



D1246 - H. R. 372

VPP Output

		Best Boatspeeds (knot)								
		True Wind Speed								
		4	6	8	10	12	14	16	20	25
True Wind Angle	36	2.86	4.22	5.23	5.84	6.21	6.44	6.58	6.75	6.77
	40	3.18	4.61	5.62	6.23	6.56	6.74	6.86	6.99	7.13
	45	3.52	5	6.02	6.6	6.86	7.01	7.12	7.28	7.39
	52	3.91	5.41	6.43	6.93	7.15	7.28	7.39	7.55	7.68
	60	4.22	5.73	6.7	7.16	7.39	7.53	7.64	7.81	7.95
	70	4.44	5.96	6.87	7.33	7.61	7.77	7.88	8.07	8.24
	80	4.5	6.14	7.01	7.38	7.71	7.94	8.09	8.31	8.52
	90	4.72	6.4	7.18	7.47	7.71	8	8.23	8.53	8.79
	100	4.83	6.48	7.24	7.6	7.8	7.96	8.22	8.7	9.04
	110	4.76	6.38	7.17	7.62	7.9	8.09	8.26	8.65	9.24
	120	4.46	6.05	6.97	7.5	7.89	8.19	8.43	8.79	9.18
	135	3.65	5.22	6.4	7.1	7.57	7.96	8.33	9.04	9.84
150	2.81	4.2	5.39	6.38	7.02	7.47	7.85	8.62	9.77	
160	2.42	3.66	4.81	5.8	6.63	7.17	7.59	8.3	9.32	
170	2.19	3.32	4.4	5.37	6.24	6.88	7.34	8.05	8.93	
180	2.05	3.1	4.13	5.08	5.92	6.64	7.13	7.85	8.68	

		Target Boatspeeds - Upwind (knot)								
		True Wind Speed								
		4	6	8	10	12	14	16	20	25
Vs (knot)	3.54	4.84	5.69	6.19	6.38	6.51	6.59	6.72	6.83	
TWA (°)	45.4	42.7	40.9	39.5	37.9	36.8	36.2	35.7	35.9	
VMG (knot)	2.49	3.55	4.31	4.78	5.04	5.21	5.32	5.46	5.54	

		Target Boatspeeds - Downwind (knot)								
		True Wind Speed								
		4	6	8	10	12	14	16	20	25
Vs (knot)	3.57	4.84	5.79	6.32	6.58	6.98	7.35	8.03	9.02	
TWA (°)	136.5	140.8	144.4	150.9	161.2	166.6	169.5	170.9	167.7	
VMG (knot)	2.58	3.75	4.71	5.53	6.23	6.79	7.23	7.93	8.81	

Upwind Sail Area : Main (42.7 m<sup>2</sup>) + Jib (33.3 m<sup>2</sup>)  
 Downwind Sail Area : Main (42.7 m<sup>2</sup>) + Spinnaker (110.7 m<sup>2</sup>)

TWS measured at 10 m / Crew weight = 300 kg

02/12/2008