

Genoa: 7000314 Kjell -2 JIB V1.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\7000314 Kjell\7000314 Kjell

Initial Design Date: 31/3/2023
Boat:

Comments:

Client:

Design Data

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Genoa

Measurements

Luff geodesic:	10.300m
Leech geodesic:	9.403m
Foot geodesic:	3.468m
Headboard width:	0.030m
Luff perpendicular (HLP):	3.160m
Upper width (HUW):	0.345m
Three-quarter width (HTW):	0.677m
Half width (HHW):	1.419m
Quarter width (HQW):	2.255m
Foot median:	9.783m
ORC Headsail area:	15.399m?
IRC Headsail area:	15.368m?
Surface area:	15.427m?
Forestay height:	9.950m
J:	3.160m

Draft Stripes

1, Luff: 3.411m ; Leech: 2.809m ;
2, Luff: 6.817m ; Leech: 6.044m ;

Luff Curve

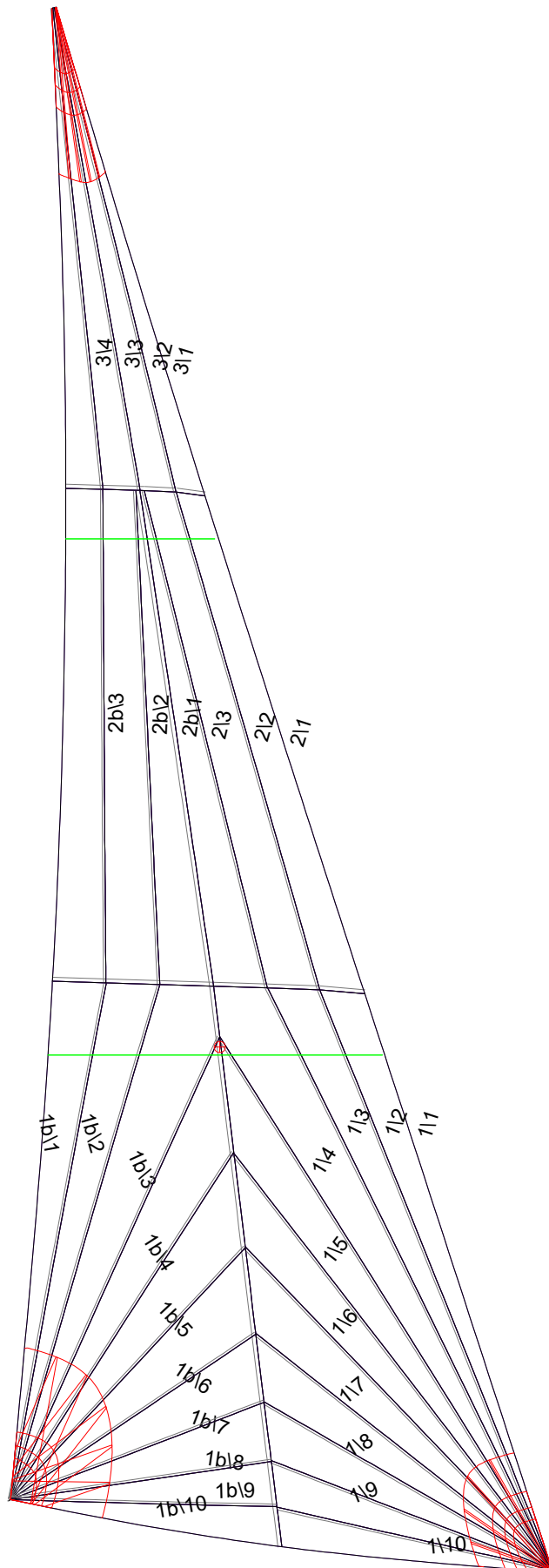
10.299m,	0.000m
9.443m,	0.026m
8.497m,	0.047m
7.663m,	0.058m
6.695m,	0.062m
5.125m,	0.054m
3.347m,	0.037m
1.741m,	0.018m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.170m])

100% (10.299m) :	-0.000m	0.000m
90% (9.269m) :	-0.028m	-0.009m
80% (8.240m) :	-0.049m	-0.013m
70% (7.210m) :	-0.059m	-0.012m
60% (6.180m) :	-0.060m	-0.009m
50% (5.150m) :	-0.055m	-0.003m
40% (4.120m) :	-0.046m	0.003m
30% (3.090m) :	-0.035m	0.006m
20% (2.060m) :	-0.024m	0.007m
10% (1.029m) :	-0.012m	0.006m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3	0.025m	0.015m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	2.97
Radial/Vertical	70.20
Bi-Radial Split	6.91

Materials

Material	Area (m ²)	Panels
Material 1	15.46	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 2\1,2\2,2\3,2b\1,2b\2 2b\3,3\1,3\2,3\3,3\4