

Asymmetric: 8000924 Marc Nautitech46 FLY 2017 DrifterV1.des

Design Info
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Initial Design Date: 25/9/2024
Boat:
Nautitech46 FLY2017
Client:

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

Comments:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	19.330m	
Leech length (SLE):	17.385m	
Foot length (SFL):	11.715m	
Headboard Width:	0.015m	
Three-quarter width:	3.079m	Closest Pt: 2.734m
Half width (SHW):	6.142m	Closest Pt: 5.500m
Quarter width:	9.101m	Closest Pt: 8.293m
ORC Area:	111.018m ²	
IRC Area:	110.574m ²	
Surface Area:	110.090m ²	
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% [0.565m])

100% (19.326m) :	0.000m	-0.000m
90% (17.358m) :	-0.067m	0.122m
80% (15.400m) :	-0.119m	0.238m
70% (13.455m) :	-0.149m	0.347m
60% (11.519m) :	-0.163m	0.436m
50% (9.589m) :	-0.164m	0.493m
40% (7.664m) :	-0.151m	0.508m
30% (5.743m) :	-0.126m	0.472m
20% (3.826m) :	-0.091m	0.377m
10% (1.912m) :	-0.049m	0.220m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.035m	0.015m	0.035m
Zone: 1/b	0.035m	0.015m	0.035m
Zone: 2/a	0.035m	0.015m	0.035m
Zone: 2/b	0.035m	0.015m	0.035m
Zone: 3/a	0.035m	0.015m	0.035m
Zone: 3/b	0.035m	0.015m	0.035m
Zone: 4	0.035m	0.015m	0.035m
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m
Cover 3	0.025m	0.025m	0.025m
Cover 4	0.025m	0.025m	0.025m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.000m	0.070m	0.070m
Cover 1	0.050m	0.070m	0.000m
Cover 2	0.070m	0.070m	0.080m
Cover 3	0.070m	0.100m	0.070m

Total Seam Lengths (m)

Horizontal	20.66
Radial/Vertical	301.10
Bi-Radial Split	11.31

Materials

Material	Area (m ²)	Panels
Material 1	109.92	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 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\14,2\1 2\2,2\3,2\4,2\5,2\6 2\7,2\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\7,3b\1,3b\2,3b\3,3b\4 3b\5,3b\6,4\1,4\2,4\3 4\4,4\5,4\6,4\7,4\8 4\9,4\10

