

# First Class 10

----- 3.0 knots True Wind Speed -----									
	36.0	4.8	21.8	1.936	1.566	.7	3.81	1.00	1.00
	44.0	5.1	25.5	2.380	1.712	.8	2.89	1.00	1.00
<b>OPT Tack</b>	<b>46.4</b>	<b>5.2</b>	<b>26.5</b>	<b>2.496</b>	<b>1.720</b>	<b>.8</b>	<b>2.70</b>	<b>1.00</b>	<b>1.00</b>
	52.0	5.3	28.8	2.728	1.679	.8	2.36	1.00	1.00
	60.0	5.3	32.0	2.982	1.491	.8	2.00	1.00	1.00
	70.0	5.2	36.1	3.179	1.087	.8	1.67	1.00	1.00
	80.0	4.9	40.7	3.250	.564	.7	1.42	1.00	1.00
	87.0								
----- ^ Genoa / Spinnaker v -----									
	90.0	4.5	45.4	3.293	0.000	.7	1.20	1.00	1.00
	105.0	3.9	53.2	3.266	-.845	.6	.97	1.00	1.00
	120.0	3.0	66.1	2.890	-1.445	.3	.66	1.00	1.00
	135.0	2.2	87.5	2.371	-1.677	.1	.37	1.00	1.00
<b>OPT Gybe</b>	<b>139.2</b>	<b>2.0</b>	<b>95.4</b>	<b>2.226</b>	<b>-1.685</b>	<b>.1</b>	<b>.30</b>	<b>1.00</b>	<b>1.00</b>
	150.0	1.8	118.3	1.887	-1.634	0.0	.15	1.00	1.00
	165.0	1.6	150.2	1.601	-1.546	0.0	.09	1.00	1.00
	180.0	1.6	180.0	1.474	-1.474	0.0	.04	1.00	1.00
----- Handicaps: ----- (seconds/mile) -----									
Optimum Tack:	2092.4	Gybe:	2136.4	60deg:	1207.2	~100:	1099.3	135:	1518.1
Linear-random:	1453.8	Circ:	1545.7	Olymp:	1950.6	W/L:	2114.4	AC92:	1899.7
BELL Versions:	1562.5		:1623.4		:2164.0		:2356.4	GPH:	617.1

----- 4.0 knots True Wind Speed -----									
	36.0	6.4	21.8	2.561	2.072	1.2	3.85	1.00	1.00
	44.0	6.8	25.6	3.120	2.244	1.4	2.95	1.00	1.00
<b>OPT Tack</b>	<b>45.4</b>	<b>6.8</b>	<b>26.2</b>	<b>3.205</b>	<b>2.248</b>	<b>1.4</b>	<b>2.84</b>	<b>1.00</b>	<b>1.00</b>
	52.0	6.9	29.1	3.532	2.175	1.5	2.43	1.00	1.00
	60.0	6.9	32.5	3.827	1.913	1.5	2.07	1.00	1.00
	70.0	6.7	37.0	4.051	1.385	1.4	1.74	1.00	1.00
	80.0	6.3	41.8	4.128	.717	1.2	1.48	1.00	1.00
	84.6								
----- ^ Genoa / Spinnaker v -----									
	90.0	5.9	46.3	4.251	0.000	1.3	1.27	1.00	1.00
	105.0	5.1	54.8	4.158	-1.076	1.0	.99	1.00	1.00
	120.0	4.0	67.8	3.719	-1.859	.5	.67	1.00	1.00
	135.0	2.9	88.4	3.113	-2.201	.2	.37	1.00	1.00
<b>OPT Gybe</b>	<b>140.9</b>	<b>2.6</b>	<b>99.3</b>	<b>2.865</b>	<b>-2.224</b>	<b>.1</b>	<b>.27</b>	<b>1.00</b>	<b>1.00</b>
	150.0	2.3	118.6	2.502	-2.167	.1	.15	1.00	1.00
	165.0	2.2	150.3	2.127	-2.055	0.0	.09	1.00	1.00
	180.0	2.2	180.0	1.959	-1.959	0.0	.04	1.00	1.00
----- Handicaps: ----- (seconds/mile) -----									
Optimum Tack:	1601.3	Gybe:	1619.0	60deg:	940.7	~100:	859.4	135:	1156.6
Linear-random:	1119.8	Circ:	1181.7	Olymp:	1488.4	W/L:	1610.1	AC92:	1450.3
BELL Versions:	1191.6		:1234.3		:1627.9		:1763.1	GPH:	617.1

----- 6.0 knots True Wind Speed -----

	36.0	9.5	21.9	3.692	2.987	2.8	4.05	1.00	1.00
	44.0	9.9	26.0	4.406	3.170	3.2	3.16	1.00	1.00
OPT Tack	44.5	9.9	26.3	4.442	3.170	3.2	3.12	1.00	1.00
	52.0	10.1	29.8	4.946	3.045	3.4	2.61	1.00	1.00
	60.0	10.0	33.5	5.346	2.673	3.4	2.22	1.00	1.00
	70.0	9.7	38.2	5.654	1.934	3.1	1.86	1.00	1.00
	80.0	9.2	43.4	5.755	.999	2.7	1.58	1.00	1.00

----- 80.7 ----- ^ Genoa / Spinnaker v -----

	90.0	8.7	47.9	6.038	0.000	3.1	1.38	1.00	1.00
	105.0	7.3	57.2	5.827	-1.508	2.1	1.04	1.00	1.00
	120.0	5.8	71.0	5.208	-2.604	1.1	.70	1.00	1.00
	135.0	4.4	91.5	4.423	-3.128	.4	.38	1.00	1.00
OPT Gybe	143.6	3.8	106.9	3.977	-3.202	.2	.23	1.00	1.00
	150.0	3.6	120.0	3.652	-3.163	.1	.16	1.00	1.00
	165.0	3.3	150.6	3.155	-3.048	.1	.09	1.00	1.00
	180.0	3.3	180.0	2.917	-2.917	0.0	.05	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----

Optimum Tack: 1135.6 Gybe:1124.2 60deg: 673.4 ~100: 610.5 135: 813.9  
 Linear-random: 789.4 Circ: 828.0 Olymp:1049.5 W/L:1129.9 AC92:1020.5  
 BELL Versions: 835.6 : 861.8 :1122.4 :1204.6 GPH: 617.1

----- 8.0 knots True Wind Speed -----

	36.0	12.4	22.0	4.661	3.771	6.8	4.33	1.00	1.00
	44.0	12.8	26.2	5.540	3.985	9.0	3.36	1.00	1.00
C. Tack	44.6	12.9	26.5	5.596	3.986	9.1	3.31	1.00	1.00
	52.0	13.0	30.2	6.194	3.813	9.9	2.77	1.00	1.00
	60.0	12.9	34.3	6.577	3.288	9.4	2.39	1.00	1.00
	70.0	12.4	39.8	6.819	2.332	7.4	2.04	1.00	1.00

----- 77.5 ----- ^ Genoa / Spinnaker v -----

	80.0	11.7	45.2	7.000	1.215	9.3	1.77	1.00	1.00
	90.0	10.9	50.9	7.141	0.000	7.4	1.56	1.00	1.00
	105.0	9.4	61.0	6.983	-1.807	3.5	1.12	1.00	1.00
	120.0	7.6	73.8	6.534	-3.267	1.8	.72	1.00	1.00
	135.0	5.9	93.6	5.670	-4.009	.7	.39	1.00	1.00
OPT Gybe	143.9	5.2	109.4	5.087	-4.109	.3	.23	1.00	1.00
	150.0	4.8	121.6	4.702	-4.072	.2	.17	1.00	1.00
	165.0	4.5	151.2	4.111	-3.971	.1	.10	1.00	1.00
	180.0	4.5	180.0	3.818	-3.818	0.0	.05	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----

Optimum Tack: 903.1 Gybe: 876.0 60deg: 547.4 ~100: 511.7 135: 635.0  
 Linear-random: 640.2 Circ: 668.0 Olymp: 828.1 W/L: 889.6 AC92: 807.3  
 BELL Versions: 673.8 : 693.8 : 903.1 : 968.2 GPH: 617.1

----- 10.0 knots True Wind Speed -----

	36.0	14.9	21.6	5.335	4.316	16.0	4.60	.96	1.00
<b>OPT Tack</b>	<b>42.4</b>	<b>15.2</b>	<b>25.1</b>	<b>6.093</b>	<b>4.497</b>	<b>18.7</b>	<b>3.72</b>	<b>.96</b>	<b>1.00</b>
	44.0	15.2	25.9	6.237	4.487	19.1	3.58	.96	1.00
	52.0	15.1	30.2	6.779	4.173	20.8	3.11	1.00	1.00
	60.0	14.9	34.9	7.131	3.565	19.4	2.71	1.00	1.00
	70.0	14.4	41.3	7.410	2.534	16.1	2.31	1.00	1.00
	77.8			^ Genoa / Spinnaker v					
	80.0	13.4	46.7	7.596	1.319	20.3	2.03	1.00	1.00
	90.0	12.6	53.6	7.796	0.000	15.6	1.72	1.00	1.00
	105.0	11.2	64.9	7.758	-2.008	6.0	1.23	1.00	1.00
	120.0	9.2	78.4	7.338	-3.669	2.6	.78	1.00	1.00
	135.0	7.4	96.4	6.705	-4.741	1.0	.40	1.00	1.00
<b>OPT Gybe</b>	<b>145.4</b>	<b>6.4</b>	<b>113.7</b>	<b>6.072</b>	<b>-5.000</b>	<b>.5</b>	<b>.22</b>	<b>1.00</b>	<b>1.00</b>
	150.0	6.1	122.7	5.738	-4.970	.3	.18	1.00	1.00
	165.0	5.7	151.7	5.029	-4.858	.1	.11	1.00	1.00
	180.0	5.7	179.9	4.678	-4.678	.1	.05	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----  
 Optimum Tack: 800.5 Gybe: 720.0 60deg: 504.9 ~100: 463.3 135: 536.9  
 Linear-random: 565.7 Circ: 584.4 Olymp: 716.8 W/L: 760.3 AC92: 695.9  
 BELL Versions: 584.5 : 599.8 : 767.3 : 820.8 GPH: 617.1

----- 12.0 knots True Wind Speed -----

	36.0	17.1	21.7	5.719	4.627	20.0	4.38	.80	1.00
<b>OPT Tack</b>	<b>40.8</b>	<b>17.3</b>	<b>24.6</b>	<b>6.272</b>	<b>4.745</b>	<b>21.5</b>	<b>3.72</b>	<b>.79</b>	<b>1.00</b>
	44.0	17.3	26.4	6.539	4.704	22.2	3.45	.79	1.00
	52.0	17.1	31.0	7.024	4.324	23.3	3.04	.85	.99
	60.0	16.7	35.8	7.379	3.690	24.0	2.80	.95	.97
	70.0	15.9	41.9	7.736	2.646	24.6	2.52	1.00	.99
	80.0	15.3	49.2	8.013	1.392	20.4	2.15	1.00	1.00
	86.6			^ Genoa / Spinnaker v					
	90.0	13.9	55.3	8.223	0.000	24.0	1.82	.99	1.00
	105.0	12.8	67.7	8.437	-2.184	12.1	1.32	1.00	1.00
	120.0	10.9	82.0	8.062	-4.031	3.5	.84	1.00	1.00
	135.0	8.9	100.3	7.408	-5.239	1.4	.43	1.00	1.00
	150.0	7.5	124.2	6.631	-5.743	.5	.19	1.00	1.00
<b>OPT Gybe</b>	<b>158.3</b>	<b>7.1</b>	<b>139.5</b>	<b>6.218</b>	<b>-5.779</b>	<b>.3</b>	<b>.14</b>	<b>1.00</b>	<b>1.00</b>
	165.0	6.9	152.1	5.946	-5.743	.2	.11	1.00	1.00
	180.0	6.9	179.9	5.529	-5.529	.1	.06	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----  
 Optimum Tack: 758.7 Gybe: 622.9 60deg: 487.9 ~100: 430.3 135: 485.9  
 Linear-random: 518.7 Circ: 532.1 Olymp: 662.4 W/L: 690.8 AC92: 637.2  
 BELL Versions: 528.4 : 540.4 : 677.7 : 702.3 GPH: 617.1

----- 14.0 knots True Wind Speed -----

	36.0	19.2	21.9	5.929	4.796	22.2	4.30	.70	.98
OPT Tack	40.2	19.4	24.7	6.400	4.888	22.6	3.77	.74	.95
	44.0	19.4	27.1	6.713	4.829	23.0	3.47	.79	.93
	52.0	19.1	32.1	7.192	4.428	23.8	3.10	.89	.90
	60.0	18.6	37.2	7.558	3.779	24.5	2.84	.98	.89
	70.0	17.7	43.7	7.937	2.715	25.1	2.52	1.00	.92
	80.0	16.7	50.5	8.273	1.437	24.9	2.22	1.00	.97
	90.0	15.9	58.2	8.579	0.000	21.9	1.90	1.00	1.00

----- 93.0 ----- ^ Genoa / Spinnaker v -----

	105.0	14.2	70.0	8.942	-2.314	18.7	1.38	1.00	1.00
	120.0	12.6	84.6	8.774	-4.387	5.0	.89	1.00	1.00
	135.0	10.5	103.2	8.077	-5.711	1.7	.45	1.00	1.00
	150.0	9.0	126.6	7.278	-6.303	.7	.22	1.00	1.00
OPT Gybe	164.6	8.3	152.1	6.730	-6.489	.3	.12	1.00	1.00
	165.0	8.2	152.8	6.718	-6.489	.3	.12	1.00	1.00
	180.0	8.2	179.9	6.343	-6.343	.1	.06	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----

Optimum Tack: 736.6 Gybe: 554.8 60deg: 476.3 ~100: 408.1 135: 445.7  
 Linear-random: 489.1 Circ: 501.7 Olymp: 627.0 W/L: 645.7 AC92: 598.6  
 BELL Versions: 494.5 : 506.3 : 632.5 : 648.7 GPH: 617.1

----- 16.0 knots True Wind Speed -----

	36.0	21.3	22.3	6.060	4.902	22.5	4.37	.71	.91
OPT Tack	39.9	21.4	25.0	6.506	4.987	23.0	3.86	.76	.88
	44.0	21.4	27.7	6.839	4.919	23.5	3.54	.81	.86
	52.0	21.0	33.0	7.324	4.509	24.3	3.16	.92	.84
	60.0	20.5	38.3	7.704	3.852	25.0	2.88	1.00	.83
	70.0	19.5	45.2	8.107	2.773	25.4	2.52	1.00	.86
	80.0	18.5	52.4	8.475	1.472	25.1	2.21	1.00	.90
	90.0	17.2	59.9	8.815	0.000	25.3	1.94	1.00	.97

----- 94.3 ----- ^ Genoa / Spinnaker v -----

	105.0	15.2	72.1	9.272	-2.400	24.9	1.41	1.00	1.00
	120.0	14.2	87.0	9.374	-4.687	8.7	.93	1.00	1.00
	135.0	12.1	105.4	8.740	-6.180	2.2	.48	1.00	1.00
	150.0	10.6	128.4	7.880	-6.824	.9	.25	1.00	1.00
	165.0	9.7	153.7	7.321	-7.071	.4	.14	1.00	1.00
OPT Gybe	167.4	9.7	157.9	7.251	-7.076	.4	.13	1.00	1.00
	180.0	9.6	179.9	6.980	-6.980	.2	.07	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----

Optimum Tack: 721.8 Gybe: 508.8 60deg: 467.3 ~100: 394.8 135: 411.9  
 Linear-random: 467.3 Circ: 480.5 Olymp: 601.5 W/L: 615.3 AC92: 571.7  
 BELL Versions: 470.5 : 483.1 : 604.3 : 616.2 GPH: 617.1

----- 20.0 knots True Wind Speed -----

	36.0	25.4	22.9	6.204	5.019	23.2	4.59	.74	.80
OPT Tack	39.9	25.4	25.7	6.655	5.108	23.8	4.06	.79	.77
	44.0	25.3	28.7	7.002	5.037	24.3	3.72	.84	.76
	52.0	24.9	34.3	7.512	4.625	25.2	3.30	.95	.74
	60.0	24.2	40.1	7.925	3.963	25.9	2.95	1.00	.74
	70.0	23.1	47.6	8.375	2.864	26.1	2.55	1.00	.77
	80.0	21.9	55.4	8.794	1.527	25.9	2.21	1.00	.81
	90.0	20.5	63.5	9.161	0.000	26.1	1.93	1.00	.86

----- 92.4 ----- ^ Genoa / Spinnaker v -----

	105.0	18.4	76.7	9.749	-2.523	25.7	1.38	1.00	.90
	120.0	17.0	91.0	10.344	-5.172	18.0	.98	1.00	1.00
	135.0	15.4	108.8	9.923	-7.016	3.4	.54	1.00	1.00
	150.0	13.7	130.8	9.065	-7.851	1.4	.30	1.00	1.00
	165.0	12.8	155.0	8.465	-8.177	.7	.18	1.00	1.00
OPT Gybe	167.4	12.7	159.0	8.385	-8.182	.6	.16	1.00	1.00
	180.0	12.7	179.9	8.069	-8.069	.3	.09	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----

Optimum Tack: 704.8 Gybe: 440.0 60deg: 454.3 ~100: 376.8 135: 362.8  
 Linear-random: 435.0 Circ: 450.7 Olymp: 566.6 W/L: 572.4 AC92: 534.1  
 BELL Versions: 436.3 : 451.8 : 568.2 : 574.7 GPH: 617.1

----- 24.0 knots True Wind Speed -----

	36.0	29.3	23.2	6.231	5.041	23.9	4.92	.75	.71
OPT Tack	40.2	29.3	26.5	6.750	5.155	24.6	4.27	.81	.69
	44.0	29.2	29.3	7.083	5.095	25.2	3.93	.87	.68
	52.0	28.6	35.3	7.625	4.695	26.2	3.45	.98	.66
	60.0	27.8	41.4	8.072	4.036	26.9	3.03	1.00	.67
	70.0	26.7	49.4	8.566	2.930	26.7	2.59	1.00	.69
	80.0	25.3	57.6	9.020	1.566	26.9	2.24	1.00	.73

----- 86.9 ----- ^ Genoa / Spinnaker v -----

	90.0	24.0	66.6	9.437	0.000	26.2	1.75	1.00	.71
	105.0	21.5	80.2	10.149	-2.627	26.6	1.35	1.00	.82
	120.0	18.9	94.6	11.049	-5.524	27.2	.97	1.00	1.00
	135.0	18.7	110.8	11.185	-7.909	6.2	.58	1.00	1.00
	150.0	16.9	132.6	10.151	-8.791	2.2	.35	1.00	1.00
	165.0	15.9	155.9	9.522	-9.197	1.1	.21	1.00	1.00
OPT Gybe	169.2	15.8	162.7	9.381	-9.216	.9	.18	1.00	1.00
	180.0	15.8	179.9	9.115	-9.115	.6	.11	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----

Optimum Tack: 698.3 Gybe: 390.6 60deg: 446.0 ~100: 363.2 135: 321.9  
 Linear-random: 410.2 Circ: 429.9 Olymp: 543.2 W/L: 544.5 AC92: 508.6  
 BELL Versions: 410.9 : 430.5 : 544.1 : 544.9 GPH: 617.1

----- 28.0 knots True Wind Speed -----

	36.0	33.1	23.2	6.160	4.984	24.7	5.39	.76	.65
OPT Tack	<b>40.9</b>	<b>33.1</b>	<b>27.3</b>	<b>6.813</b>	<b>5.152</b>	<b>25.6</b>	<b>4.49</b>	<b>.84</b>	<b>.63</b>
	44.0	33.0	29.7	7.103	5.109	26.1	4.17	.89	.62
	52.0	32.3	35.9	7.681	4.729	27.2	3.61	1.00	.60
	60.0	31.4	42.3	8.161	4.080	27.8	3.13	1.00	.61
	70.0	30.2	50.7	8.699	2.975	27.6	2.65	1.00	.63
	80.0	28.6	59.3	9.180	1.594	27.9	2.28	1.00	.67

----- 82.6 ----- ^ Genoa / Spinnaker v -----

	90.0	27.2	68.7	9.665	0.000	27.2	1.77	1.00	.65
	105.0	24.7	82.8	10.492	-2.716	27.6	1.33	1.00	.76
	120.0	21.9	97.7	11.580	-5.790	28.7	.93	1.00	.93
	135.0	21.5	112.6	12.410	-8.775	13.5	.59	1.00	1.00
	150.0	20.1	133.6	11.361	-9.839	3.2	.39	1.00	1.00
	165.0	19.1	156.6	10.573	-10.212	1.6	.25	1.00	1.00
OPT Gybe	<b>167.6</b>	<b>19.0</b>	<b>160.6</b>	<b>10.464</b>	<b>-10.219</b>	<b>1.4</b>	<b>.22</b>	<b>1.00</b>	<b>1.00</b>
	180.0	19.0	179.9	10.082	-10.082	.8	.14	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----

Optimum Tack:	698.8	Gybe:	352.3	60deg:	441.1	~100:	352.4	135:	290.1
Linear-random:	389.9	Circ:	414.5	Olymp:	528.0	W/L:	525.5	AC92:	491.1
BELL Versions:	390.4	:	415.0	:	529.1	:	525.3	GPH:	617.1

----- 32.0 knots True Wind Speed -----

	36.0	36.9	23.0	5.985	4.842	25.5	6.04	.77	.60
OPT Tack	<b>41.7</b>	<b>36.8</b>	<b>28.1</b>	<b>6.846</b>	<b>5.109</b>	<b>26.7</b>	<b>4.71</b>	<b>.86</b>	<b>.57</b>
	44.0	36.7	29.9	7.068	5.085	27.2	4.45	.90	.57
	52.0	35.9	36.4	7.689	4.734	28.3	3.79	1.00	.55
	60.0	34.8	43.0	8.202	4.101	28.9	3.25	1.00	.57
	70.0	33.5	51.7	8.782	3.004	28.7	2.72	1.00	.59

----- 79.6 ----- ^ Genoa / Spinnaker v -----

	80.0	32.1	61.0	9.294	1.614	28.1	2.13	1.00	.56
	90.0	30.4	70.4	9.843	0.000	28.3	1.78	1.00	.61
	105.0	27.8	85.0	10.784	-2.791	28.7	1.32	1.00	.71
	120.0	24.9	100.2	12.047	-6.023	29.8	.90	1.00	.87
	135.0	23.8	115.0	13.370	-9.454	21.8	.58	1.00	1.00
	150.0	23.1	134.1	12.713	-11.010	5.0	.41	1.00	1.00
	165.0	22.1	156.9	11.750	-11.350	2.2	.26	1.00	1.00
OPT Gybe	<b>165.2</b>	<b>22.1</b>	<b>157.2</b>	<b>11.739</b>	<b>-11.350</b>	<b>2.2</b>	<b>.26</b>	<b>1.00</b>	<b>1.00</b>
	180.0	22.1	179.8	11.136	-11.136	1.1	.15	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----

Optimum Tack:	704.7	Gybe:	317.2	60deg:	438.9	~100:	343.8	135:	269.3
Linear-random:	372.5	Circ:	402.9	Olymp:	519.4	W/L:	510.9	AC92:	478.9
BELL Versions:	372.8	:	403.1	:	519.9	:	511.1	GPH:	617.1

**UPRIGHT MEASUREMENT TRIM**

DISPLACEMENT..	3380.0	WATER DENSITY.	1025.19	FGO.....	.670
LONG. CG.....	4.039	LWL.....	9.107	FF.....	.972
VERT. CG.....	-.110	MTmm.....	8.183	FA.....	.786
VERT. CB.....	.129	KgPmm.....	15.451	LBG.....	8.040
METACENTER....	-1.423	WETTED SURF...	21.075	HULL SURF AREA	36.882
LONG. CF.....	3.762	RM/DEG.....	79.436	LCG TOT. SURF.	3.957
VERT. CF.....	-.033	MAX. DRAFT....	1.835	VCG TOT. SURF.	-.159

**UPRIGHT SAILING TRIM**

DISPLACEMENT..	3905.0	WATER DENSITY.	1025.19	FF.....	.965
LONG. CG.....	3.899	LWL.....	9.434	FA.....	.739
VERT. CG.....	-.216	MTmm.....	9.324	CREW WT.....	525.000
VERT. CB.....	.106	KgPmm.....	16.520	GEAR WT.....	0.000
METACENTER....	-1.393	WETTED SURF...	22.303	SAILING LEN...	9.527
LONG. CF.....	3.624	RM/DEG.....	84.600	RATED BEAM....	2.626
VERT. CF.....	-.065	MAX. DRAFT....	1.865	EFF. B/Tc.....	5.655
AMAX.....	.694	EFF. DRAFT....	1.829	SUNK LENGTH...	10.966
SA / (DSPL)^2/3	24.078	SA / WS .....	2.633	DSPL/LSM (Eng)	123.455
RATED LENGTH..	9.588	AWP / (DSPL)^2/3	6.607	100* VOL/LSM^3	.432

**SAILING TRIM WITH HEEL**

HEEL ANGLE	DWL @FF	DWL @FA	RTNG ARM	LONG C.B.	WET SURF.	SAILNG LEN.	EFF. B/Tc
0.0	.055	.071	-0.000	3.90	22.30	9.527	5.66
2.0	.055	.070	.043	3.90	22.30	9.527	5.65
10.0	.052	.042	.209	3.91	22.04	9.533	5.46
20.0	.029	-.096	.440	3.94	20.80	9.433	4.70
40.0	-.027	-.311	.555	3.96	19.59	9.105	3.95
60.0	-.132	-.597	.531	3.968	17.35		
90.0	-.345	-.891	.235	3.963	15.68		
120.0	-.555	-.961	-.183	3.959	16.35		
150.0	-.691	-.812	-.501	3.948	18.15		
170.0	-.740	-.675	-.438	3.911	23.67		

**NOTES**

1. Long. positions are relative to dig. file origin (+Fwd,-Aft)
2. Vertical positions are relative to DWL (+Below -Abv), except DWL @FF and DWL @FA which locate the DWL relative to the LWL (positive=DWL Below LWL negative=DWL Above LWL)
3. Metacenter ht. is relative to the Center of Flotation, (CF)
4. Dimensions are in currently selected system units

MASTER FILE: C10M00

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FILE DATE: 22 Oct 1997  
BOAT NAME:  
MODIFIER:  
DIG\_FILE: O1BB189F  
SERVICE CODE: G  
DESIGNER:  
STOCK MODEL: FC10 3380kg equi.7  
\*\*\*\*\*

HOME:  
WORK:  
CUSTOMER CODE:

\*\*\*\*\*  
2. SPAR INFO

DT	DTT	DL	DLT	TL	HBIS	HBI	SFJ
.096	.06	.14	.08	1	.9	.839	0
DTY	DTTY	DLY	DLTY	TLY	HBIYS		
0	0	0	0	0	0		

\*\*\*\*\*  
3. APPENDAGES INFO

TK	HK	CRK	CTK	TRK	TTK	SK	XTEK	CAK	LCBk
1.8	1.5	1.5	.86	.1	.12	28	3.8	.66	.433
TR	HR	CRR	CTR	TRR	TTR	SR	XTER	CAr	LCBr
1.2	1.2	.54	.4	.1	.05	8.5	-.41	.682	.421
VOLK	WSK	CBXK	CBZK	VOLR	WSR	CBXR	CBZR	ECMA	XTEC
.127	3.54	4.564	1.005	.029	1.128	-.109	.505	0	0

\*\*\*\*\*  
4. PROP INSTALLATION INFO

TYPE	PSA	PSL	PSD	SHL	SHD	PHL	PHD	PRD	PIPA
1	0	0	0	0	0	0	0	0	0

\* \*\*\*\*\*  
5. SAIL INFO

SPL	SMW	SL	I	J	LP	P	E	BAD	RGF
4.38	8.2	11.42	11.5	3.884	5.8	12.195	4.255	1.26	1
PY	EY	YRGF	BADY	EB	YSF	YSMG	YSD	ISPIN	
0	0	0	0	0	0	0	0	11.5	
IGENK	GENKLP	GENKPL	GENKMW	GenkSA	SpinsA	EffWdrd	ActWdrd	TriWdrd	
0	0	0	0	0	43.919	58.725	65.819	48.278	

\*\*\*\*\*  
6. FLOTATION INFO

FGO	LBG	FFS	FAS	FF	FA	RMC	BDK	HEELIM	WATER
.67	8.04	1.02	.81	.972	.786	79.3282	3.03	0	1025.19
DSPL	LCG	VCG	CW	XCW	ZCW	GW	XGW	YGW	ZGW
0	4.039	-.11	525	3	-.9	0	0	0	0