

Genoa: 8000415 Joseph-2 jib.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000415 Joseph g

Initial Design Date: 16/4/2024
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic: 17.000Ft
Leech geodesic: 13.582Ft
Foot geodesic: 8.750Ft
Headboard width: 0.164Ft
Luff perpendicular (HLP): 7.050Ft
Upper width (HUW): 0.889Ft
Three-quarter width (HTW): 1.666Ft
Half width (HHW): 3.332Ft
Quarter width (HQW): 5.147Ft
Foot median: 14.993Ft
ORC Headsail area: 58.562Ft?
IRC Headsail area: 58.408Ft?
Surface area: 59.492Ft?
Forestay height: 17.800Ft
J: 7.700Ft

Luff Curve

16.998Ft, 0.000Ft
15.585Ft, 0.043Ft
14.023Ft, 0.077Ft
12.648Ft, 0.095Ft
11.049Ft, 0.102Ft
8.459Ft, 0.090Ft
5.524Ft, 0.061Ft
2.873Ft, 0.030Ft
0.000Ft, 0.000Ft

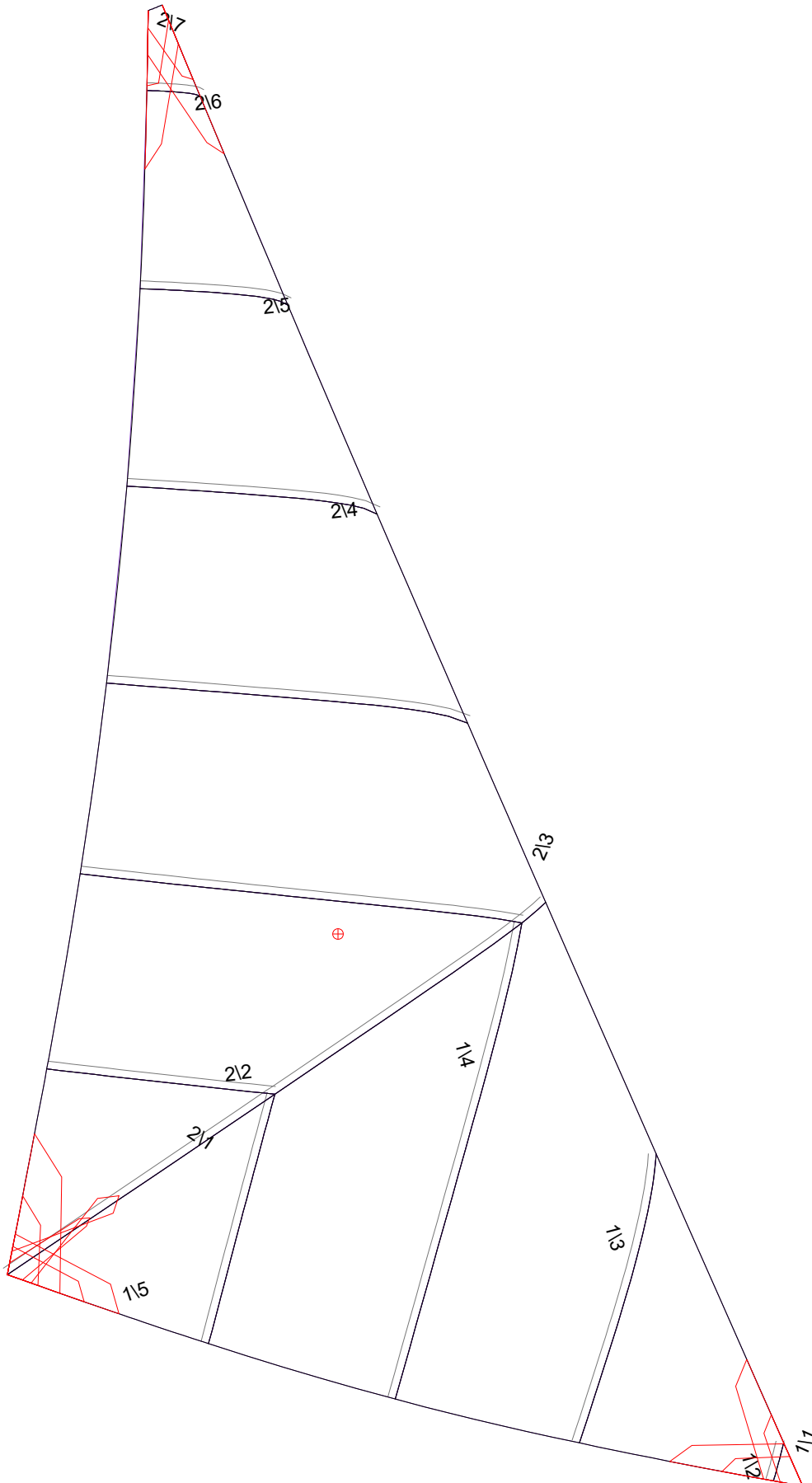
Fanned Luff (@ 5.00% [0.419Ft])

100% (16.998Ft) : 0.000Ft
90% (15.300Ft) : -0.049Ft
80% (13.599Ft) : -0.087Ft
70% (11.899Ft) : -0.107Ft
60% (10.199Ft) : -0.110Ft
50% (8.499Ft) : -0.102Ft
40% (6.799Ft) : -0.087Ft
30% (5.099Ft) : -0.068Ft
20% (3.400Ft) : -0.047Ft
10% (1.699Ft) : -0.025Ft
0% (0.000Ft) : 0.000Ft

Before BSeam

-0.000Ft
0.013Ft
0.030Ft
0.052Ft
0.074Ft
0.091Ft
0.099Ft
0.094Ft
0.079Ft
0.048Ft
0.000Ft

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.082Ft	0.082Ft	0.082Ft
Zone: 2	0.082Ft	0.082Ft	0.082Ft

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000Ft	0.000Ft	0.000Ft

Total Seam Lengths (Ft)

Horizontal	23.62
Radial/Vertical	11.92
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	59.75	1/1,1/2,1/3,1/4,1/5 2/1,2/2,2/3,2/4,2/5 2/6,2/7