

Asymmetric: 7000917 Alfred-2 Beneteau First 41s5 ASpin.des

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000917 Alfred\700

Initial Design Date: 7/9/2023
Boat:

Client:

Comments:

Design Data
=====

Asymmetric

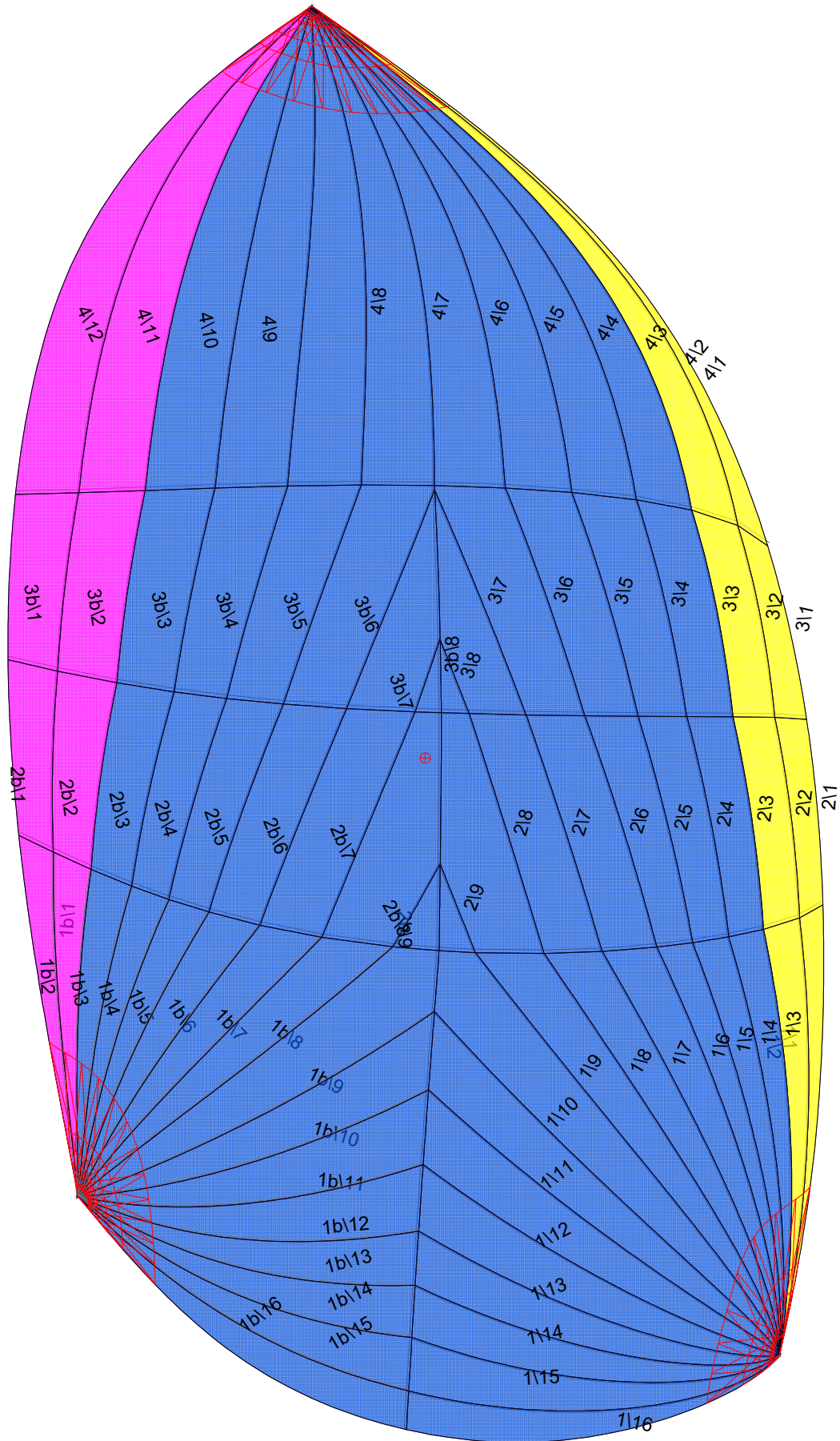
Measurements

Luff length (SLU):	17.500m	
Leech length (SLE):	17.061m	
Foot length (SFL):	9.360m	
Headboard Width:	0.010m	
Three-quarter width:	5.791m	Closest Pt: 5.024m
Half width (SHW):	9.801m	Closest Pt: 9.327m
Quarter width:	10.522m	Closest Pt: 10.758m
ORC Area:	139.865m?	
IRC Area:	139.305m?	
Surface Area:	148.460m?	
Hoist height:	15.000m	
J:	5.200m	

Luff Curve

		Fanned Luff (@ 5.00% [0.380m])	Before BSeam
15.500m,	0.000m	100% (17.087m) :	0.000m
11.625m,	0.000m	85% (14.552m) :	1.532m
7.750m,	0.000m	73% (12.404m) :	2.282m
3.875m,	0.000m	62% (10.642m) :	3.290m
0.000m,	0.000m	53% (9.067m) :	3.284m
		44% (7.564m) :	3.101m
		36% (6.085m) :	2.757m
		27% (4.605m) :	2.253m
		18% (3.107m) :	1.610m
		9% (1.576m) :	0.856m
		0% (0.000m) :	0.000m

Asymmetric: 7000917 Alfred-2 Beneteau First 41s5 ASpin.des



Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.038m
Zone: 1/b	0.025m	0.015m	0.038m
Zone: 2/a	0.025m	0.015m	0.038m
Zone: 2/b	0.025m	0.015m	0.038m
Zone: 3/a	0.025m	0.015m	0.038m
Zone: 3/b	0.025m	0.015m	0.038m
Zone: 4	0.025m	0.015m	0.038m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	30.49
Radial/Vertical	324.54
Bi-Radial Split	11.55

Materials

Material	Area (m ²)	Panels
pink	15.67	1b1,1b2,2b2,2b1,3b2,3b1,4,11,4,12
middle blue	115.55	113,114,115,116,117,118,119,1110,1111,1112,1113,1114,1115,1116,1b13,1b14,1b15,1b16,1b17,1b18,1b19,1b110,1b111,1b112,1b113,1b114,1b115,1b116,213,214,215,216,217,218,219,2b19,2b18,2b17,2b16,2b15,2b14,2b13,313,314,315,316,317,318,3b18,3b17,3b16,3b15,3b14,3b13,413,414,415,416,417,418,419,4110
fluor yellow	17.15	111,112,211,212,311,312,411,412