

Asymmetric: 8000105 Eric Jeanneau Sun Odyssey 42 DS A3 Spin.des

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000105 Eric\8000105

Initial Design Date: 19/1/2024
Boat:

Comments:

Client:

Design Data
=====

Asymmetric

Measurements

Luff length (SLU):	16.400m	
Leech length (SLE):	15.061m	
Foot length (SFL):	8.748m	
Headboard Width:	0.005m	
Three-quarter width:	4.113m	Closest Pt: 3.764m
Half width (SHW):	7.216m	Closest Pt: 6.826m
Quarter width:	8.360m	Closest Pt: 8.337m
ORC Area:	98.606m?	
IRC Area:	98.211m?	
Surface Area:	101.985m?	
Hoist height:	15.760m	
J:	4.860m	

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% [0.369m])

100% (16.285m) :	-0.000m	0.000m
88% (14.387m) :	-0.197m	0.560m
77% (12.559m) :	-0.385m	1.059m
66% (10.828m) :	-0.553m	1.416m
57% (9.208m) :	-0.693m	1.561m
47% (7.663m) :	-0.793m	1.536m
38% (6.146m) :	-0.834m	1.368m
28% (4.632m) :	-0.798m	1.085m
19% (3.108m) :	-0.651m	0.739m
10% (1.563m) :	-0.366m	0.380m
0% (0.000m) :	0.000m	0.000m

Before BSeam

Asymmetric: 8000105 Eric Jeanneau Sun Odyssey 42 DS A3 Spin.des

Seam Allowances

Zone:	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
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	22.70
Radial/Vertical	294.48
Bi-Radial Split	10.66

Materials

Material	Area (m ²)	Panels
orange	66.54	1\2,1\3,1\4,1\5,1\6 1\10,1\12,1\14,1\16,1b\2 1b\3,1b\4,1b\5,1b\6,1b\10 1b\12,1b\14,1b\16,2\2,2\3 2\4,2\5,2\6,2b\6,2b\5 2b\4,2b\3,2b\2,3\2,3\3 3\4,3\5,3\6,3b\6,3b\5 3b\4,3b\3,3b\2,4\2,4\3 4\4,4\5,4\6,4\7,4\8 4\9,4\10,4\11
black	35.25	1\1,1\7,1\8,1\9,1\11 1\13,1\15,1b\1,1b\7,1b\8 1b\9,1b\11,1b\13,1b\15,2\1 2\7,2\8,2\9,2b\9,2b\8 2b\7,2b\1,3\1,3\7,3\8 3b\8,3b\7,3b\1,4\1,4\12

