

Genoa: 6001204 Torodd Dehler 29-2 Genoa.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6001204 Torodd\6001204 Torodd Dehler 29-2 Genoa.des

Initial Design Date: 13/12/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic: 10.570m
 Leech geodesic: 9.329m
 Foot geodesic: 3.860m
 Headboard width: 0.035m
 Luff perpendicular (HLP): 3.400m
 Upper width (HUW): 0.452m
 Three-quarter width (HTW): 0.873m
 Half width (HHW): 1.735m
 Quarter width (HQW): 2.582m
 Foot median: 9.924m
 ORC Headsail area: 18.203m?
 IRC Headsail area: 18.190m?
 Surface area: 18.498m?
 Forestay height: 11.100m
 J: 3.130m

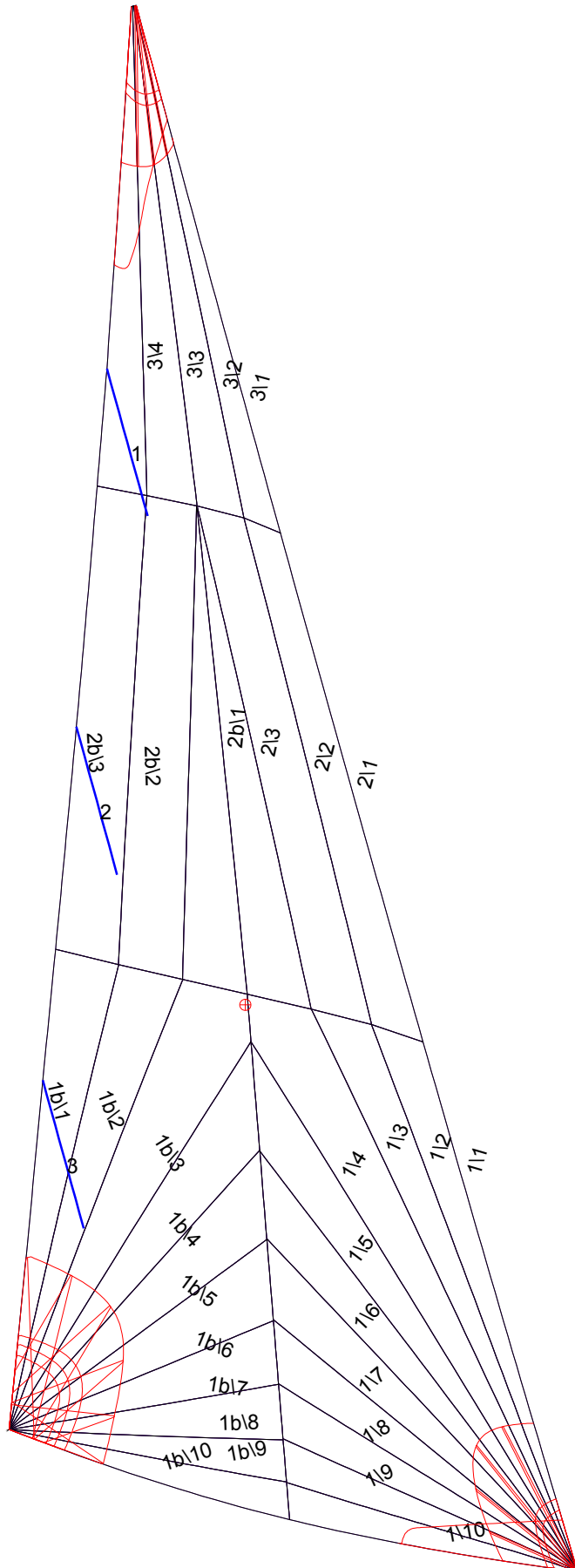
Battens

Position	Length	Roach	Angle	Luff	Leech	Full
75.000%	1.000m	-0.015m	159.461?	105.666m	6.967m	
50.000%	1.000m	-0.020m	159.461?	217.112m	4.645m	
25.000%	1.000m	-0.015m	159.461?	328.557m	2.322m	

Luff Curve

Position	Length	Fanned Luff (@ 5.00% [0.185m])	Before BSeam
10.569m,	0.000m	100% (10.569m) :	-0.000m
7.927m,	0.045m	90% (9.512m) :	-0.021m
5.285m,	0.061m	80% (8.455m) :	-0.040m
2.642m,	0.045m	70% (7.398m) :	-0.054m
0.000m,	0.000m	60% (6.341m) :	-0.063m
		50% (5.284m) :	-0.067m
		40% (4.227m) :	-0.066m
		30% (3.170m) :	-0.059m
		20% (2.114m) :	-0.045m
		10% (1.056m) :	-0.024m
		0% (0.000m) :	0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3	0.025m	0.015m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	3.92
Radial/Vertical	71.80
Bi-Radial Split	6.84

Materials

Material	Area (m ²)	Panels
Material 1	18.53	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 2\1,2\2,2\3,2b\1,2b\2 2b\3,3\1,3\2,3\3,3\4