

Asymmetric: 8000315 Jens Dufour Gib Sea43 code 0 V1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000315 Jens Duf

Initial Design Date: 22/2/2024
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	14.900m	
Leech length (SLE):	14.150m	
Foot length (SFL):	9.400m	
Headboard Width:	0.015m	
Three-quarter width:	3.357m	Closest Pt: 2.890m
Half width (SHW):	6.053m	Closest Pt: 5.429m
Quarter width:	7.962m	Closest Pt: 7.359m
ORC Area:	81.371m?	
IRC Area:	81.045m?	
Surface Area:	78.423m?	
Hoist height:	15.050m	
J:	5.600m	

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% [0.451m])

100% (14.878m) :	0.000m	0.000m
90% (13.390m) :	-0.130m	0.057m
80% (11.901m) :	-0.243m	0.137m
70% (10.413m) :	-0.319m	0.227m
60% (8.926m) :	-0.353m	0.288m
50% (7.439m) :	-0.347m	0.310m
40% (5.952m) :	-0.317m	0.297m
30% (4.464m) :	-0.266m	0.249m
20% (2.977m) :	-0.194m	0.193m
10% (1.488m) :	-0.102m	0.114m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.016m	0.025m
Zone: 1/b	0.025m	0.016m	0.025m
Zone: 2/a	0.025m	0.016m	0.025m
Zone: 2/b	0.025m	0.016m	0.025m
Zone: 3/a	0.025m	0.016m	0.025m
Zone: 3/b	0.025m	0.016m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	12.49
Radial/Vertical	244.57
Bi-Radial Split	14.39

Materials

Material	Area (m ²)	Panels
Material 1	38.84	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\7,3b\6,3b\5,3b\4,3b\3 3b\2,3b\1
Material 2	38.43	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\14,2b\7 2b\6,2b\5,2b\4,2b\3,2b\2 2b\1,3\1,3\2,3\3,3\4 3\6 3\5
Material 3	1.31	3\5

