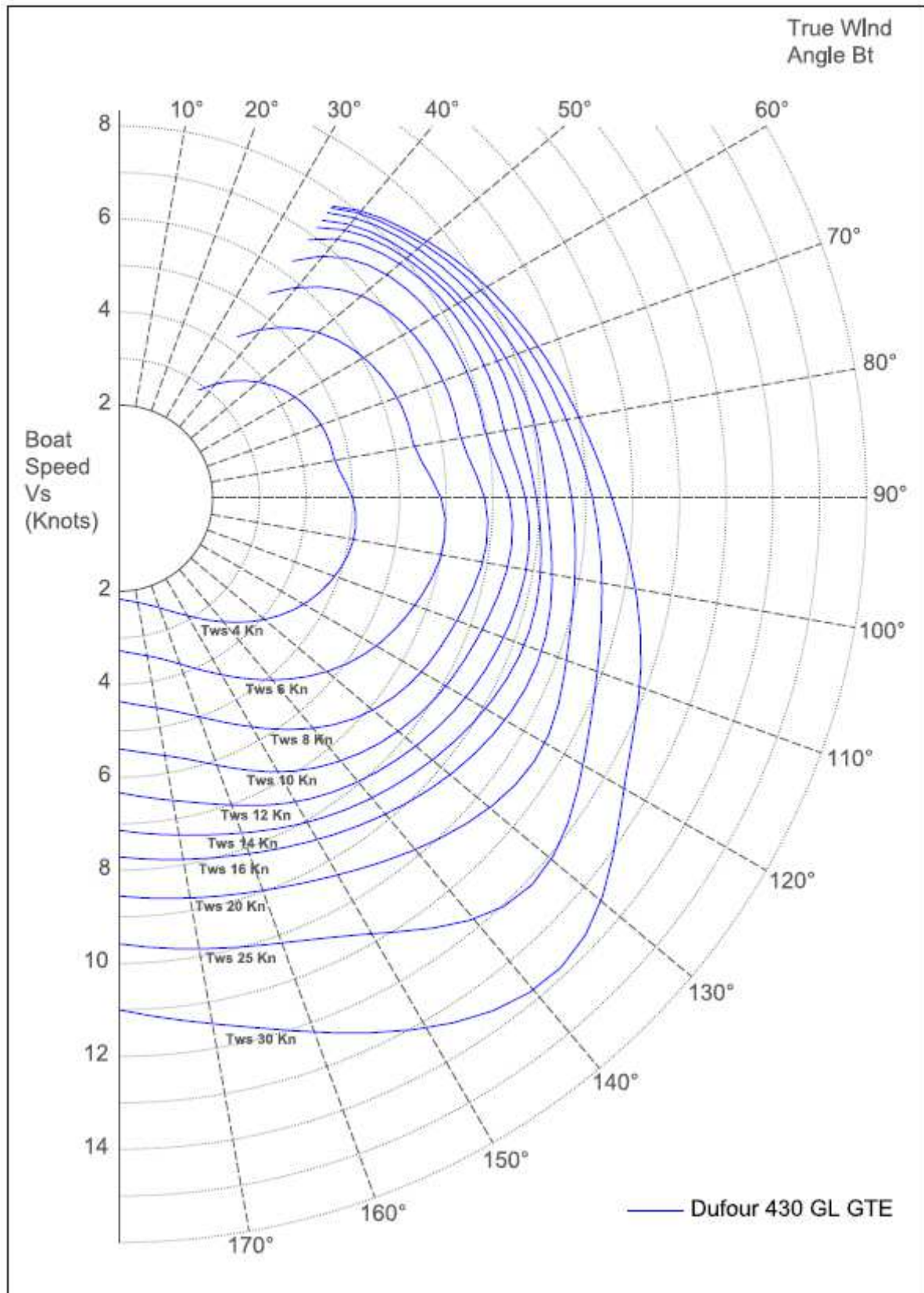


**DUFOUR 430 GL
GTE**

VELOCITY PREDICTION PROGRAM ANALYSIS



FELCI YACHTDESIGN

Best Boatspeeds (kt)

	4	6	8	10	12	14	16	20	25	30
36.0	2.87	4.29	5.44	6.30	6.87	7.19	7.39	7.59	7.71	7.76
40.0	3.21	4.74	5.91	6.79	7.27	7.52	7.68	7.86	7.99	8.06
45.0	3.58	5.19	6.40	7.21	7.61	7.81	7.95	8.13	8.25	8.34
52.0	4.00	5.67	6.89	7.56	7.92	8.10	8.23	8.43	8.60	8.71
60.0	4.35	6.05	7.20	7.78	8.16	8.38	8.51	8.73	8.94	9.09
70.0	4.60	6.33	7.38	7.93	8.32	8.62	8.81	9.08	9.35	9.55
75.0	4.67	6.39	7.42	7.96	8.36	8.70	8.95	9.25	9.54	9.77
80.0	4.69	6.41	7.43	7.97	8.38	8.73	9.04	9.41	9.73	10.01
90.0	5.00	6.89	7.83	8.36	8.70	8.94	9.15	9.69	10.14	10.56
110.0	4.91	6.73	7.69	8.27	8.76	9.23	9.63	10.19	10.89	11.87
120.0	4.56	6.36	7.47	8.08	8.57	9.05	9.54	10.53	11.47	12.48
135.0	3.77	5.46	6.80	7.60	8.13	8.59	9.06	10.12	12.11	13.79
150.0	2.92	4.38	5.68	6.80	7.54	8.05	8.48	9.35	10.81	13.15
165.0	2.37	3.58	4.75	5.82	6.79	7.49	8.00	8.84	9.99	11.80
180.0	2.17	3.28	4.37	5.39	6.33	7.14	7.71	8.55	9.58	11.00
Up.Vs	3.65	5.09	6.15	6.82	7.11	7.25	7.34	7.47	7.60	7.68
Up.Bt	46.0	43.9	42.3	40.3	38.2	36.6	35.5	34.6	34.7	35.2
Up.Vmg	2.53	3.67	4.55	5.21	5.59	5.82	5.98	6.15	6.25	6.28
Dn.Vs	3.70	5.10	6.12	6.81	7.20	7.40	7.85	8.67	9.82	12.33
Dn.Bt	136.2	139.9	144.1	149.8	156.5	168.2	172.0	172.9	170.2	157.8
Dn.Vmg	2.67	3.91	4.96	5.89	6.60	7.25	7.77	8.61	9.68	11.42

Times for 1 nm (secs)

	4	6	8	10	12	14	16	20	25	30
36.0	1255.3	838.5	662.2	571.3	524.3	500.4	487.4	474.5	466.8	464.0
40.0	1122.6	760.2	609.1	529.8	495.1	478.6	468.9	458.0	450.3	446.6
45.0	1007.0	694.3	562.7	499.1	473.3	460.9	453.1	442.9	436.2	431.7
52.0	900.3	635.1	522.7	476.3	454.3	444.4	437.4	427.2	418.8	413.4
60.0	828.2	595.4	500.1	462.4	441.2	429.8	422.9	412.3	402.7	395.9
70.0	782.2	568.9	487.7	454.1	432.5	417.4	408.6	396.4	385.2	377.1
75.0	771.7	563.0	485.2	452.3	430.5	414.0	402.2	389.2	377.5	368.6
80.0	768.0	561.2	484.5	451.8	429.7	412.2	398.1	382.6	370.1	359.8
90.0	720.5	522.5	460.0	430.8	413.6	402.8	393.4	371.5	355.1	341.0
110.0	733.2	534.6	467.9	435.4	411.1	390.0	373.9	353.2	330.4	303.4
120.0	789.3	566.4	481.9	445.7	420.3	397.7	377.5	342.0	313.9	288.4
135.0	955.3	658.9	529.0	473.5	442.8	419.2	397.2	355.6	297.3	261.0
150.0	1233.8	821.2	633.9	529.7	477.4	447.4	424.8	384.9	333.0	273.8
165.0	1519.0	1004.8	757.9	618.9	530.6	480.5	450.1	407.2	360.3	305.1
180.0	1660.8	1098.1	824.1	668.0	568.7	504.1	466.8	420.9	375.7	327.2
Up	1422.4	981.3	792.0	691.6	644.2	618.3	602.3	585.6	576.1	573.2
Dn	1349.9	921.9	726.2	611.5	545.2	496.8	463.3	418.4	372.0	315.2

FELCI YACHTDESIGN

Best Apparent Wind Speed

	4	6	8	10	12	14	16	20	25	30
36.0	6.5	9.8	12.8	15.5	17.9	20.1	22.1	26.1	31.0	35.9
40.0	6.8	10.1	13.1	15.7	18.0	20.1	22.1	26.0	30.9	35.8
45.0	7.0	10.3	13.3	15.8	18.0	20.0	21.9	25.8	30.7	35.5
52.0	7.2	10.5	13.4	15.7	17.7	19.6	21.6	25.4	30.2	34.9
60.0	7.2	10.4	13.1	15.3	17.3	19.1	21.0	24.7	29.4	34.1
70.0	7.1	10.1	12.6	14.6	16.6	18.4	19.9	23.7	28.3	32.9
75.0	6.9	9.8	12.2	14.2	16.1	18.0	19.6	23.1	27.7	32.2
80.0	6.7	9.5	11.8	13.8	15.6	17.5	19.2	22.5	27.0	31.5
90.0	6.4	9.1	11.1	12.8	14.3	15.9	17.6	21.3	25.5	30.0
110.0	5.2	7.3	9.0	10.5	12.0	13.6	15.0	18.0	22.2	26.6
120.0	4.3	6.2	7.7	9.2	10.6	12.2	13.7	16.5	20.3	24.4
135.0	3.0	4.4	5.8	7.1	8.5	10.0	11.5	14.5	18.0	21.1
150.0	2.1	3.1	4.2	5.3	6.6	8.1	9.6	12.8	16.5	19.5
165.0	1.8	2.7	3.6	4.6	5.7	7.0	8.5	11.7	15.6	18.9
180.0	1.8	2.7	3.6	4.6	5.7	6.9	8.3	11.4	15.4	19.0
Up	7.0	10.3	13.2	15.8	18.0	20.1	22.1	26.1	31.0	35.9
Dn	2.9	3.9	4.7	5.4	6.1	6.9	8.3	11.4	15.4	19.1

Best Apparent Wind Angle

	4	6	8	10	12	14	16	20	25	30
36.0	21.1	21.1	21.4	21.8	22.3	23.0	23.6	24.9	26.3	27.3
40.0	22.3	22.5	22.9	23.5	24.2	25.1	25.9	27.5	29.1	30.2
45.0	23.8	24.2	24.9	25.8	26.7	27.8	28.9	30.8	32.7	34.0
52.0	26.0	26.7	27.8	29.3	30.5	31.8	33.3	35.5	37.7	39.2
60.0	28.6	29.8	31.5	33.6	35.3	36.4	38.2	41.0	43.5	45.3
70.0	32.2	33.9	36.4	39.3	41.6	43.3	44.4	47.9	50.9	53.1
75.0	34.1	36.1	39.0	42.2	44.8	46.8	48.2	51.5	54.7	57.1
80.0	36.2	38.4	41.6	45.2	48.1	50.3	52.0	55.1	58.6	61.2
90.0	38.7	40.9	45.2	49.3	52.4	55.8	58.7	63.0	66.6	69.4
110.0	46.7	50.3	56.5	62.5	67.2	70.8	73.8	79.1	83.8	86.4
120.0	53.5	57.1	63.4	70.4	76.0	80.2	83.5	88.0	92.7	95.7
135.0	71.6	73.9	78.5	85.7	92.4	97.6	101.3	106.0	107.9	110.2
150.0	105.3	105.2	107.3	110.4	115.4	120.2	123.9	128.5	131.1	130.9
165.0	145.3	144.9	145.2	146.0	147.1	149.0	151.0	153.7	155.4	155.7
180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
Up	24.1	23.8	23.9	23.6	23.3	23.3	23.4	24.1	25.4	26.7
Dn	73.7	82.5	94.5	110.0	128.5	155.6	164.4	167.6	164.0	144.0