

Asymmetric: 7000910 Rodney -1 Hunter28.5 Asy spin.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confrimed\7000910 Rodney\70

Initial Design Date: 12/9/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	11.930m	
Leech length (SLE):	10.677m	
Foot length (SFL):	6.620m	
Headboard Width:	0.010m	
Three-quarter width:	3.544m	Closest Pt: 3.022m
Half width (SHW):	5.998m	Closest Pt: 5.558m
Quarter width:	6.723m	Closest Pt: 6.709m
ORC Area:	57.669m?	
IRC Area:	57.438m?	
Surface Area:	60.139m?	
Hoist height:	11.380m	
J:	3.680m	

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% [0.272m])

100% (11.766m) :	0.000m	0.000m
87% (10.253m) :	-0.278m	0.326m
75% (8.870m) :	-0.576m	1.501m
65% (7.638m) :	-0.795m	1.835m
55% (6.503m) :	-0.896m	1.849m
46% (5.411m) :	-0.902m	1.733m
37% (4.335m) :	-0.821m	1.507m
28% (3.261m) :	-0.667m	1.191m
19% (2.180m) :	-0.467m	0.820m
9% (1.092m) :	-0.239m	0.418m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	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
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	18.82
Radial/Vertical	213.93
Bi-Radial Split	7.60

Materials

Material	Area (m ²)	Panels
Ocean blue	22.66	1\1,1\2,1\8,1\9,1\10 1\15,1\16,1b\1,1b\2,1b\8 1b\9,1b\10,1b\15,1b\16,2\1 2\2,2\8,2\9,2b\9,2b\8 2b\2,2b\1,3\1,3\2,3\8 3b\8,3b\2,3b\1,4\1,4\2 4\11,4\12
green	23.49	1\3,1\4,1\5,1\11,1\12 1b\3,1b\4,1b\5,1b\11,1b\12 2\3,2\4,2\5,2b\5,2b\4 2b\3,3\3,3\4,3\5,3b\5 3b\4,3b\3,4\3,4\4,4\5 4\8,4\9,4\10
blue	13.96	1\6,1\7,1\13,1\14,1b\6 1b\7,1b\13,1b\14,2\6,2\7 2b\7,2b\6,3\6,3\7,3b\7 3b\6,4\6,4\7

