

Genoa: 8001104 Ric-3 Samson Ketch 68 furlJib2.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8001104 Ric Samson

Initial Design Date: 14/12/2024
Boat:
Samson Ketch 68
Client:

Comments:

Design Data
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Genoa

Measurements

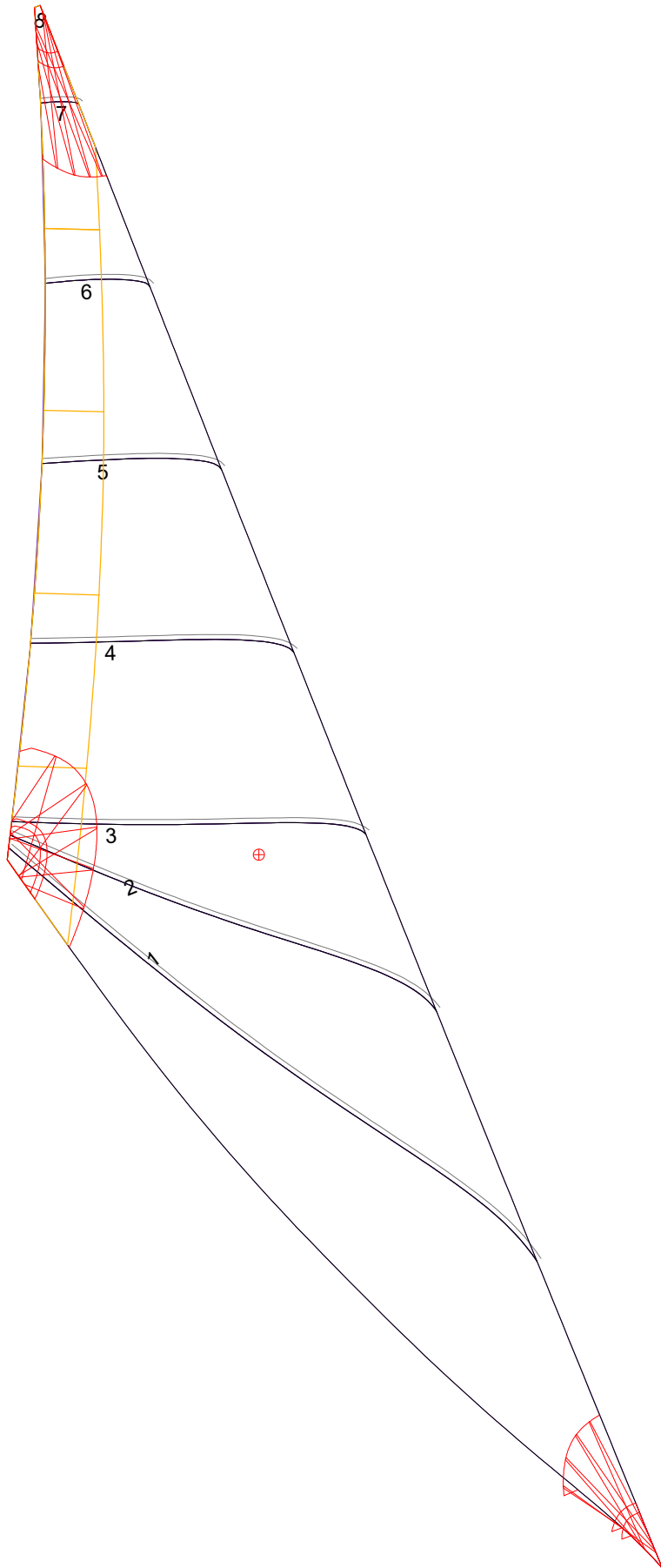
Luff geodesic:	11.979m
Leech geodesic:	6.200m
Foot geodesic:	6.950m
Headboard width:	0.045m
Luff perpendicular (HLP):	2.883m
Upper width (HUW):	0.341m
Three-quarter width (HTW):	0.652m
Half width (HHW):	1.305m
Quarter width (HQW):	2.040m
Foot median:	9.102m
ORC Headsail area:	16.436m ²
IRC Headsail area:	16.469m ²
Surface area:	18.311m ²
Forestay height:	12.550m
J:	5.000m

Luff Curve

11.976m,	0.000m
9.574m,	0.043m
7.174m,	0.059m
4.779m,	0.053m
2.387m,	0.034m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.233m])		Before BSeam
100% (11.976m) :	-0.000m	-0.000m
90% (10.789m) :	-0.041m	0.019m
80% (9.576m) :	-0.082m	0.037m
70% (8.386m) :	-0.109m	0.057m
60% (7.186m) :	-0.119m	0.081m
50% (5.988m) :	-0.117m	0.103m
40% (4.790m) :	-0.108m	0.119m
30% (3.593m) :	-0.091m	0.123m
20% (2.393m) :	-0.065m	0.114m
10% (1.199m) :	-0.033m	0.078m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances			
	Split	Radial	Cross
Zone: 1	0.035m	0.035m	0.035m
Cover 1	0.035m	0.035m	0.035m

Edge Excesses			
	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	16.40
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	18.21	1,2,3,4,5 6,7,8