Spinnaker: 5001103 Head-3 s2.des

Design Info
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Design File:
D:\dropbox\Dropbox\Fareast Sails\2021\5001103 Peter\5001103 Head-3 s2.des

Comments:

Initial Design Date: 13/11/2021
Boat:

Client:

Design Data
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Spinnaker

Measurements

Leech length (SLE):	13.750m
Foot length (SFL):	6.380m
Headboard Width:	0.010m
Maximum width (16.1%):	6.807m
Three-quarter width:	5.114m
Half width (SHW):	6.721m
Quarter width:	6.773m
Foot median:	14.608m
ORC Spinnaker Area:	76.234m?
IRC Spinnaker Area:	75.929m?
Surface Area:	82.499m?
Hoist height:	13.500m
Pole Length:	3.500m

Luff Curve

15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.272m])		Before BSeam
100% (10.093m) :	0.000m	-0.000m
96% (9.668m) :	2.164m	0.978m
91% (9.194m) :	1.302m	1.807m
74% (7.508m) :	0.850m	1.977m
60% (6.012m) :	-0.296m	1.875m
42% (4.218m) :	-0.373m	1.638m
46% (4.662m) :	0.923m	1.360m
34% (3.408m) :	1.291m	1.071m
23% (2.295m) :	0.924m	0.795m
12% (1.170m) :	0.499m	0.473m
0% (0.000m) :	0.000m	0.000m

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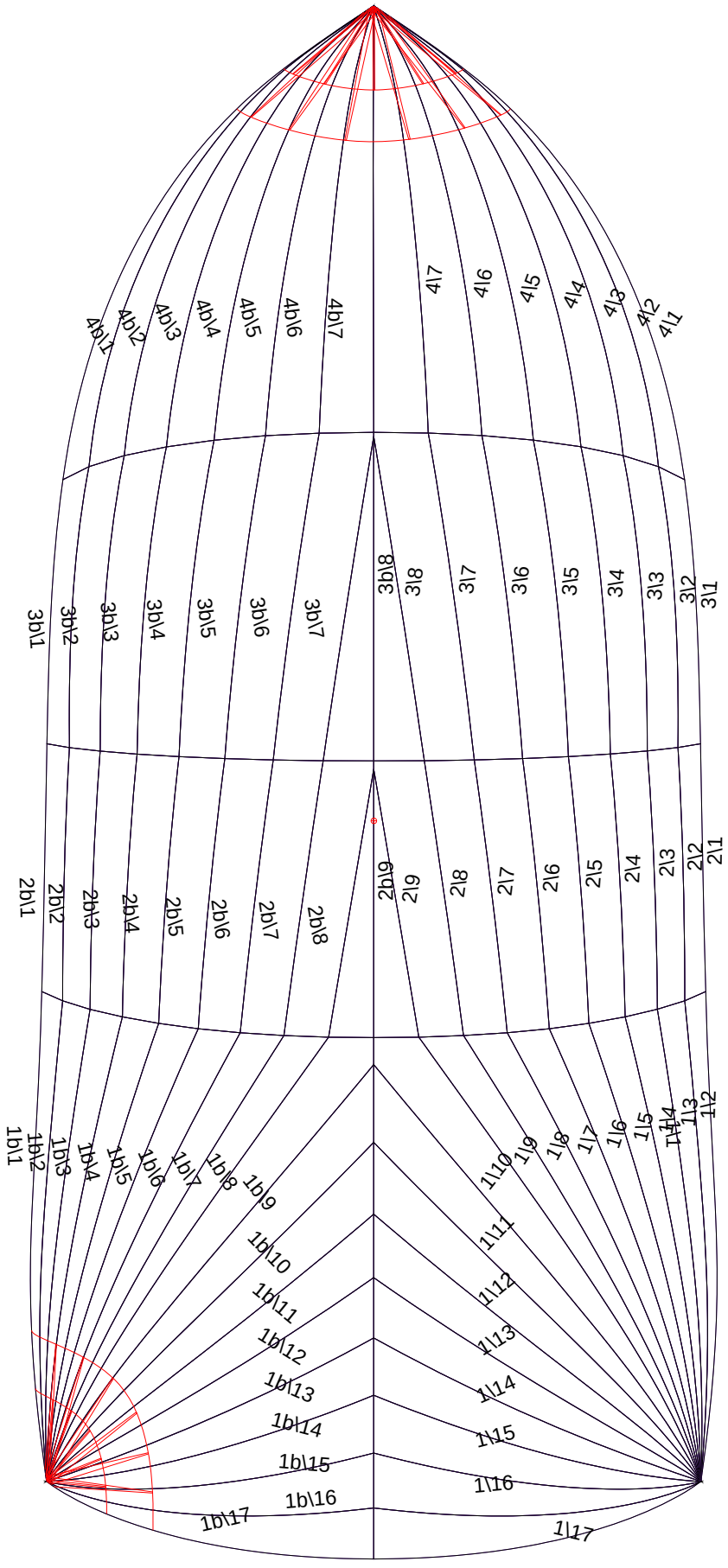


Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.027m	0.020m	0.045m
Zone: 1/b	0.027m	0.020m	0.045m
Zone: 2/a	0.027m	0.020m	0.045m
Zone: 2/b	0.027m	0.020m	0.045m
Zone: 3/a	0.027m	0.020m	0.045m
Zone: 3/b	0.027m	0.020m	0.045m
Zone: 4/a	0.027m	0.020m	0.045m
Zone: 4/b	0.027m	0.020m	0.045m

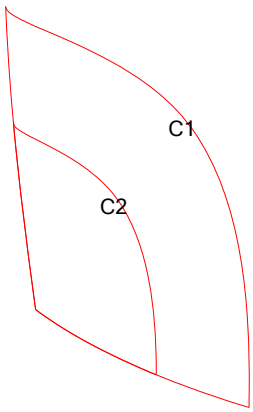
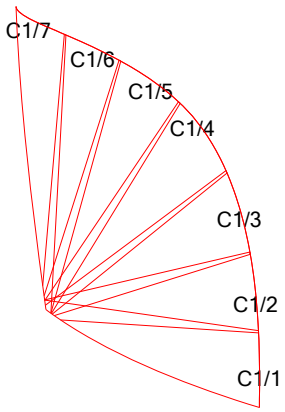
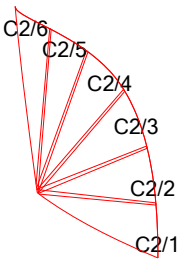
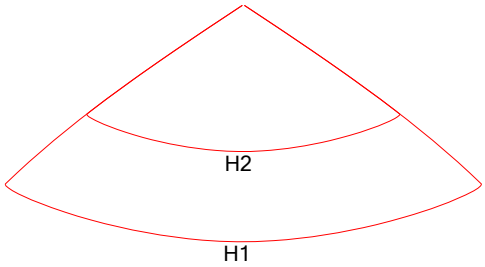
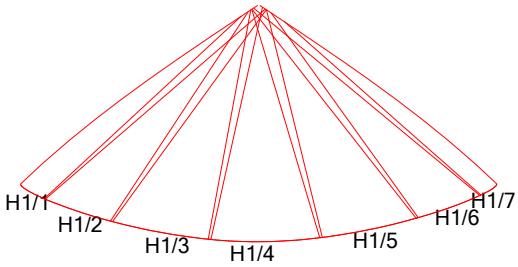
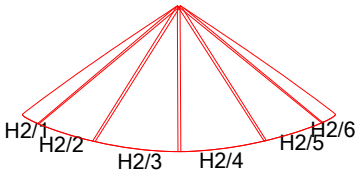
Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	19.88
Radial/Vertical	275.23
Bi-Radial Split	15.19

Materials

Material	Area (m?	Panels
White	43.54	1\3,1\4,1\5,1\6,1\11 1\12,1\13,1\14,1\16,1b\3 1b\4,1b\5,1b\6,1b\11,1b\12 1b\13,1b\14,1b\16,2\3,2\4 2\5,2\6,2b\6,2b\5,2b\4 2b\3,3\3,3\4,3\5,3\6 3b\6,3b\5,3b\4,3b\3,4\3 4\4,4\5,4\6,4b\6,4b\5 4b\4,4b\3
Red	28.80	1\1,1\7,1\8,1\9,1\10 1\17,1b\1,1b\7,1b\8,1b\9 1b\10,1b\17,2\1,2\7,2\8 2\9,2b\9,2b\8,2b\7,2b\1 3\1,3\7,3\8,3b\8,3b\7 3b\1,4\1,4\7,4b\7,4b\1
Blue	10.22	1\2,1\15,1b\2,1b\15,2\2 2b\2,3\2,3b\2,4\2,4b\2

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