

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

## Design Info

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Initial Design Date: 19/2/2024

Boat:

Client:

## Design File:

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

Comments:

## Design Data

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### Asymmetric

#### Measurements

Luff length (SLU): 14.750m  
Leech length (SLE): 14.000m  
Foot length (SFL): 9.400m  
Headboard Width: 0.015m  
Three-quarter width: 3.354m  
Half width (SHW): 6.051m  
Quarter width: 7.962m  
ORC Area: 80.514m?  
IRC Area: 80.192m?  
Surface Area: 77.547m?  
Hoist height: 15.050m  
J: 5.600m

Closest Pt: 2.879m  
Closest Pt: 5.415m  
Closest Pt: 7.348m

#### 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% (14.728m) : 0.000m  
90% (13.254m) : -0.130m  
80% (11.781m) : -0.243m  
70% (10.308m) : -0.319m  
60% (8.836m) : -0.353m  
50% (7.364m) : -0.347m  
40% (5.891m) : -0.317m  
30% (4.419m) : -0.266m  
20% (2.946m) : -0.194m  
10% (1.473m) : -0.102m  
0% (0.000m) : 0.000m

#### Before BSeam

-0.000m  
0.058m  
0.134m  
0.225m  
0.286m  
0.309m  
0.296m  
0.248m  
0.193m  
0.114m  
0.000m

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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	242.75
Bi-Radial Split	14.23

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	38.40	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	38.00	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	1.29	3\6 3\5

