m,	0.022m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.266m])

100% (9.248m) :	0.000m
90% (8.326m) :	-0.034m
80% (7.399m) :	-0.060m
70% (6.475m) :	-0.072m
60% (5.549m) :	-0.074m
50% (4.625m) :	-0.067m
40% (3.700m) :	-0.056m
30% (2.775m) :	-0.042m
20% (1.850m) :	-0.028m
10% (0.925m) :	-0.014m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.004m
-0.004m
0.001m
0.010m
0.018m
0.022m
0.022m
0.019m
0.013m
0.000m

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Seam Allowances			
	Split	Radial	Cross
Zone: 1	0.000m	0.032m	0.000m
Zone: 2	0.000m	0.000m	0.032m

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

Total Seam Lengths (m)

Horizontal	19.67
Radial/Vertical	16.76
Bi-Radial Split	0.00

Materials

Material	Area (m²)	Panels
Material 1	22.65	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 2\1,2\2,2\3,2\4,2\5 2\6,2\7,2\8,2\9,2\10 2\11,2\12,2\13

