

Asymmetric: 8000819 Keith Dufour 410 Grand Large Asy spi A2-V1 colors

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000819 Keith Dufour

Initial Design Date: 31/8/2024
Boat:
Dufour 410 Grand Large
Client:

Comments:

Design Data
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Asymmetric

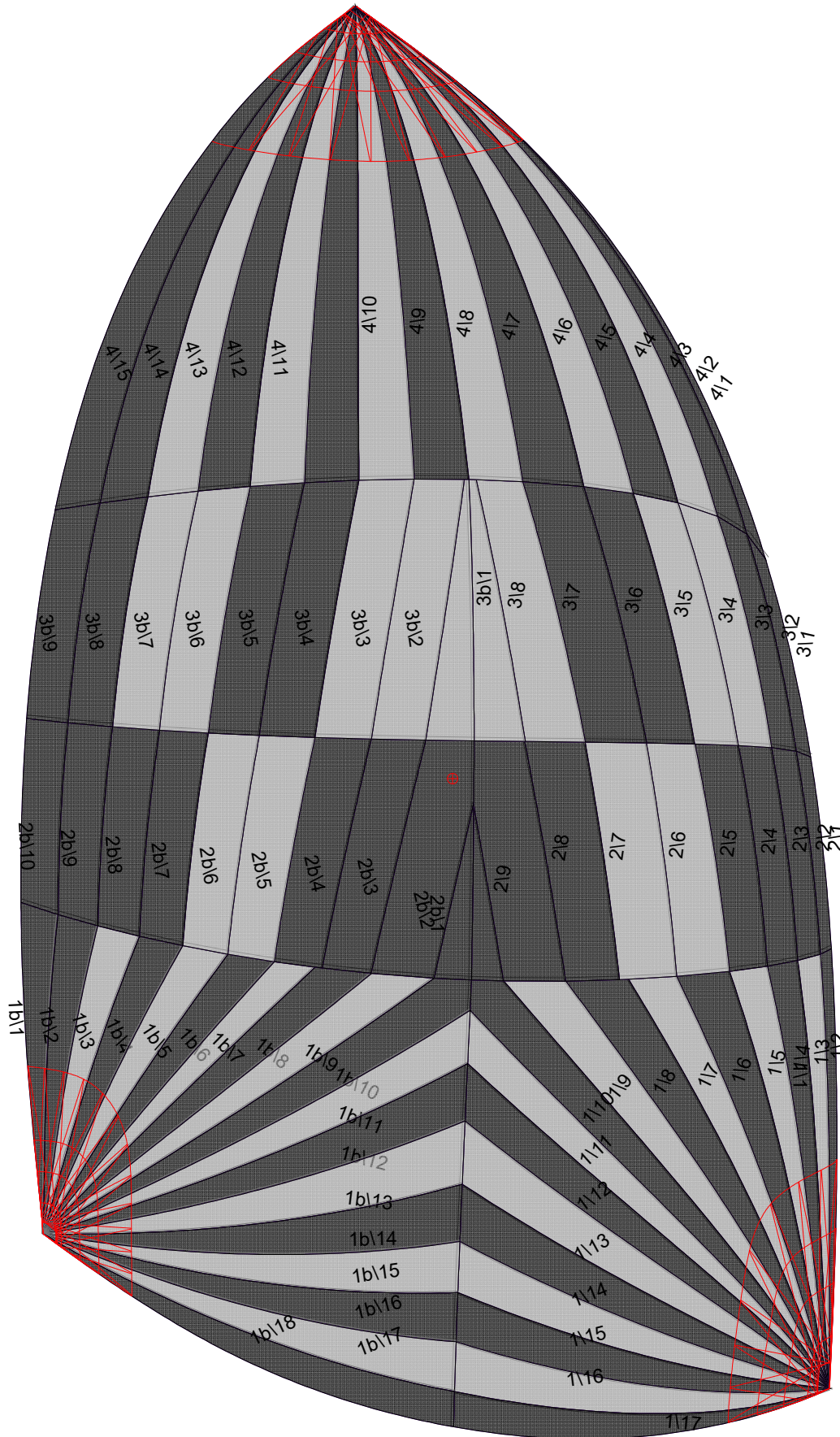
Measurements

Luff length (SLU):	17.300m	
Leech length (SLE):	15.959m	
Foot length (SFL):	10.080m	
Headboard Width:	0.020m	
Three-quarter width:	6.348m	Closest Pt: 4.980m
Half width (SHW):	10.331m	Closest Pt: 9.457m
Quarter width:	11.207m	Closest Pt: 11.545m
ORC Area:	142.468m ²	
IRC Area:	141.898m ²	
Surface Area:	151.566m ²	
Hoist height:	16.350m	
J:	5.600m	

Luff Curve

			Fanned Luff (@ 5.00% [0.440m])	Before BSeam
15.500m,	0.000m		100% (17.276m) :	0.000m -0.000m
11.625m,	0.000m		86% (14.797m) :	-0.128m 2.774m
7.750m,	0.000m		74% (12.793m) :	-0.266m 1.581m
3.875m,	0.000m		64% (11.031m) :	-0.367m 1.602m
0.000m,	0.000m		54% (9.380m) :	-0.412m 2.822m
			45% (7.784m) :	-0.413m 2.842m
			36% (6.217m) :	-0.380m 2.560m
			27% (4.663m) :	-0.317m 2.100m
			18% (3.111m) :	-0.225m 1.492m
			9% (1.557m) :	-0.113m 0.778m
			0% (0.000m) :	0.000m 0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.030m	0.016m	0.040m
Zone: 1/b	0.030m	0.016m	0.040m
Zone: 2/a	0.030m	0.016m	0.040m
Zone: 2/b	0.030m	0.016m	0.040m
Zone: 3/a	0.030m	0.016m	0.040m
Zone: 3/b	0.030m	0.016m	0.040m
Zone: 4	0.030m	0.016m	0.040m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	32.12
Radial/Vertical	367.80
Bi-Radial Split	11.52

Materials

Material	Area (m ²)	Panels
Black	89.68	1\1,1\3,1\5,1\7,1\9 1\11,1\13,1\15,1\17,1b\1 1b\2,1b\4,1b\6,1b\8,1b\10 1b\12,1b\14,1b\16,1b\18,2\1 2\2,2\3,2\4,2\7,2\8 2\9,2b\1,2b\2,2b\3,2b\4 2b\7,2b\8,2b\9,2b\10,3\1 3\2,3\5,3\6,3b\4,3b\5 3b\8,3b\9,4\1,4\2,4\4 4\6,4\8,4\10,4\12,4\14 4\15
Grey	61.85	1\2,1\4,1\6,1\8,1\10 1\12,1\14,1\16,1b\3,1b\5 1b\7,1b\9,1b\11,1b\13,1b\15 1b\17,2\5,2\6,2b\5,2b\6 3\3,3\4,3\7,3\8,3b\1 3b\2,3b\3,3b\6,3b\7,4\3 4\5,4\7,4\9,4\11,4\13