

Spinnaker: 7000904 Chris S2 6.9 sym spinnaker.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed Order\7000904 Chr

Initial Design Date: 7/9/2023
Boat:

Comments:

Client:

Design Data
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Spinnaker

Measurements

Leech length (SLE): 8.272m
Foot length (SFL): 4.279m
Headboard Width: 0.005m
Maximum width (39.9%): 4.671m
Three-quarter width: 3.178m
Half width (SHW): 4.600m
Quarter width: 4.599m
Foot median: 9.128m
ORC Spinnaker Area: 31.266m?
IRC Spinnaker Area: 31.141m?
Surface Area: 33.921m?
Hoist height: 7.925m
Pole Length: 2.377m

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% [0.169m])

100% (6.396m) : 0.000m
79% (5.030m) : -1.033m
57% (3.653m) : -1.486m
36% (2.277m) : -1.096m
44% (2.804m) : -0.558m
56% (3.584m) : -0.315m
41% (2.638m) : -0.102m
33% (2.097m) : 0.444m
22% (1.394m) : 0.387m
11% (0.721m) : 0.198m
0% (0.000m) : 0.000m

Before BSeam

-0.000m
1.392m
1.680m
1.752m
1.668m
1.483m
1.236m
0.953m
0.657m
0.346m
0.000m

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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

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	9.15
Radial/Vertical	130.30
Bi-Radial Split	9.26

Materials

Material	Area (m ²)	Panels
dark green	25.11	1\1, 1\2, 1\3, 1\4, 1\5 1\9, 1\10, 1\11, 1\12, 1\13 1b\1, 1b\2, 1b\3, 1b\4, 1b\5 1b\9, 1b\10, 1b\11, 1b\12, 1b\13 2\1, 2\2, 2\3, 2\4, 2\5 2b\5, 2b\4, 2b\3, 2b\2, 2b\1 3\1, 3\2, 3\3, 3\4, 3\5 3b\5, 3b\4, 3b\3, 3b\2, 3b\1 1\7, 1b\7, 2\7, 2b\7 1\6, 1\8, 1b\6, 1b\8, 2\6 2b\6, 3\6, 3b\6
black	2.63	
white	6.13	

