

Genoa: 4000726 Jason staysailv2.des

Design Info

=====

Initial Design Date: 1/8/2020

Boat:

Client:

Design File:

D:\dropbox\Dropbox\Fareastsails sails\order\Mike computer\Fareast Sails Production\2020\4000726 Jason\4000726 Ja

Comments:

4th, Aug
V1
Luff = 32.00ft NET
Foot to be 9.5ft. (2.89m) NET
V2 change clew high 4ft from deck

Design Data

=====

Genoa

Measurements

Luff geodesic:	9.754m
Leech geodesic:	8.820m
Foot geodesic:	2.458m
Headboard width:	0.025m
Luff perpendicular (HLP):	2.155m
Upper width (HUW):	0.221m
Three-quarter width (HTW):	0.436m
Half width (HHW):	0.967m
Quarter width (HQW):	1.549m
Foot median:	9.274m
ORC Headsail area:	9.899m?
IRC Headsail area:	9.859m?
Surface area:	9.933m?
Forestay height:	14.630m
J:	5.944m

Luff Curve

9.752m,	0.000m
8.942m,	0.032m
8.046m,	0.057m
7.257m,	0.071m
6.339m,	0.076m
4.853m,	0.066m
3.169m,	0.045m
1.648m,	0.022m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.120m])

100% (9.752m) :	-0.000m	0.000m
90% (8.777m) :	-0.035m	-0.014m
80% (7.803m) :	-0.065m	-0.023m
70% (6.827m) :	-0.078m	-0.019m
60% (5.852m) :	-0.078m	-0.007m
50% (4.876m) :	-0.070m	0.005m
40% (3.901m) :	-0.059m	0.014m
30% (2.926m) :	-0.045m	0.018m
20% (1.951m) :	-0.030m	0.017m
10% (0.974m) :	-0.016m	0.009m
0% (0.000m) :	0.000m	0.000m

Before BSeam

Genoa: 4000726 Jason staysailv2.des

Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.015m
Zone: 2	0.000m	0.000m	0.015m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m

Edge Excesses

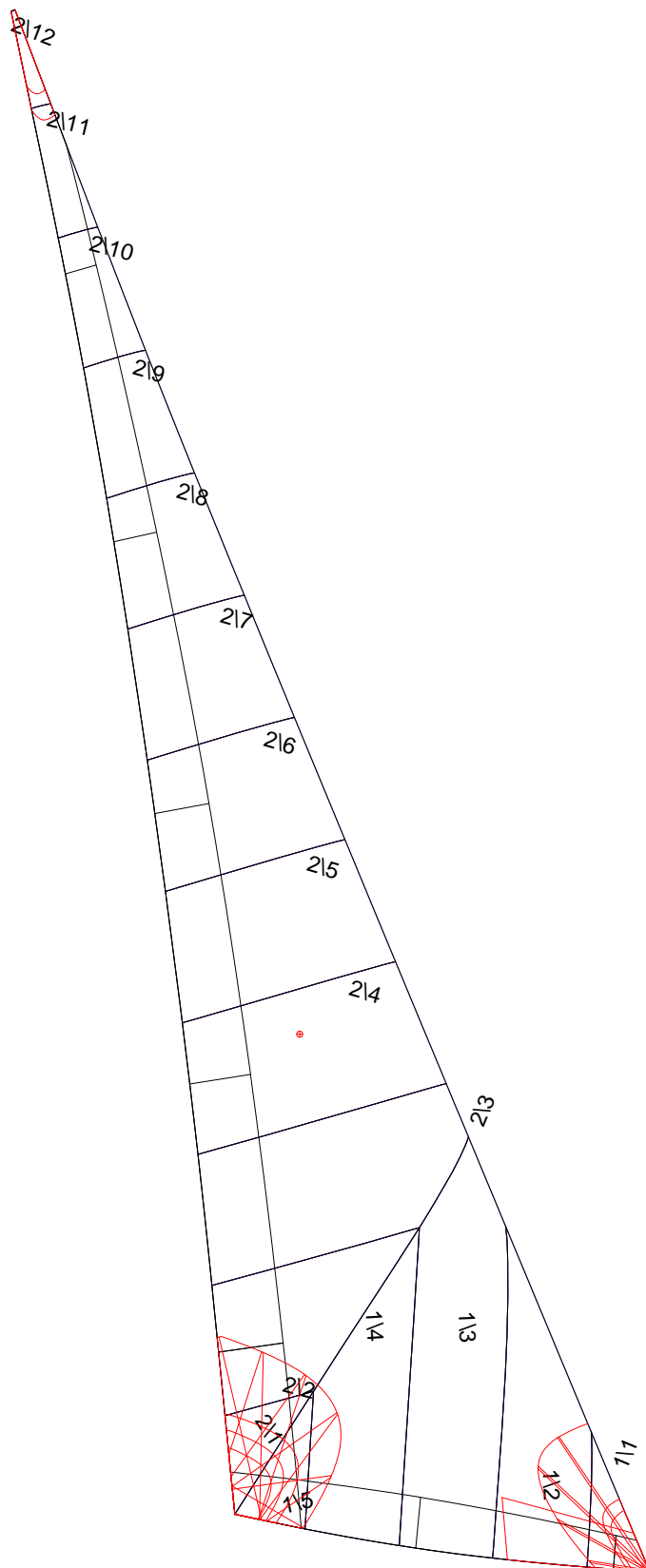
	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.050m	0.050m	0.050m
Cover 1	0.050m	0.050m	0.050m

Total Seam Lengths (m)

Horizontal	11.76
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	9.96	1\1,1\2,1\3,1\4,1\5 2\1,2\2,2\3,2\4,2\5 2\6,2\7,2\8,2\9,2\10 2\11,2\12



Genoa: 4000726 Jason staysailv2.des

