

Genoa: 4000202 Andreas carbon sail R1

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2020\4000202 Andreas carbon sail\4000202 Andreas ca

Initial Design Date: 29/2/2020
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	19.300m
Leech geodesic:	18.402m
Foot geodesic:	4.330m
Headboard width:	0.060m
Luff perpendicular (HLP):	4.132m
Upper width (HUW):	0.455m
Three-quarter width (HTW):	0.874m
Half width (HHW):	1.855m
Quarter width (HQW):	2.967m
Foot median:	18.876m
ORC Headsail Area:	37.739m?
IRC Headsail Area:	37.623m?
Surface Area:	37.906m?

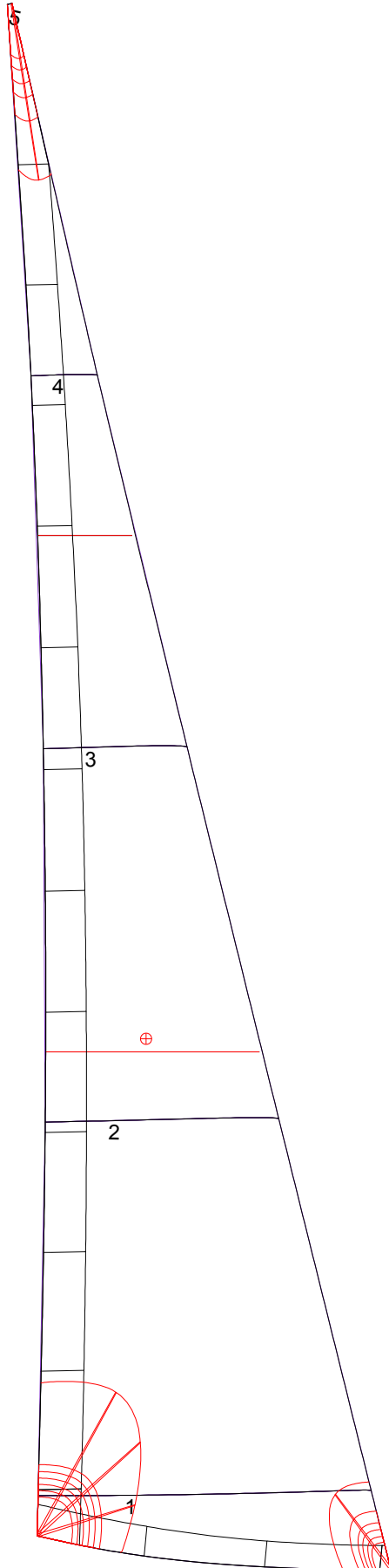
Luff Curve

19.299m,	0.000m
14.956m,	0.083m
10.614m,	0.100m
5.307m,	0.062m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0. Before BSeam

100% (19.299m) :	0.000m	0.000m
90% (17.368m) :	-0.040m	-0.013m
80% (15.440m) :	-0.076m	-0.022m
70% (13.509m) :	-0.096m	-0.020m
60% (11.580m) :	-0.102m	-0.009m
50% (9.649m) :	-0.097m	0.006m
40% (7.720m) :	-0.085m	0.021m
30% (5.789m) :	-0.069m	0.033m
20% (3.860m) :	-0.048m	0.037m
10% (1.929m) :	-0.025m	0.029m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.060m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.070m	0.070m
Cover 1	0.070m	0.070m	0.070m

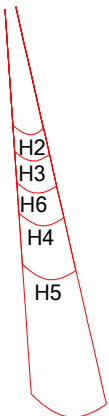
Total Seam Lengths (m)

Horizontal	0.00
Radial/Vertical	0.00
Bi-Radial Split	0.00

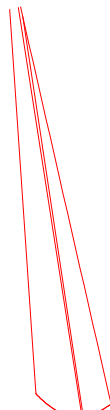
Materials

Material	Area (m ²)	Panels
Material 1	38.07	1,2,3,4,5

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H1



H1/1 H1/2

