

Genoa: 6001226 Daniel Head Bavaria 30.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6001226 Daniel Bavaria 30\6001226 Daniel Head B

Initial Design Date: 31/12/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

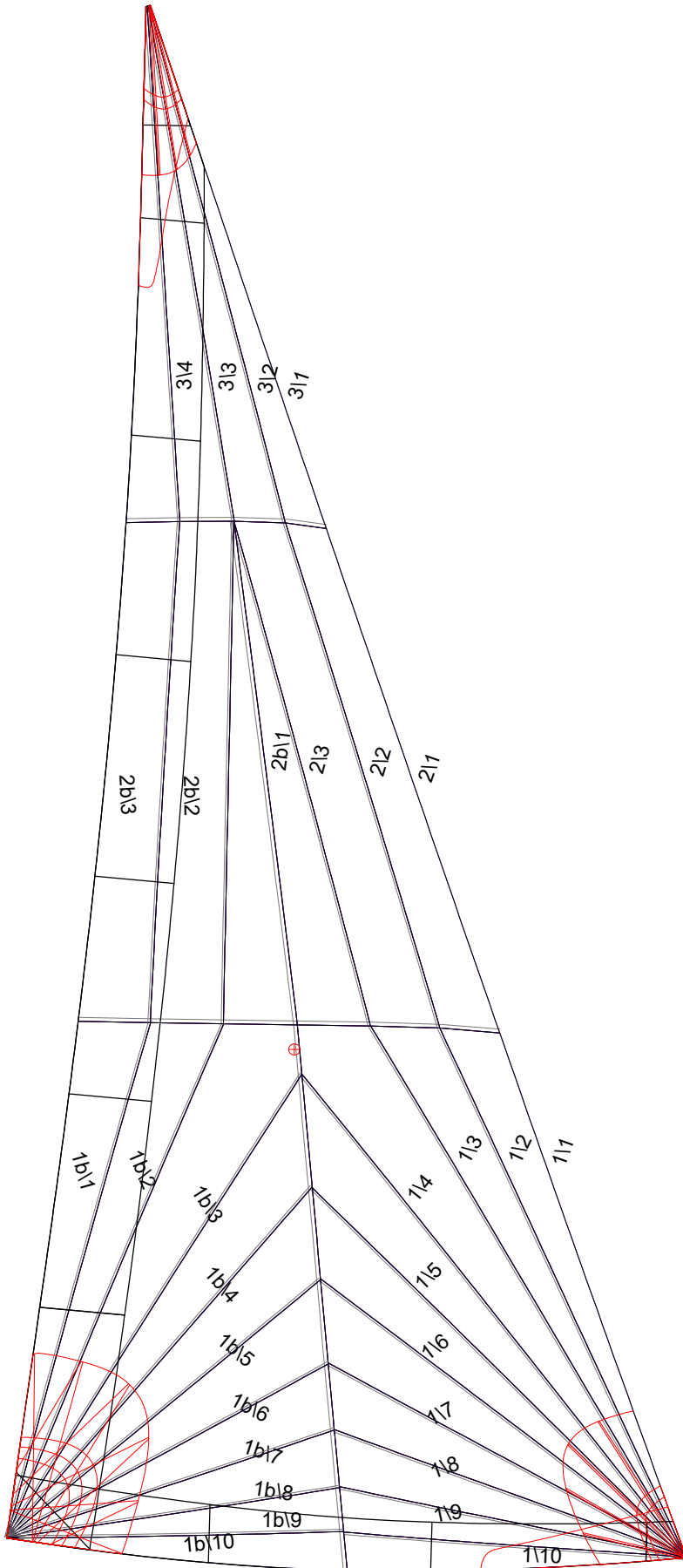
Luff geodesic:	10.720m
Leech geodesic:	10.100m
Foot geodesic:	4.500m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.247m
Upper width (HUW):	0.500m
Three-quarter width (HTW):	0.987m
Half width (HHW):	2.031m
Quarter width (HQW):	3.132m
Foot median:	10.338m
ORC Headsail area:	22.262m?
IRC Headsail area:	22.202m?
Surface area:	22.503m?
Forestay height:	11.000m
J:	3.800m

Luff Curve

10.719m,	0.000m
8.039m,	0.046m
5.360m,	0.061m
2.680m,	0.046m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.222m])		Before BSeam
100% (10.719m) :	0.000m	-0.000m
90% (9.646m) :	-0.019m	0.012m
80% (8.576m) :	-0.037m	0.024m
70% (7.503m) :	-0.051m	0.037m
60% (6.432m) :	-0.059m	0.047m
50% (5.359m) :	-0.063m	0.051m
40% (4.288m) :	-0.062m	0.049m
30% (3.215m) :	-0.055m	0.043m
20% (2.144m) :	-0.042m	0.031m
10% (1.070m) :	-0.023m	0.014m
0% (0.000m) :	0.000m	0.000m

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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
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.025m	0.025m	0.025m
Cover 4	0.025m	0.025m	0.025m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	4.32
Radial/Vertical	78.11
Bi-Radial Split	7.09

Materials

Material	Area (m ²)	Panels
Material 1	22.54	1b1,1b2,1b3,1b4,1b5 1b6,1b7,1b8,1b9,1b10 1b11,1b12,1b13,1b14,1b15 1b16,1b17,1b18,1b19,1b10 2b1,2b2,2b3,2b1,2b2 2b3,3b1,3b2,3b3,3b4