

Genoa: 8000619 Anders Furlgen135%.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000619 Anders h

Initial Design Date: 2/7/2024
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	15.300m
Leech geodesic:	14.556m
Foot geodesic:	6.758m
Headboard width:	0.045m
Luff perpendicular (HLP):	6.412m
Upper width (HUW):	0.695m
Three-quarter width (HTW):	1.387m
Half width (HHW):	2.970m
Quarter width (HQW):	4.658m
Foot median:	14.737m
ORC Headsail area:	47.024m?
IRC Headsail area:	46.875m?
Surface area:	47.238m?
Forestay height:	16.000m
J:	4.750m

Draft Stripes

1, Luff: 5.071m ; Leech: 4.607m ;
2, Luff: 10.133m ; Leech: 9.496m ;

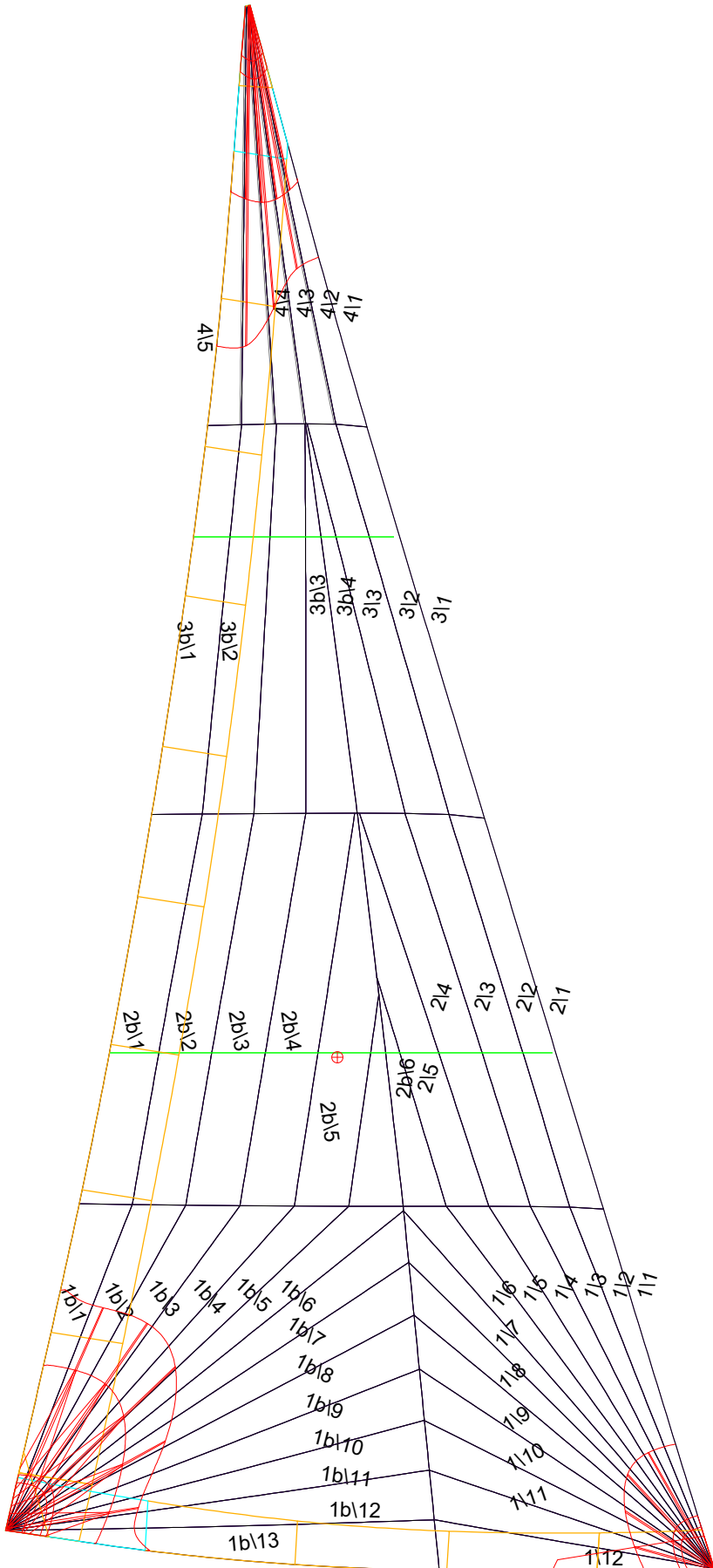
Luff Curve

15.297m,	0.000m
14.026m,	0.052m
12.620m,	0.094m
11.383m,	0.115m
9.943m,	0.124m
7.612m,	0.109m
4.972m,	0.074m
2.586m,	0.037m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.332m])

100% (15.297m) :	-0.000m	0.000m
90% (13.766m) :	-0.055m	-0.018m
80% (12.240m) :	-0.102m	-0.029m
70% (10.709m) :	-0.123m	-0.017m
60% (9.179m) :	-0.122m	0.007m
50% (7.649m) :	-0.111m	0.030m
40% (6.119m) :	-0.094m	0.045m
30% (4.589m) :	-0.074m	0.049m
20% (3.060m) :	-0.051m	0.040m
10% (1.528m) :	-0.027m	0.021m
0% (0.000m) :	0.000m	0.000m

Before BSeam



Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.000m	0.000m	0.000m
Zone: 1/b	0.000m	0.000m	0.000m
Zone: 2/a	0.000m	0.000m	0.000m
Zone: 2/b	0.000m	0.000m	0.000m
Zone: 3/a	0.000m	0.000m	0.000m
Zone: 3/b	0.000m	0.000m	0.000m
Zone: 4	0.038m	0.015m	0.038m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.100m	0.070m
Cover 1	0.070m	0.070m	0.100m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	0.00
Radial/Vertical	15.91
Bi-Radial Split	0.00

Materials

Material	Area (m²)	Panels
Material 1	47.33	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\7,1b\8 1b\9,1b\10,1b\11,1b\12,1b\13 2\1,2\2,2\3,2\4,2\5 2b\6,2b\5,2b\4,2b\3,2b\2 2b\1,3\1,3\2,3\3,3b\4 3b\3,3b\2,3b\1,4\1,4\2 4\3,4\4,4\5