Genoa: 4001218 Rrich Headsail.des

Design Info
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Design File:
F:\Dropbox (个人)\Fareast Sails\2020\4001218 Erich\4001218 Rrich Headsail.des

Comments:

Initial Design Date: 19/12/2020
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	13.460m
Leech geodesic:	13.000m
Foot geodesic:	7.700m
Headboard width:	0.035m
Luff perpendicular (HLP):	7.311m
Upper width (HUW):	0.822m
Three-quarter width (HTW):	1.649m
Half width (HHW):	3.477m
Quarter width (HQW):	5.379m
Foot median:	12.957m
ORC Headsail area:	47.806m?
IRC Headsail area:	47.695m?
Surface area:	48.301m?
Forestay height:	13.600m
J:	5.000m

Luff Curve

13.457m,	0.000m
12.339m,	0.046m
11.102m,	0.083m
10.014m,	0.102m
8.748m,	0.109m
6.697m,	0.095m
4.374m,	0.065m
2.275m,	0.032m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.379m])		Before BSeam
100% (13.458m) :	0.000m	-0.000m
90% (12.110m) :	-0.048m	0.010m
80% (10.768m) :	-0.090m	0.025m
70% (9.421m) :	-0.109m	0.054m
60% (8.075m) :	-0.108m	0.086m
50% (6.729m) :	-0.099m	0.108m
40% (5.383m) :	-0.084m	0.115m
30% (4.037m) :	-0.065m	0.108m
20% (2.692m) :	-0.045m	0.082m
10% (1.344m) :	-0.024m	0.040m
0% (0.000m) :	0.000m	0.000m

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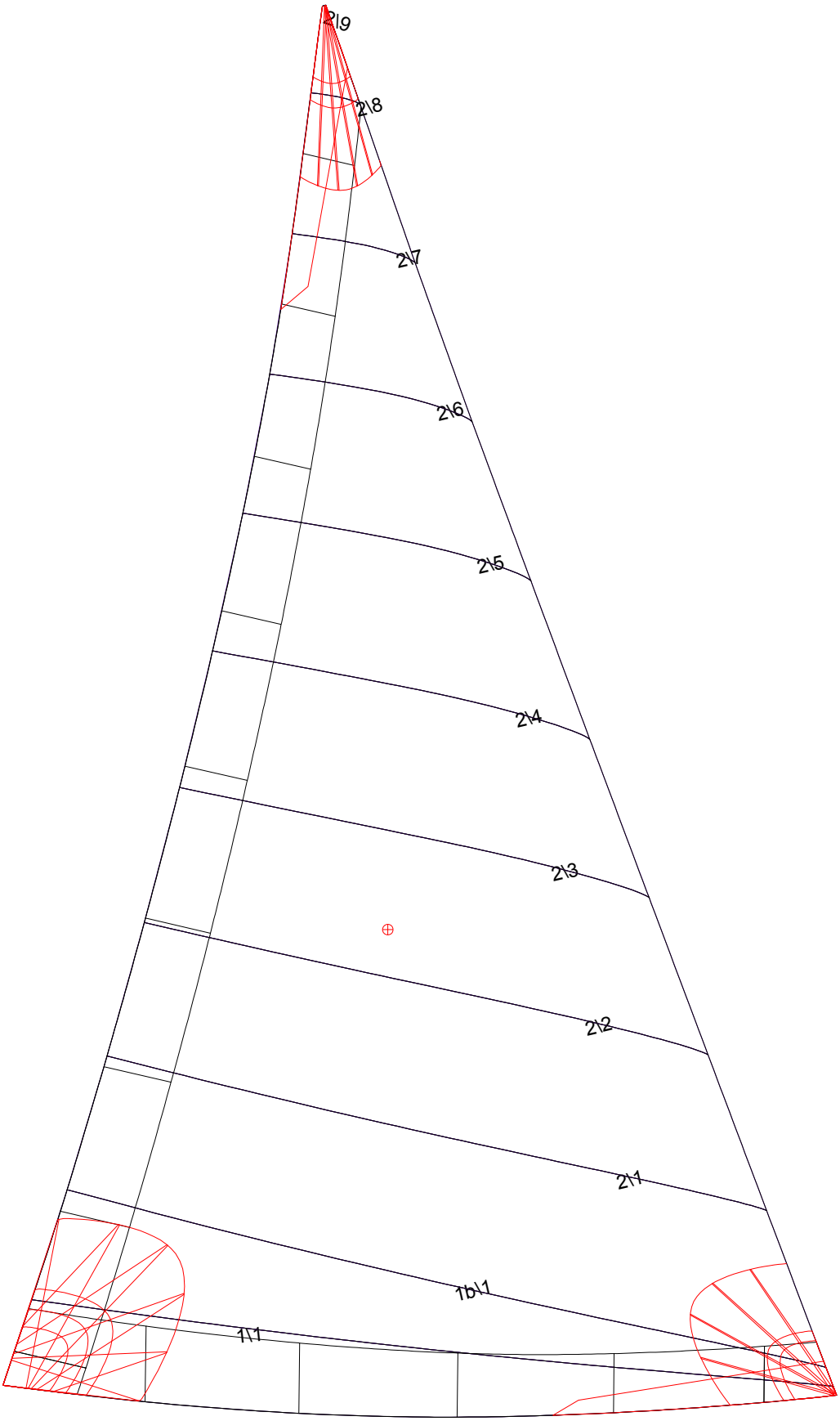

Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2	0.038m	0.015m	0.038m
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	0.050m	0.100m	0.050m
Cover 1	0.050m	0.100m	0.050m

Total Seam Lengths (m)

Horizontal	41.61
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Material 1	48.43	1\1,1b\1,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9