

Genoa: 7000402 Pier-2 Bavaria30 Genoa.des

Design Info

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Initial Design Date: 13/4/2023
Boat:
Bavaria 30
Client:

Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000402 Pier\7000402 Pier-2

Comments:

Design Data

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Genoa

Measurements

Luff geodesic:	10.720m
Leech geodesic:	10.475m
Foot geodesic:	4.395m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.267m
Upper width (HUW):	0.464m
Three-quarter width (HTW):	0.938m
Half width (HHW):	1.974m
Quarter width (HQW):	3.094m
Foot median:	10.626m
ORC Headsail area:	21.938m ²
IRC Headsail area:	21.879m ²
Surface area:	22.362m ²
Forestay height:	10.930m
J:	2.650m

Luff Curve

10.718m,	0.000m
9.827m,	0.036m
8.842m,	0.066m
7.975m,	0.081m
6.967m,	0.086m
5.334m,	0.076m
3.483m,	0.052m
1.812m,	0.026m
0.000m,	0.000m

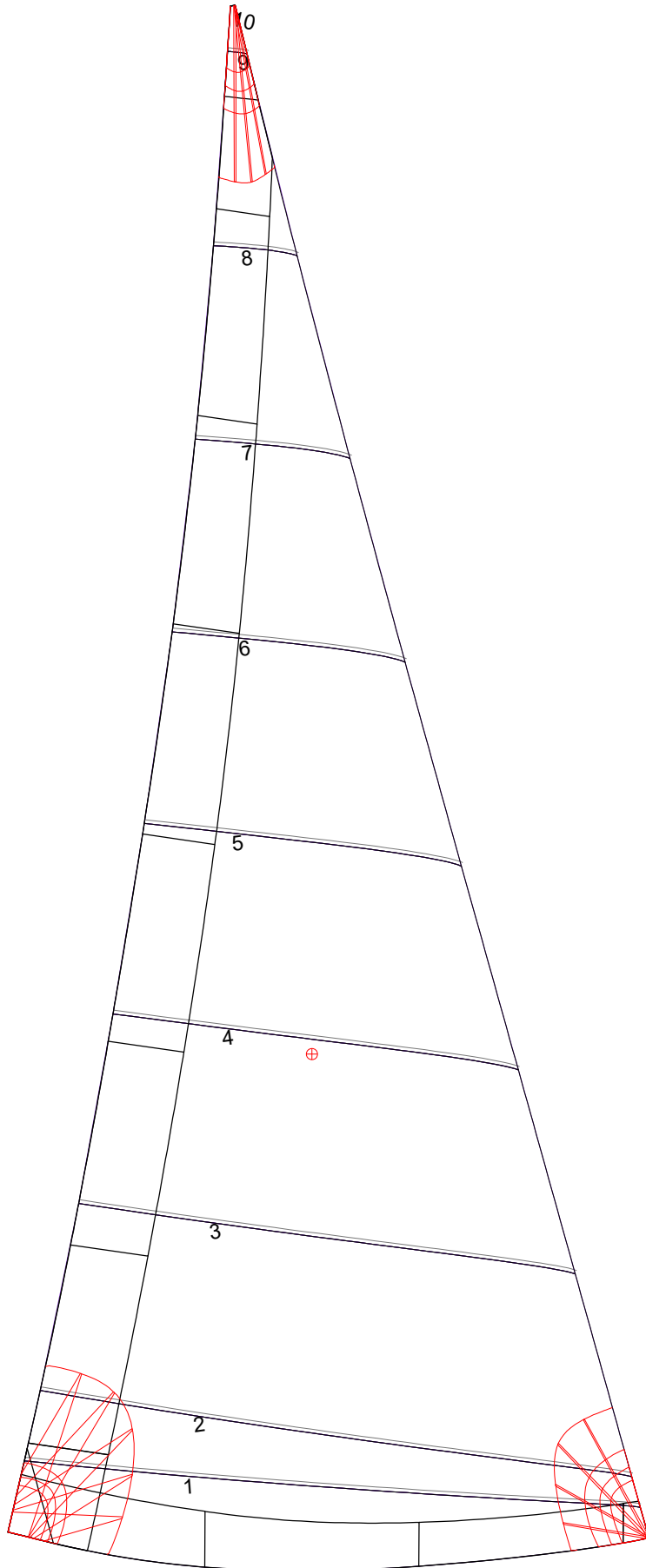
Fanned Luff (@ 5.00% [0.216m])

100% (10.718m) :	0.000m
90% (9.645m) :	-0.042m
80% (8.576m) :	-0.069m
70% (7.503m) :	-0.082m
60% (6.431m) :	-0.083m
50% (5.359m) :	-0.076m
40% (4.288m) :	-0.062m
30% (3.216m) :	-0.047m
20% (2.144m) :	-0.031m
10% (1.071m) :	-0.015m
0% (0.000m) :	-0.000m

Before BSeam

0.000m
-0.013m
-0.011m
-0.003m
0.009m
0.022m
0.033m
0.037m
0.034m
0.022m
0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.025m	0.025m	0.025m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.100m	0.070m
Cover 1	0.070m	0.070m	0.100m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	20.65
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	22.43	1,2,3,4,5 6,7,8,9,10