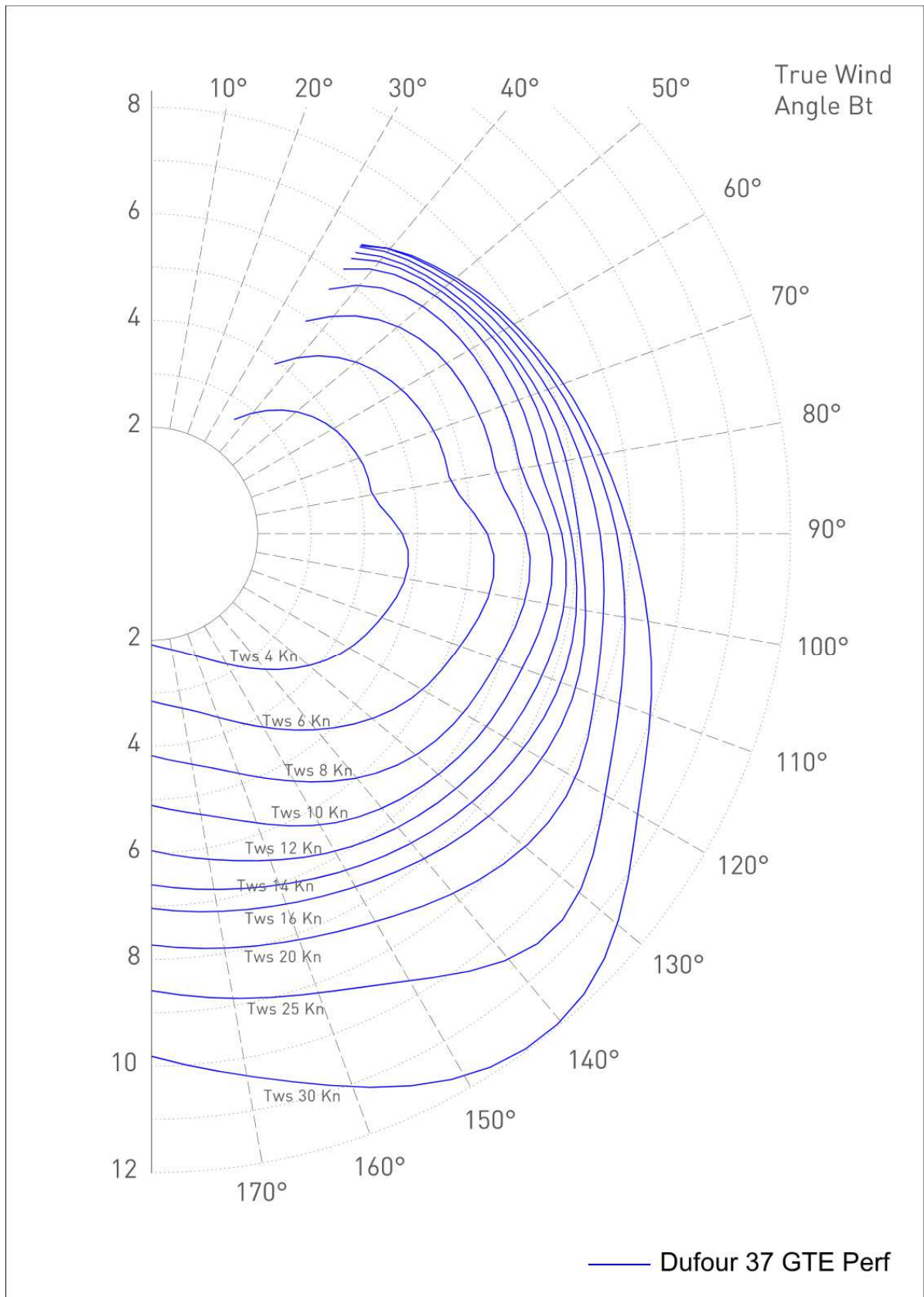


**DUFOUR 37 GTE
PERFORMANCE**

VELOCITY PREDICTION PROGRAM ANALYSIS



FELCI YACHTDESIGN

Best Boatspeeds (kt)

	4	6	8	10	12	14	16	20	25	30
36.0	2.65	3.93	4.93	5.67	6.14	6.38	6.52	6.65	6.70	6.68
40.0	2.95	4.32	5.33	6.08	6.48	6.66	6.77	6.90	6.97	6.98
45.0	3.28	4.71	5.74	6.43	6.76	6.91	7.01	7.11	7.20	7.24
52.0	3.65	5.11	6.15	6.71	7.02	7.15	7.25	7.39	7.50	7.56
60.0	3.95	5.42	6.40	6.89	7.21	7.39	7.49	7.64	7.78	7.86
70.0	4.16	5.64	6.55	7.01	7.34	7.58	7.74	7.93	8.10	8.23
75.0	4.20	5.69	6.58	7.04	7.37	7.64	7.84	8.07	8.27	8.41
80.0	4.22	5.71	6.59	7.05	7.38	7.67	7.91	8.18	8.42	8.59
90.0	4.72	6.31	7.03	7.45	7.71	7.88	8.04	8.43	8.74	8.99
110.0	4.60	6.17	6.93	7.41	7.81	8.18	8.48	8.87	9.35	9.97
120.0	4.30	5.88	6.76	7.26	7.67	8.07	8.46	9.19	9.84	10.54
135.0	3.60	5.12	6.27	6.90	7.34	7.73	8.13	9.01	10.61	11.78
150.0	2.83	4.21	5.38	6.33	6.89	7.30	7.66	8.42	9.70	11.76
165.0	2.31	3.48	4.57	5.54	6.36	6.90	7.30	8.01	9.01	10.67
180.0	2.08	3.15	4.17	5.11	5.96	6.60	7.04	7.73	8.58	9.81
Up.Vs	3.32	4.57	5.48	6.06	6.31	6.41	6.48	6.57	6.66	6.72
Up.Bt	45.6	43.2	41.7	39.7	37.9	36.4	35.5	34.9	35.5	36.5
Up.Vmg	2.32	3.33	4.09	4.66	4.99	5.16	5.28	5.38	5.43	5.40
Dn.Vs	3.47	4.66	5.59	6.19	6.39	6.79	7.17	7.87	8.90	10.98
Dn.Bt	137.4	142.5	146.7	152.5	164.2	170.1	172.1	172.1	168.5	160.2
Dn.Vmg	2.56	3.70	4.67	5.49	6.15	6.69	7.11	7.79	8.72	10.33

FELCI YACHTDESIGN

Times for 1 nm (secs)

	<u>4</u>	<u>6</u>	<u>8</u>	<u>10</u>	<u>12</u>	<u>14</u>	<u>16</u>	<u>20</u>	<u>25</u>	<u>30</u>
36.0	1359.6	915.1	730.8	635.2	586.7	564.1	552.1	541.4	536.9	539.1
40.0	1218.5	833.3	675.3	591.6	555.8	540.3	531.4	522.0	516.5	515.7
45.0	1096.1	764.3	626.8	560.0	532.9	521.1	513.8	506.1	499.7	497.3
52.0	985.2	704.1	585.8	536.7	513.2	503.2	496.4	487.2	480.2	476.4
60.0	912.0	664.0	562.5	522.3	499.6	487.1	480.7	471.1	463.0	457.8
70.0	866.1	638.0	549.9	513.5	490.6	474.7	465.1	454.2	444.2	437.2
75.0	856.2	632.4	547.3	511.5	488.4	471.4	459.0	446.4	435.6	428.0
80.0	853.5	631.0	546.6	510.9	487.5	469.6	455.2	440.0	427.5	419.1
90.0	763.5	570.4	512.2	483.2	467.1	456.7	447.8	427.3	411.9	400.2
110.0	782.3	583.5	519.2	485.9	461.1	440.0	424.5	405.9	384.9	361.1
120.0	837.6	612.5	532.6	495.6	469.4	446.2	425.4	391.6	366.0	341.5
135.0	998.7	702.7	574.2	521.8	490.6	465.8	443.0	399.4	339.4	305.6
150.0	1272.4	855.7	669.5	569.1	522.3	492.8	469.8	427.8	371.3	306.0
165.0	1560.0	1034.6	787.5	649.3	565.7	521.8	493.0	449.6	399.4	337.5
180.0	1727.1	1142.9	862.6	704.8	604.4	545.7	511.3	466.0	419.4	366.9
Up	1549.9	1080.6	879.9	772.3	722.2	697.1	682.3	668.5	663.5	666.1
Dn	1408.5	973.3	771.1	655.4	585.5	538.1	506.6	462.0	412.7	348.5