

Asymmetric: 8000118 Tom-2 Landing School 30 Aspin A2 V2.des

Design Info =====

Initial Design Date: 20/2/2024
Boat:
Landing School 30
Client:

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000118 Tom\8000118 Tom-2 Landing School 30 Aspin A2 V2.des

Comments:

Design Data =====

Asymmetric

Measurements

Luff length (SLU):	11.200m	
Leech length (SLE):	10.113m	
Foot length (SFL):	5.160m	
Headboard Width:	0.025m	
Three-quarter width:	3.481m	Closest Pt: 3.096m
Half width (SHW):	5.762m	Closest Pt: 5.479m
Quarter width:	9.721m	Closest Pt: 6.133m
ORC Area:	50.097m?	
IRC Area:	49.897m?	
Surface Area:	52.100m?	
Hoist height:	9.750m	
J:	2.790m	

Luff Curve

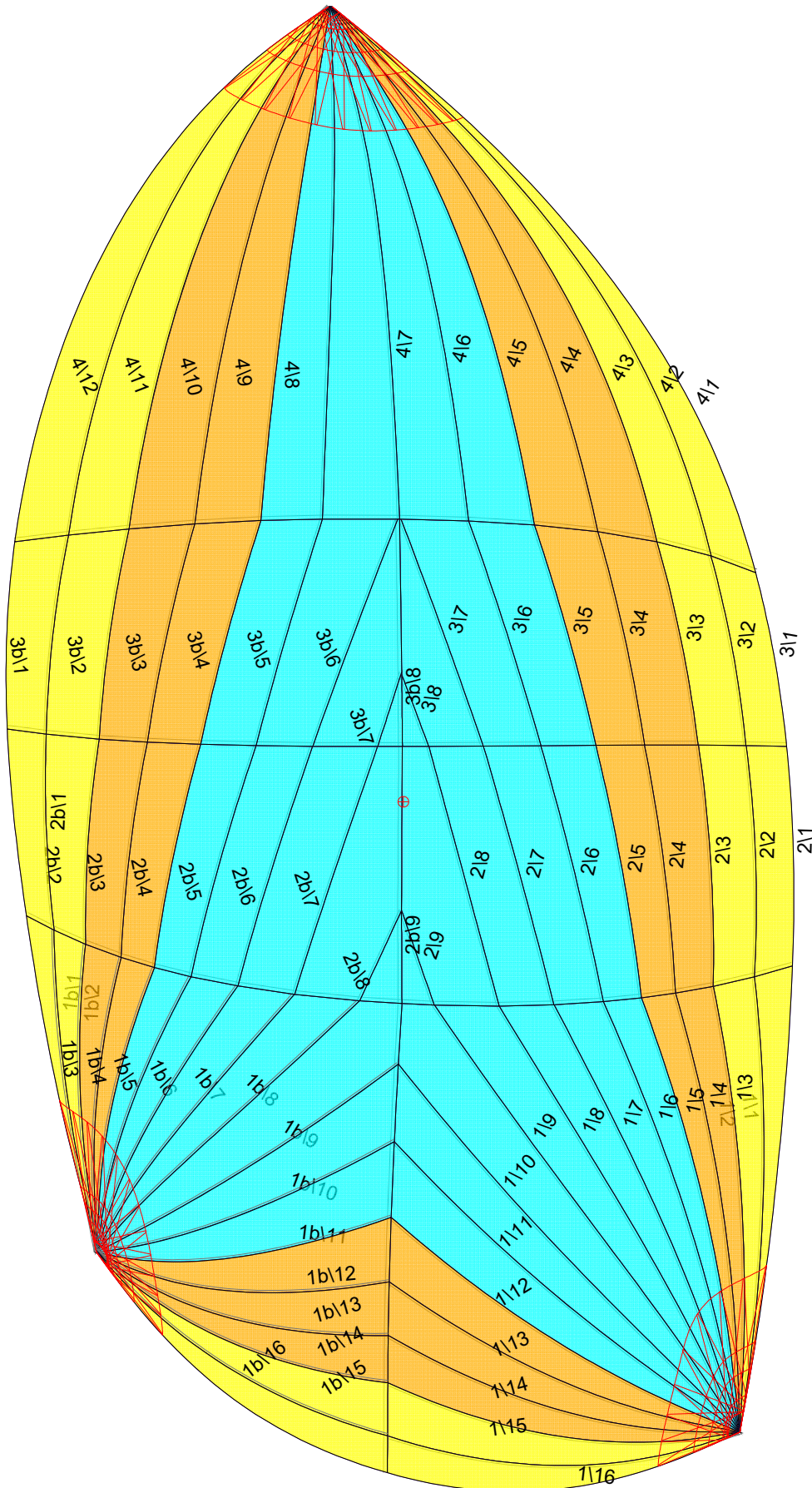
15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.215m])

100% (11.147m) :	0.000m	0.000m
86% (9.575m) :	-0.111m	0.720m
74% (8.236m) :	-0.207m	1.250m
64% (7.086m) :	-0.279m	1.580m
54% (6.062m) :	-0.352m	1.708m
46% (5.094m) :	-0.418m	1.673m
37% (4.139m) :	-0.460m	1.505m
28% (3.171m) :	-0.457m	1.230m
19% (2.168m) :	-0.383m	0.886m
10% (1.113m) :	-0.223m	0.480m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

	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
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	17.54
Radial/Vertical	194.41
Bi-Radial Split	7.25

Materials

Material	Area (m ²)	Panels
orange	14.97	1\3,1\4,1\12,1\13,1\14 1b\3,1b\4,1b\12,1b\13,1b\14 2\3,2\4,2b\4,2b\3,3\3 3\4,3b\4,3b\3,4\3,4\4 4\9,4\10
yellow	13.74	1\1,1\2,1\15,1\16,1b\1 1b\2,1b\15,1b\16,2\1,2\2 2b\2,2b\1,3\1,3\2,3b\2 3b\1,4\1,4\2,4\11,4\12
light blue	23.35	1\5,1\6,1\7,1\8,1\9 1\10,1\11,1b\5,1b\6,1b\7 1b\8,1b\9,1b\10,1b\11,2\5 2\6,2\7,2\8,2\9,2b\9 2b\8,2b\7,2b\6,2b\5,3\5 3\6,3\7,3\8,3b\8,3b\7 3b\6,3b\5,4\5,4\6,4\7 4\8