

Asymmetric: 8000924 Marc Nautitech46 FLY 2017 ScreecherV2.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000924 Marc 201

Initial Design Date: 26/9/2024
Boat:
Nautitech46 FLY2017 Screecher
Client:

Comments:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	19.500m	
Leech length (SLE):	17.200m	
Foot length (SFL):	12.070m	
Headboard Width:	0.015m	
Three-quarter width:	3.993m	Closest Pt: 3.323m
Half width (SHW):	7.356m	Closest Pt: 6.345m
Quarter width:	9.927m	Closest Pt: 8.785m
ORC Area:	126.899m?	
IRC Area:	126.392m?	
Surface Area:	120.396m?	
Hoist height:	18.880m	
J:	7.100m	

Luff Curve

15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.583m])

100% (19.485m) :	0.000m	-0.000m
90% (17.536m) :	-0.126m	0.081m
80% (15.587m) :	-0.228m	0.187m
70% (13.639m) :	-0.294m	0.292m
60% (11.690m) :	-0.330m	0.358m
50% (9.742m) :	-0.333m	0.380m
40% (7.794m) :	-0.310m	0.361m
30% (5.846m) :	-0.261m	0.308m
20% (3.897m) :	-0.188m	0.225m
10% (1.949m) :	-0.097m	0.118m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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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/a	0.025m	0.015m	0.025m
Zone: 3/b	0.025m	0.015m	0.025m
Zone: 4	0.025m	0.015m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	23.58
Radial/Vertical	351.54
Bi-Radial Split	11.11

Materials

Material	Area (m ²)	Panels
Material 1	120.63	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1\13,1\14,1\15 1\16,1b\1,1b\2,1b\3,1b\4 1b\5,1b\6,1b\7,1b\8,1b\9 1b\10,1b\11,1b\12,1b\13,1b\14 1b\15,1b\16,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9,2b\9,2b\8,2b\7,2b\6 2b\5,2b\4,2b\3,2b\2,2b\1 3\1,3\2,3\3,3\4,3\5 3\6,3\7,3\8,3b\8,3b\7 3b\6,3b\5,3b\4,3b\3,3b\2 3b\1,4\1,4\2,4\3,4\4 4\5,4\6,4\7,4\8,4\9 4\10,4\11,4\12

