

Genoa: 8000329 Mark-2 hanks jib.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000329 Mark ma

Initial Design Date: 30/3/2024
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	9.800m
Leech geodesic:	8.810m
Foot geodesic:	3.800m
Headboard width:	0.065m
Luff perpendicular (HLP):	3.429m
Upper width (HUW):	0.408m
Three-quarter width (HTW):	0.772m
Half width (HHW):	1.579m
Quarter width (HQW):	2.477m
Foot median:	9.225m
ORC Headsail area:	16.171m?
IRC Headsail area:	16.123m?
Surface area:	16.277m?
Forestay height:	9.800m
J:	3.200m

Draft Stripes

1, Luff: 3.249m ; Leech: 2.538m ;
2, Luff: 6.493m ; Leech: 5.615m ;

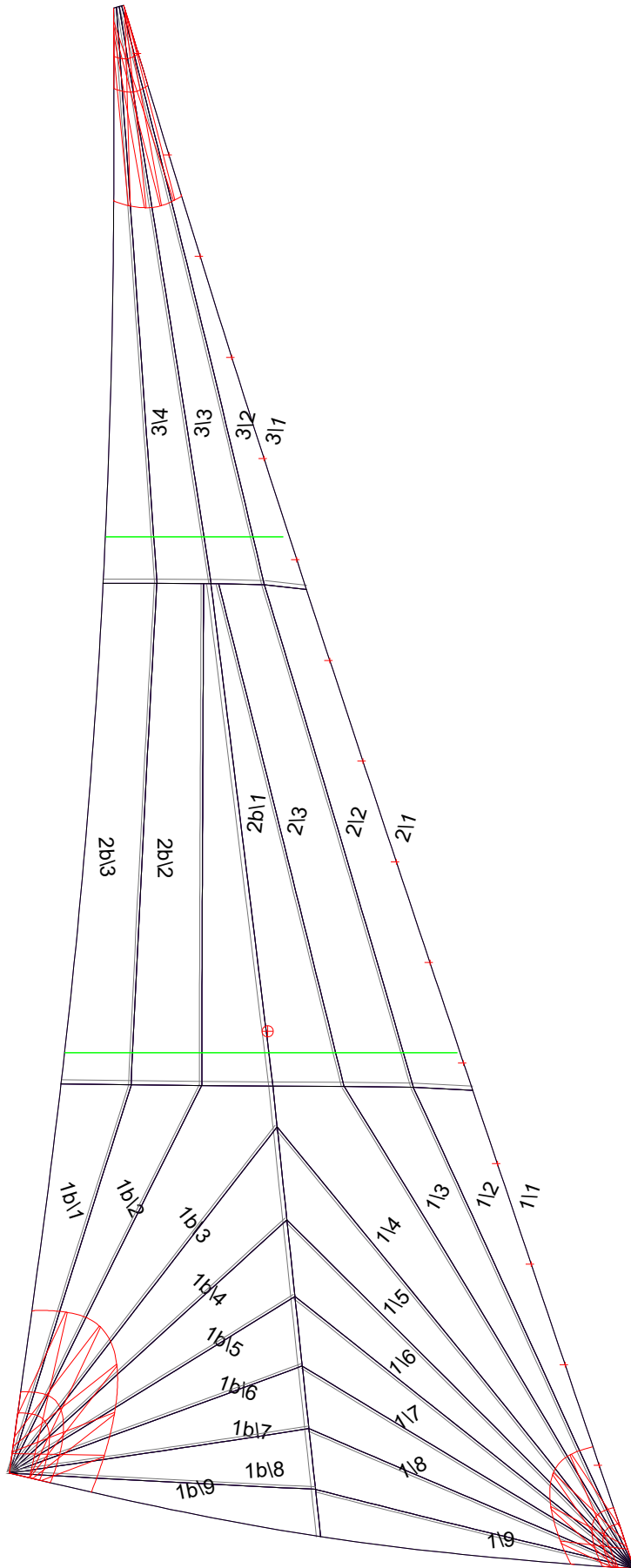
Luff Slides

1, Position: 0.650m
2, Position: 1.282m
3, Position: 1.914m
4, Position: 2.546m
5, Position: 3.179m
6, Position: 3.811m
7, Position: 4.443m
8, Position: 5.075m
9, Position: 5.707m
10, Position: 6.339m
11, Position: 6.971m
12, Position: 7.604m
13, Position: 8.236m
14, Position: 8.868m
15, Position: 9.500m

Luff Curve

		Fanned Luff (@ 5.00% [0.186m])	Before BSeam
9.798m,	0.000m	100% (9.798m) :	0.000m
8.984m,	0.033m	90% (8.819m) :	-0.036m
8.083m,	0.060m	80% (7.840m) :	-0.013m
7.291m,	0.074m	70% (6.859m) :	-0.009m
6.369m,	0.079m	60% (5.879m) :	-0.000m
4.876m,	0.070m	50% (4.899m) :	0.010m
3.184m,	0.047m	40% (3.920m) :	0.017m
1.656m,	0.024m	30% (2.939m) :	0.020m
0.000m,	0.000m	20% (1.960m) :	0.019m
		10% (0.979m) :	-0.017m
		0% (0.000m) :	0.000m

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Seam Allowances

Zone:	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	3.84
Radial/Vertical	62.42
Bi-Radial Split	5.90

Materials

Material	Area (m ²)	Panels
Material 1	16.31	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1b1 1b2,1b3,1b4,1b5,1b6 1b7,1b8,1b9,2\1,2\2 2\3,2b1,2b2,2b3,3\1 3\2,3\3,3\4