

Genoa: 4001120 kasper.des

Design Info

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Design File:

F:\Dropbox (个人)\Fareast Sails\2020\4001120 Kasper\4001120 kasper.des

Initial Design Date: 12/12/2020
Boat:

Comments:

Client:

Design Data

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Genoa

Measurements

Luff geodesic:	10.500m
Leech geodesic:	10.300m
Foot geodesic:	5.400m
Headboard width:	0.035m
Luff perpendicular (HLP):	5.139m
Upper width (HUW):	0.561m
Three-quarter width (HTW):	1.108m
Half width (HHW):	2.352m
Quarter width (HQW):	3.698m
Foot median:	10.222m
ORC Headsail area:	25.691m?
IRC Headsail area:	25.669m?
Surface area:	25.888m?
Forestay height:	11.580m
J:	3.330m

Luff Curve

10.498m,	0.000m
9.626m,	0.036m
8.661m,	0.064m
7.812m,	0.079m
6.824m,	0.085m
5.224m,	0.074m
3.412m,	0.051m
1.774m,	0.025m
0.000m,	0.000m

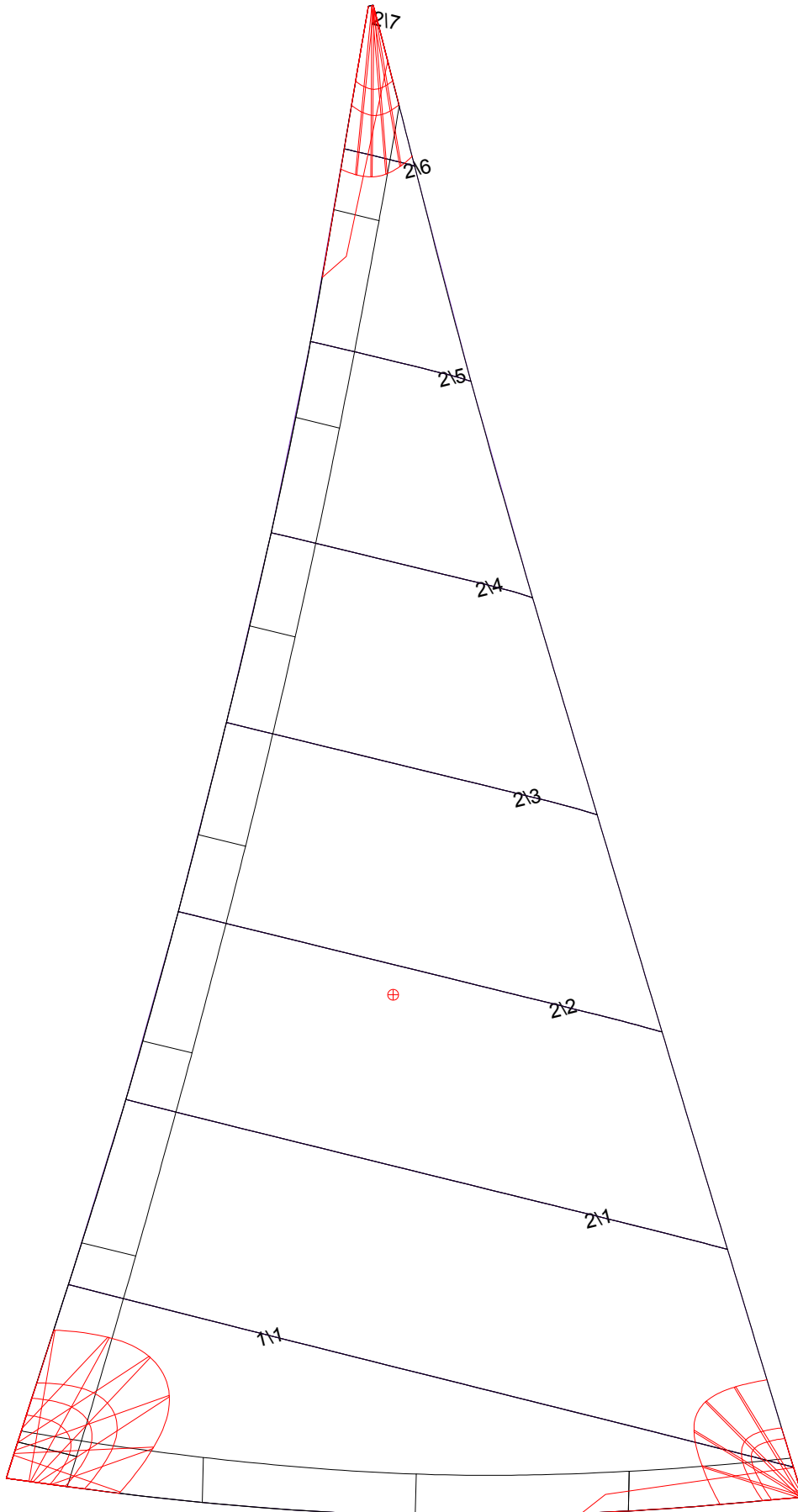
Fanned Luff (@ 5.00% [0.269m])

100% (10.498m) :	0.000m
90% (9.447m) :	-0.035m
80% (8.400m) :	-0.068m
70% (7.349m) :	-0.086m
60% (6.299m) :	-0.086m
50% (5.249m) :	-0.076m
40% (4.200m) :	-0.064m
30% (3.149m) :	-0.050m
20% (2.100m) :	-0.034m
10% (1.049m) :	-0.018m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.029m
-0.056m
-0.067m
-0.062m
-0.051m
-0.042m
-0.034m
-0.024m
-0.013m
0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.025m	0.015m	0.025m
Zone: 2	0.025m	0.015m	0.025m
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	18.77
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
panels	26.06	11,21,22,23,24,25,26,27