

Mainsail: 7000402 Pier-1 Bavaria30 Mainsail.des

Job Number:

Design Info
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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-1

Job No:
Initial Design Date: 13/4/2023
Boat:

Comments:

Client:

Design Data
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Main

Measurements

Luff geodesic:	11.200m
Leech geodesic:	11.820m
Foot geodesic:	4.380m
Head geodesic:	0.115m
Upper width (MUW):	0.723m
Three-quarter width (MTW):	1.338m
Half width (MHW):	2.483m
Quarter width (MQW):	3.482m
Foot median:	11.396m
ORC Mainsail area:	26.735m ²
Surface area:	27.099m ²
Clew height:	0.160m
Mast rake:	0.150m

Battens

Position	Length	Roach	Angle	Luff	Leech	Full
80.000%	1.132m	0.122m	71.681?	8.955m	9.422m	Full
60.000%	2.073m	0.155m	71.681?	6.717m	7.067m	Full
40.000%	1.600m	0.135m	71.681?	4.478m	4.711m	
20.000%	1.600m	0.076m	71.681?	2.239m	2.356m	

Reefing Points

- 1, Luff: 1.450m ; Leech: 1.526m ; Offset: 0.000m ; Number Eyelets: 2
- 2, Luff: 2.450m ; Leech: 2.434m ; Offset: 0.000m ; Number Eyelets: 2

Luff Curve

		Fanned Luff (@ 5.00% [0.218m])	Before BSeam
11.200m,	0.000m	100% (11.200m) :	0.000m
10.069m,	0.000m	90% (10.080m) :	-0.001m
8.960m,	0.000m	80% (8.960m) :	-0.001m
7.829m,	0.000m	70% (7.840m) :	-0.002m
6.720m,	0.000m	60% (6.720m) :	-0.003m
5.062m,	0.000m	50% (5.600m) :	-0.004m
3.360m,	0.000m	40% (4.480m) :	-0.006m
1.779m,	0.000m	30% (3.360m) :	-0.007m
0.000m,	0.000m	20% (2.240m) :	-0.007m
		10% (1.120m) :	-0.005m
		0% (0.000m) :	-0.000m

