

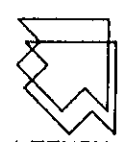
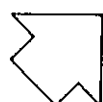
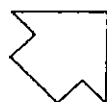


FIRST 310



Performance

Prédictions de vitesse par le Groupe Finot. tél : (1) 39 46 20 02 fax : (1) 39 46 51 79



REEF

3.0 knots True Wind Speed

	36.0	4.9	20.7	2.058	1.665	.9	4.47	1.00	1.00
	44.0	5.2	24.6	2.461	1.770	1.0	3.54	1.00	1.00
OPT Tack	44.8	5.2	24.9	2.496	1.771	1.0	3.47	1.00	1.00
	52.0	5.3	28.1	2.771	1.706	1.0	2.94	1.00	1.00
	60.0	5.3	31.5	2.996	1.498	1.0	2.52	1.00	1.00
	70.0	5.1	35.9	3.164	1.082	1.0	2.12	1.00	1.00
	80.0	4.8	40.7	3.208	.557	.8	1.81	1.00	1.00

Genoa / Spinnaker

	90.0	4.5	45.6	3.234	0.000	.8	1.52	1.00	1.00
	105.0	3.8	54.4	3.131	-.810	.6	1.19	1.00	1.00
	120.0	2.9	68.6	2.727	-1.363	.3	.80	1.00	1.00
	135.0	2.2	90.9	2.228	-1.576	.1	.43	1.00	1.00
OPT Gybe	140.4	2.0	100.9	2.061	-1.587	.1	.31	1.00	1.00
	150.0	1.6	120.8	1.789	-1.549	0.0	.18	1.00	1.00
	165.0	1.7	151.1	1.546	-1.493	0.0	.11	1.00	1.00
	180.0	1.7	179.9	1.439	-1.439	0.0	.07	1.00	1.00

Handicaps: (seconds/mile)

Optimum Tack:	2032.8	Gybe:	2267.7	60deg:	1201.7	~100:	1137.3	135:	1615.7
Linear-random:	1487.5	Circ:	1583.3	Olymp:	1967.3	W/L:	2150.3	ACC:	1933.0
BELL Versions:	1612.1		1672.6		2185.3		2388.5	GPH:	655.7

4.0 knots True Wind Speed

	36.0	6.5	20.7	2.695	2.180	1.6	4.57	1.00	1.00
	44.0	6.8	24.7	3.210	2.309	1.8	3.62	1.00	1.00
OPT Tack	44.4	6.8	24.9	3.235	2.309	1.8	3.58	1.00	1.00
	52.0	7.0	28.4	3.597	2.215	1.8	3.02	1.00	1.00
	60.0	6.9	31.9	3.867	1.934	1.8	2.59	1.00	1.00
	70.0	6.7	36.6	4.059	1.388	1.7	2.19	1.00	1.00
	80.0	6.3	41.6	4.105	.713	1.5	1.87	1.00	1.00

Genoa / Spinnaker

	90.0	5.9	46.5	4.187	0.000	1.5	1.59	1.00	1.00
	105.0	5.0	55.7	4.025	-1.042	1.1	1.22	1.00	1.00
	120.0	3.9	69.8	3.544	-1.772	.5	.81	1.00	1.00
	135.0	2.9	91.8	2.922	-2.066	.2	.43	1.00	1.00
OPT Gybe	141.2	2.7	103.2	2.681	-2.088	.1	.30	1.00	1.00
	150.0	2.4	121.3	2.360	-2.044	.1	.18	1.00	1.00
	165.0	2.2	151.2	2.047	-1.977	0.0	.12	1.00	1.00
	180.0	2.2	179.9	1.907	-1.907	0.0	.07	1.00	1.00

Handicaps: (seconds/mile)

Optimum Tack:	1559.0	Gybe:	1724.3	60deg:	930.9	~100:	882.6	135:	1232.1
Linear-random:	1144.9	Circ:	1213.5	Olymp:	1504.2	W/L:	1641.7	ACC:	1478.2
BELL Versions:	1235.7		1279.3		1663.4		1812.7	GPH:	655.7

GROUPE FINOT

----- 6.0 knots True Wind Speed -----									
	36.0	9.6	20.8	3.875	3.135	3.8	4.81	1.00	1.00
T Tack	42.8	9.9	24.5	4.440	3.258	4.3	3.99	1.00	1.00
	44.0	10.0	25.1	4.524	3.254	4.4	3.87	1.00	1.00
	52.0	10.1	29.1	5.005	3.081	4.6	3.25	1.00	1.00
	60.0	10.0	32.9	5.365	2.682	4.4	2.79	1.00	1.00
	70.0	9.7	38.0	5.611	1.919	3.9	2.36	1.00	1.00
	80.0	9.1	43.4	5.662	.983	3.3	2.01	1.00	1.00
	80.5			----- ^ Genoa / Spinnaker v -----					
	90.0	8.5	48.4	5.839	0.000	3.6	1.74	1.00	1.00
	105.0	7.2	58.4	5.590	-1.447	2.3	1.28	1.00	1.00
	120.0	5.7	73.0	4.957	-2.478	1.1	.84	1.00	1.00
	135.0	4.4	94.0	4.206	-2.974	.4	.44	1.00	1.00
Gybe	143.0	3.9	108.2	3.808	-3.040	.2	.27	1.00	1.00
	150.0	3.7	122.2	3.466	-3.002	.1	.19	1.00	1.00
	165.0	3.4	151.6	3.028	-2.925	.1	.12	1.00	1.00
	180.0	3.4	179.9	2.827	-2.827	0.0	.08	1.00	1.00
----- Handicaps: ----- (seconds/mile) -----									
Optimum Tack:	1105.1	Gybe:	1184.2	60deg:	671.1	~100:	634.6	135:	856.0
Linear-random:	811.9	Circ:	853.9	Olymp:	1054.6	W/L:	1144.6	ACC:	1034.7
BELL Versions:	874.5		900.3		1150.5		1246.6	GPH:	655.7

----- 8.0 knots True Wind Speed -----									
	36.0	12.4	20.6	4.770	3.859	12.4	5.25	1.00	1.00
T Tack	42.8	12.7	24.4	5.446	3.993	14.5	4.32	1.00	1.00
	44.0	12.7	25.0	5.544	3.988	14.8	4.20	1.00	1.00
	52.0	12.8	29.3	6.018	3.705	14.9	3.57	1.00	1.00
	60.0	12.5	34.0	6.274	3.137	13.4	3.14	1.00	1.00
	70.0	12.0	40.1	6.435	2.201	10.5	2.70	1.00	1.00
	76.8			----- ^ Genoa / Spinnaker v -----					
	80.0	11.3	45.9	6.564	1.140	12.3	2.35	1.00	1.00
	90.0	10.5	52.4	6.627	0.000	8.6	2.01	1.00	1.00
	105.0	9.1	63.2	6.488	-1.679	3.6	1.41	1.00	1.00
	120.0	7.4	76.4	6.120	-3.060	1.8	.88	1.00	1.00
	135.0	5.9	96.3	5.365	-3.794	.7	.45	1.00	1.00
T Gybe	144.6	5.2	113.3	4.777	-3.893	.3	.25	1.00	1.00
	150.0	4.9	123.6	4.480	-3.880	.2	.20	1.00	1.00
	165.0	4.6	152.0	3.969	-3.834	.1	.13	1.00	1.00
	180.0	4.6	179.9	3.719	-3.719	.1	.08	1.00	1.00
----- Handicaps: ----- (seconds/mile) -----									
Optimum Tack:	901.6	Gybe:	924.7	60deg:	573.8	~100:	550.9	135:	671.0
Linear-random:	673.4	Circ:	699.5	Olymp:	845.7	W/L:	913.2	ACC:	831.4
BELL Versions:	712.7		730.7		930.7		1000.5	GPH:	655.7

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

	36.0	14.8	20.5	5.316	4.301	19.4	5.16	.86	1.00
PT Tack	40.1	14.9	22.8	5.725	4.381	21.1	4.63	.87	1.00
	44.0	14.9	24.9	6.005	4.319	22.3	4.31	.89	1.00
	52.0	14.7	29.4	6.382	3.929	24.0	3.94	.95	1.00
	60.0	14.3	34.4	6.637	3.318	23.6	3.61	1.00	1.00
	70.0	13.8	41.5	6.835	2.338	19.3	3.10	1.00	1.00
	77.4			Genoa	Spinnaker				
	80.0	12.8	47.7	6.967	1.210	22.2	2.70	1.00	1.00
	90.0	12.2	55.5	7.081	0.000	16.1	2.26	1.00	1.00
	105.0	10.9	67.8	7.034	-1.820	6.0	1.58	1.00	1.00
	120.0	9.1	81.7	6.728	-3.364	2.5	.96	1.00	1.00
	135.0	7.4	99.6	6.249	-4.419	1.0	.47	1.00	1.00
PT Gybe	147.7	6.4	120.3	5.594	-4.727	.4	.23	1.00	1.00
	150.0	6.3	124.6	5.453	-4.723	.3	.21	1.00	1.00
	165.0	5.8	152.5	4.845	-4.680	.2	.14	1.00	1.00
	180.0	5.8	179.9	4.555	-4.555	.1	.09	1.00	1.00

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

Optimum Tack:	821.7	Gybe:	761.5	60deg:	542.4	~100:	510.7	135:	576.1
Linear-random:	604.5	Circ:	619.8	Olymp:	746.4	W/L:	791.6	ACC:	728.9
BELL Versions:	624.7	:	637.2	:	792.9	:	845.1	GPH:	655.7

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

	36.0	17.0	20.6	5.652	4.573	22.9	4.94	.71	1.00
PT Tack	38.3	17.0	22.1	5.863	4.599	23.3	4.67	.74	.99
	44.0	16.9	25.6	6.230	4.481	24.3	4.28	.81	.96
	52.0	16.6	30.5	6.571	4.046	25.5	3.99	.92	.94
	60.0	16.0	35.4	6.822	3.411	26.7	3.76	1.00	.94
	70.0	15.2	41.9	7.063	2.416	27.8	3.44	1.00	1.00
	80.0	14.6	50.2	7.239	1.257	22.2	2.94	1.00	1.00
	84.0			Genoa	Spinnaker				
	90.0	13.5	57.5	7.396	0.000	23.6	2.45	1.00	1.00
	105.0	12.5	71.1	7.477	-1.935	11.3	1.74	1.00	1.00
	120.0	10.8	85.9	7.219	-3.610	3.3	1.05	1.00	1.00
	135.0	9.0	103.9	6.784	-4.797	1.3	.50	1.00	1.00
	150.0	7.7	126.6	6.219	-5.386	.5	.24	1.00	1.00
PT Gybe	162.4	7.1	148.1	5.793	-5.521	.3	.16	1.00	1.00
	165.0	7.1	152.9	5.710	-5.515	.3	.15	1.00	1.00
	180.0	7.1	179.9	5.376	-5.376	.1	.09	1.00	1.00

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

Optimum Tack:	782.7	Gybe:	652.0	60deg:	527.7	~100:	483.2	135:	530.6
Linear-random:	561.6	Circ:	571.6	Olymp:	692.8	W/L:	717.4	ACC:	669.4
BELL Versions:	571.6	:	580.7	:	707.0	:	727.9	GPH:	655.7

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

	36.0	19.1	21.1	5.859	4.740	23.2	4.92	.73	.92
T Tack	37.4	19.1	22.0	5.976	4.749	23.5	4.77	.75	.91
	44.0	19.0	26.3	6.386	4.593	24.7	4.35	.83	.88
	52.0	18.5	31.5	6.716	4.135	26.0	4.08	.95	.87
	60.0	17.9	36.7	6.966	3.483	27.2	3.82	1.00	.88
	70.0	16.9	43.6	7.214	2.467	28.2	3.48	1.00	.93
	80.0	15.8	51.1	7.432	1.291	28.3	3.14	1.00	.99

	89.9			^	Genoa /	Spinnaker v			
	90.0	14.7	59.4	7.610	0.000	27.9	2.55	1.00	.97
	105.0	13.9	73.7	7.845	-2.030	16.9	1.86	1.00	1.00
	120.0	12.5	89.0	7.679	-3.840	4.4	1.14	1.00	1.00
	135.0	10.7	107.2	7.240	-5.120	1.6	.55	1.00	1.00
	150.0	9.3	129.1	6.727	-5.826	.7	.28	1.00	1.00
	165.0	8.5	153.8	6.345	-6.129	.4	.17	1.00	1.00
Gybe	169.5	8.4	161.6	6.248	-6.143	.3	.14	1.00	1.00
	180.0	8.4	179.9	6.092	-6.092	.2	.10	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----
 Optimum Tack: 758.0 Gybe: 586.0 60deg: 516.8 ~100: 463.5 135: 497.2
 Linear-random: 534.6 Circ: 543.6 Olymp: 658.1 W/L: 672.0 ACC: 631.6
 BELL Versions: 539.9 : 548.6 : 663.9 : 676.4 GPH: 695.7

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

	36.0	21.2	21.5	6.010	4.862	23.5	4.95	.74	.85
T Tack	36.7	21.2	22.0	6.065	4.864	23.6	4.89	.75	.84
	44.0	21.0	26.9	6.506	4.680	25.1	4.44	.85	.82
	52.0	20.4	32.3	6.834	4.207	26.4	4.17	.98	.80
	60.0	19.7	37.8	7.086	3.543	27.7	3.88	1.00	.83
	70.0	18.6	45.1	7.342	2.511	28.5	3.52	1.00	.87
	80.0	17.5	53.0	7.580	1.316	28.6	3.16	1.00	.93
	90.0	16.3	61.3	7.805	0.000	28.5	2.82	1.00	1.00

	91.3			^	Genoa /	Spinnaker v			
	105.0	15.2	75.8	8.141	-2.107	22.3	1.95	1.00	1.00
	120.0	14.2	91.5	8.115	-4.057	6.8	1.23	1.00	1.00
	135.0	12.4	109.7	7.671	-5.424	2.0	.60	1.00	1.00
	150.0	11.0	131.1	7.164	-6.204	.9	.34	1.00	1.00
	165.0	10.2	154.8	6.813	-6.581	.5	.21	1.00	1.00
Gybe	172.7	10.0	167.8	6.674	-6.621	.4	.16	1.00	1.00
	180.0	10.0	179.9	6.593	-6.593	.3	.12	1.00	1.00

----- Handicaps: ----- (seconds/mile) -----
 Optimum Tack: 740.1 Gybe: 543.7 60deg: 508.1 ~100: 448.4 135: 469.3
 Linear-random: 514.2 Circ: 523.4 Olymp: 633.1 W/L: 641.9 ACC: 605.2
 BELL Versions: 517.4 : 526.3 : 635.9 : 644.6 GPH: 655.7

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

T Tack	35.8	25.3	22.0	6.200	5.027	24.0	5.11	.76	.75
	36.0	25.3	22.1	6.214	5.027	24.0	5.09	.76	.74
	44.0	24.9	27.8	6.685	4.809	25.7	4.62	.89	.72
	52.0	24.2	33.5	7.016	4.320	27.3	4.33	1.00	.71
	60.0	23.3	39.4	7.277	3.638	28.4	4.00	1.00	.74
	70.0	22.1	47.4	7.555	2.584	28.9	3.60	1.00	.78
	80.0	20.8	55.8	7.824	1.359	29.4	3.22	1.00	.84
	87.0								
	90.0	19.5	65.1	8.091	0.000	29.0	2.56	1.00	.83
	105.0	17.3	79.3	8.564	-2.216	30.3	2.04	1.00	.99
	120.0	17.3	95.3	8.870	-4.435	14.6	1.35	1.00	1.00
	135.0	15.9	113.2	8.502	-6.012	3.1	.72	1.00	1.00
	150.0	14.4	133.8	7.982	-6.913	1.6	.45	1.00	1.00
	165.0	13.5	156.4	7.625	-7.365	.9	.28	1.00	1.00
T Gybe	173.9	13.3	170.3	7.467	-7.425	.6	.21	1.00	1.00
	180.0	13.3	179.8	7.400	-7.400	.5	.18	1.00	1.00

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

Optimum Tack:	716.1	Gybe:	484.8	60deg:	494.7	~100:	428.3	135:	423.4
Linear-random:	483.4	Circ:	494.2	Olymp:	597.0	W/L:	600.5	ACC:	567.8
BELL Versions:	484.7	:	495.4	:	598.3	:	602.1	GPH:	655.7

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

T Tack	35.4	29.3	22.1	6.300	5.133	24.4	5.33	.77	.67
	36.0	29.3	22.5	6.343	5.131	24.5	5.27	.78	.67
	44.0	28.8	28.5	6.813	4.901	26.3	4.81	.91	.65
	52.0	28.0	34.4	7.152	4.403	28.0	4.47	1.00	.65
	60.0	27.0	40.6	7.423	3.712	29.1	4.11	1.00	.67
	70.0	25.6	49.1	7.726	2.642	29.4	3.68	1.00	.71
	80.0	24.1	57.8	8.020	1.393	30.1	3.28	1.00	.76
	82.2								
	90.0	22.8	67.6	8.339	0.000	29.7	2.58	1.00	.76
	105.0	20.3	82.6	8.890	-2.301	30.9	2.02	1.00	.91
	120.0	19.9	98.4	9.504	-4.752	22.1	1.40	1.00	1.00
	135.0	19.3	115.4	9.334	-6.600	5.1	.83	1.00	1.00
	150.0	17.8	135.5	8.774	-7.598	2.5	.56	1.00	1.00
	165.0	16.9	157.3	8.390	-8.104	1.4	.36	1.00	1.00
Gybe	174.0	16.7	170.8	8.218	-8.173	1.0	.28	1.00	1.00
	180.0	16.7	179.8	8.145	-8.145	.8	.24	1.00	1.00

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

Optimum Tack:	701.4	Gybe:	440.5	60deg:	485.0	~100:	413.5	135:	385.7
Linear-random:	459.2	Circ:	472.5	Olymp:	570.7	W/L:	570.9	ACC:	540.6
BELL Versions:	459.8	:	473.1	:	571.6	:	571.8	GPH:	655.7

----- 28.0 knots True Wind Speed -----									
Tack	35.3	33.3	22.3	6.376	5.202	24.8	5.53	.78	.61
	36.0	33.3	22.8	6.428	5.200	25.0	5.47	.79	.61
	44.0	32.7	28.9	6.906	4.968	26.9	4.98	.92	.59
	52.0	31.7	35.0	7.255	4.467	28.6	4.61	1.00	.59
	60.0	30.5	41.5	7.539	3.770	29.7	4.22	1.00	.62
	70.0	29.1	50.3	7.866	2.690	29.9	3.75	1.00	.65
	78.8								
	80.0	27.7	60.0	8.185	1.421	29.6	3.01	1.00	.64
	90.0	26.0	69.6	8.549	0.000	30.3	2.60	1.00	.71
	105.0	23.5	85.1	9.178	-2.375	31.5	2.01	1.00	.84
	120.0	22.0	101.2	10.046	-5.023	28.7	1.40	1.00	1.00
	135.0	22.6	117.1	10.181	-7.199	11.1	.91	1.00	1.00
	150.0	21.2	136.7	9.597	-8.312	3.7	.65	1.00	1.00
	165.0	20.3	157.9	9.149	-8.837	2.0	.43	1.00	1.00
Gybe	173.6	20.1	170.4	8.960	-8.904	1.5	.34	1.00	1.00
	180.0	20.1	179.7	8.869	-8.869	1.3	.29	1.00	1.00
				Genoa	/	Spinnaker	v		
----- Handicaps: ----- (seconds/mile) -----									
Optimum Tack:	692.0	Gybe:	404.3	60deg:	477.5	~100:	401.4	135:	353.6
Linear-random:	438.6	Circ:	455.0	Olymp:	550.8	W/L:	548.2	ACC:	519.4
BSLL Versions:	438.9		455.3		550.9		548.6	GPH:	655.2