





Rig and Sail Plan Dimensions

	<u>Main</u>		<u>Fore</u>		<u>Spin</u>
P	14.950	IG	15.600	SPL	4.674
E	4.800	J	4.674	SMW	6.000
BAD	1.772	LP	6.540	SLU	14.500
		HBI	1.486	SLE	14.500
				ISP	16.700

Sail Inventory

<u>Name</u>	<u>Area</u>	<u>Span</u>	<u>BaseHt</u>	<u>AFx</u>	<u>Aero</u>	<u>Base</u>
Spin	112.000	14.700	2.000	0.750	Spin_0	SPIN
Main	43.500	15.000	1.772	1.000	Main_0	MAIN
Jib	49.600	14.350	0.600	1.000	Jib_0	HEAD

Windage Elements

<u>Name</u>	<u>Ax</u>	<u>Ay</u>	<u>Cdx</u>	<u>Cdy</u>	<u>Ht</u>	<u>Type</u>
MainRigging	1.409	1.409	1.000	1.000	7.044	other
MastSail	2.348	3.271	0.400	1.000	7.044	mast w/sail
MastBare	2.348	3.271	0.800	1.100	7.044	mast bare
Hull	6.800	20.000	0.400	0.900	-0.594	hull

Sail Sets and Member Sails

<u>Upwind</u>	<u>Downwind</u>
<u>[Up]</u>	<u>[Dn]</u>
Jib	Spin
Main	Main

Opsets

<u>Name</u>	<u>Flotation</u>	<u>SailSet</u>	<u>VtLo</u>	<u>VtHi</u>	<u>BtLo</u>	<u>BtHi</u>	<u>VaLim</u>	<u>UpOpt</u>	<u>DnOpt</u>
Ops_Upwind	OC1142	Upwind	4.0	30.0	30.0	120.0	70.0	*	
Ops_Down	OC1142	Downwind	4.0	30.0	70.0	180.0	70.0		*

Notes

gréement standard

Best Boatspeeds (kt)

	<u>4</u>	<u>8</u>	<u>12</u>	<u>16</u>	<u>20</u>	<u>25</u>	<u>30</u>
40.0	2.81	5.20	6.29	6.69	6.82	6.79	6.42
45.0	3.20	5.74	6.80	7.15	7.31	7.38	7.28
52.0	3.64	6.30	7.27	7.59	7.76	7.87	7.89
60.0	4.00	6.73	7.64	7.93	8.11	8.24	8.30
75.0	4.34	7.06	8.04	8.36	8.57	8.75	8.87
90.0	4.67	7.40	8.07	8.63	8.91	9.13	9.29
120.0	4.28	7.10	8.28	8.91	9.31	9.73	10.15
135.0	3.47	6.35	7.88	8.76	9.54	10.37	11.05
150.0	2.69	5.27	7.14	8.20	9.05	10.22	11.87
165.0	2.26	4.53	6.47	7.79	8.64	9.69	11.21
180.0	2.12	4.26	6.15	7.56	8.45	9.46	10.78
Up.Vs	3.37	5.68	6.54	6.76	6.97	7.13	7.24
Up.Bt	47.6	44.4	42.2	40.7	41.2	42.6	44.6
Up.Vmg	2.27	4.06	4.84	5.13	5.24	5.25	5.15
Dn.Vs	3.35	5.73	6.63	7.60	8.47	9.49	11.09
Dn.Bt	137.1	143.6	160.9	175.0	177.1	176.5	167.7
Dn.Vmg	2.46	4.62	6.26	7.58	8.45	9.47	10.84