



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Indulgence			
TWS	8 kn	12 kn	16 kn
Beat VMG	1089.9	876.6	776.0
60	607.4	562.0	526.9
90	611.8	520.8	501.9
120	594.5	514.6	471.1
150	752.5	564.6	508.5
Run VMG	868.6	644.2	540.6

0.8609

Indulgence			
TWS	8 kn	12 kn	16 kn
Beat VMG	1089.9	876.6	776.0
60	607.4	562.0	526.9
90	611.8	520.8	501.9
120	594.5	514.6	471.1
150	752.5	564.6	508.5
Run VMG	868.6	644.2	540.6

0.9980

TWS	8 kn	12 kn	16 kn
Beat VMG	435.96	262.98	155.2
60	30.37	84.3	105.38
90	30.59	52.08	75.285
120	29.725	77.19	94.22
150	37.625	84.69	76.275
Run VMG	347.44	96.63	54.06

	911.71	657.87	560.42
	25%	50%	25%
	227.928	328.935	140.105
			697.0
			course distance 3600
			elapsed time estimate 29d 00h 58m 03s

TWS	8 kn	12 kn	16 kn
Beat VMG	54.495	43.83	38.8
60	30.37	28.1	26.345
90	122.36	78.12	75.285
120	118.9	102.92	94.22
150	188.125	141.15	127.125
Run VMG	217.15	193.26	162.18

	731.4	587.38	523.955
	25%	40%	35%
	182.85	234.952	183.384
			601.2
			course distance 3600
			elapsed time estimate 25d 01h 11m 11s

projected average daily run 144 nautical miles

GPH 717.0

ETA 2020/02/05 15:11
START 2 2020/01/11 14:00

ETA 2020/01/29 15:11
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Rotary Scout			
TWS	8 kn	12 kn	16 kn
Beat VMG	1116.9	872.2	787.5
60	664.5	538.1	502.9
90	606.4	499.0	477.5
120	603.2	492.0	444.6
150	758.6	555.6	485.5
Run VMG	876.0	636.0	523.4

0.8689

Rotary Scout			
TWS	8 kn	12 kn	16 kn
Beat VMG	1116.9	872.2	787.5
60	664.5	538.1	502.9
90	606.4	499.0	477.5
120	603.2	492.0	444.6
150	758.6	555.6	485.5
Run VMG	876.0	636.0	523.4

1.0161

TWS	8 kn	12 kn	16 kn
Beat VMG	446.76	261.66	157.5
60	33.225	80.715	100.58
90	30.32	49.9	71.625
120	30.16	73.8	88.92
150	37.93	83.34	72.825
Run VMG	350.4	95.4	52.34

	25%	50%	25%	
	232.199	322.408	135.948	690.6
	course distance			3600
	elapsed time estimate			28d 18h 33m 13s

TWS	8 kn	12 kn	16 kn
Beat VMG	55.845	43.61	39.375
60	33.225	26.905	25.145
90	121.28	74.85	71.625
120	120.64	98.4	88.92
150	189.65	138.9	121.375
Run VMG	219	190.8	157.02

	25%	40%	35%	
	184.91	229.386	176.211	590.5
	course distance			3600
	elapsed time estimate			24d 14h 30m 25s

projected average daily run

146 nautical miles

GPH

715.6

ETA 2020/02/05 4:30
START 2 2020/01/11 14:00

ETA 2020/01/29 4:30
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

San Salvador			
TWS	8 kn	12 kn	16 kn
Beat VMG	939.2	769.5	721.3
60	588.5	500.9	479.7
90	565.8	484.4	459.0
120	557.5	470.4	434.0
150	692.0	521.1	465.4
Run VMG	799.2	595.8	499.0

0.9538

San Salvador			
TWS	8 kn	12 kn	16 kn
Beat VMG	939.2	769.5	721.3
60	588.5	500.9	479.7
90	565.8	484.4	459.0
120	557.5	470.4	434.0
150	692.0	521.1	465.4
Run VMG	799.2	595.8	499.0

1.0854

TWS	8 kn	12 kn	16 kn
Beat VMG	375.68	230.85	144.26
60	29.425	75.135	95.94
90	28.29	48.44	68.85
120	27.875	70.56	86.8
150	34.6	78.165	69.81
Run VMG	319.68	89.37	49.9

	815.55	592.52	515.56
	25%	50%	25%
	203.888	296.26	128.89

course distance **629.0**
 elapsed time estimate **3600**
26d 05h 02m 15s

TWS	8 kn	12 kn	16 kn
Beat VMG	46.96	38.475	36.065
60	29.425	25.045	23.985
90	113.16	72.66	68.85
120	111.5	94.08	86.8
150	173	130.275	116.35
Run VMG	199.8	178.74	149.7

	673.845	539.275	481.75
	25%	40%	35%
	168.461	215.71	168.613

course distance **552.8**
 elapsed time estimate **3600**
23d 00h 47m 01s

projected average daily run **156 nautical miles**

GPH **647.9**

ETA **2020/02/03 14:47**
 START 2 **2020/01/11 14:00**

ETA **2020/01/27 14:47**
 START 1 **2020/01/04 14:00**



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Tam Tam			
TWS	8 kn	12 kn	16 kn
Beat VMG	829.5	682.5	656.3
60	528.0	472.2	459.0
90	513.9	458.4	420.8
120	540.5	455.9	399.8
150	705.1	513.8	453.7
Run VMG	814.1	588.9	489.9

1.0146

Tam Tam			
TWS	8 kn	12 kn	16 kn
Beat VMG	829.5	682.5	656.3
60	528.0	472.2	459.0
90	513.9	458.4	420.8
120	540.5	455.9	399.8
150	705.1	513.8	453.7
Run VMG	814.1	588.9	489.9

1.1226

TWS	8 kn	12 kn	16 kn
Beat VMG	331.8	204.75	131.26
60	26.4	70.83	91.8
90	25.695	45.84	63.12
120	27.025	68.385	79.96
150	35.255	77.07	68.055
Run VMG	325.64	88.335	48.99

	25%	50%	25%	
	192.954	277.605	120.796	591.4
	course distance			3600
	elapsed time estimate			24d 15h 21m 18s

TWS	8 kn	12 kn	16 kn
Beat VMG	41.475	34.125	32.815
60	26.4	23.61	22.95
90	102.78	68.76	63.12
120	108.1	91.18	79.96
150	176.275	128.45	113.425
Run VMG	203.525	176.67	146.97

	25%	40%	35%	
	164.639	209.118	160.734	534.5
	course distance			3600
	elapsed time estimate			22d 06h 29m 27s

projected average daily run 162 nautical miles

GPH 609.4

ETA 2020/02/02 20:29
 START 2 2020/01/11 14:00

ETA 2020/01/26 20:29
 START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Umoya			
TWS	8 kn	12 kn	16 kn
Beat VMG	876.5	707.5	684.4
60	559.3	483.1	469.2
90	518.4	460.2	432.3
120	528.6	448.7	394.4
150	691.9	505.3	445.9
Run VMG	798.9	578.4	485.3

1.0016

Umoya			
TWS	8 kn	12 kn	16 kn
Beat VMG	876.5	707.5	684.4
60	559.3	483.1	469.2
90	518.4	460.2	432.3
120	528.6	448.7	394.4
150	691.9	505.3	445.9
Run VMG	798.9	578.4	485.3

1.1295

TWS	8 kn	12 kn	16 kn
Beat VMG	350.6	212.25	136.88
60	27.965	72.465	93.84
90	25.92	46.02	64.845
120	26.43	67.305	78.88
150	34.595	75.795	66.885
Run VMG	319.56	86.76	48.53

	25%	50%	25%	
	196.268	280.298	122.465	599.0
	course distance			3600
	elapsed time estimate			24d 23h 01m 48s

TWS	8 kn	12 kn	16 kn
Beat VMG	43.825	35.375	34.22
60	27.965	24.155	23.46
90	103.68	69.03	64.845
120	105.72	89.74	78.88
150	172.975	126.325	111.475
Run VMG	199.725	173.52	145.59

	25%	40%	35%	
	163.473	207.258	160.465	531.2
	course distance			3600
	elapsed time estimate			22d 03h 11m 42s

projected average daily run 163 nautical miles

GPH 618.2

ETA 2020/02/02 17:11
 START 2 2020/01/11 14:00

ETA 2020/01/26 17:11
 START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Ciao Bella			
TWS	8 kn	12 kn	16 kn
Beat VMG	891.2	713.0	687.2
60	569.4	485.9	470.8
90	517.5	462.7	436.3
120	525.3	447.1	394.3
150	682.4	503.0	444.1
Run VMG	788.0	575.3	483.7

0.9996

Ciao Bella			
TWS	8 kn	12 kn	16 kn
Beat VMG	891.2	713.0	687.2
60	569.4	485.9	470.8
90	517.5	462.7	436.3
120	525.3	447.1	394.3
150	682.4	503.0	444.1
Run VMG	788.0	575.3	483.7

1.1330

TWS	8 kn	12 kn	16 kn
Beat VMG	356.48	213.9	137.44
60	28.47	72.885	94.16
90	25.875	46.27	65.445
120	26.265	67.065	78.86
150	34.12	75.45	66.615
Run VMG	315.2	86.295	48.37

	25%	50%	25%	
	196.603	280.933	122.723	600.3
				course distance 3600
				elapsed time estimate 25d 00h 15m 27s

TWS	8 kn	12 kn	16 kn
Beat VMG	44.56	35.65	34.36
60	28.47	24.295	23.54
90	103.5	69.405	65.445
120	105.06	89.42	78.86
150	170.6	125.75	111.025
Run VMG	197	172.59	145.11

	25%	40%	35%	
	162.298	206.844	160.419	529.6
				course distance 3600
				elapsed time estimate 22d 01h 33m 38s

projected average daily run 163 nautical miles

GPH 620.0

ETA 2020/02/02 15:33
START 2 2020/01/11 14:00

ETA 2020/01/26 15:33
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Northern Light			
TWS	8 kn	12 kn	16 kn
Beat VMG	926.4	740.3	670.5
60	574.6	472.5	444.9
90	534.3	444.8	428.1
120	538.1	442.3	407.7
150	674.1	504.0	439.5
Run VMG	778.4	579.3	478.5

0.9945

Northern Light			
TWS	8 kn	12 kn	16 kn
Beat VMG	926.4	740.3	670.5
60	574.6	472.5	444.9
90	534.3	444.8	428.1
120	538.1	442.3	407.7
150	674.1	504.0	439.5
Run VMG	778.4	579.3	478.5

1.1350

TWS	8 kn	12 kn	16 kn
Beat VMG	370.56	222.09	134.1
60	28.73	70.875	88.98
90	26.715	44.48	64.215
120	26.905	66.345	81.54
150	33.705	75.6	65.925
Run VMG	311.36	86.895	47.85

	25%	50%	25%	
	199.494	283.143	120.653	603.3
	course distance			3600
	elapsed time estimate			25d 03h 17m 19s

TWS	8 kn	12 kn	16 kn
Beat VMG	46.32	37.015	33.525
60	28.73	23.625	22.245
90	106.86	66.72	64.215
120	107.62	88.46	81.54
150	168.525	126	109.875
Run VMG	194.6	173.79	143.55

	25%	40%	35%	
	163.164	206.244	159.233	528.6
	course distance			3600
	elapsed time estimate			22d 00h 38m 25s

projected average daily run 163 nautical miles

GPH 623.0

ETA 2020/02/02 14:38
 START 2 2020/01/11 14:00

ETA 2020/01/26 14:38
 START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Mojie			
TWS	8 kn	12 kn	16 kn
Beat VMG	933.1	737.6	683.0
60	583.6	483.0	457.5
90	521.3	455.7	439.5
120	518.1	441.5	402.5
150	656.1	489.4	436.5
Run VMG	757.6	559.7	472.6

0.9986

Mojie			
TWS	8 kn	12 kn	16 kn
Beat VMG	933.1	737.6	683.0
60	583.6	483.0	457.5
90	521.3	455.7	439.5
120	518.1	441.5	402.5
150	656.1	489.4	436.5
Run VMG	757.6	559.7	472.6

1.1506

TWS	8 kn	12 kn	16 kn
Beat VMG	373.24	221.28	136.6
60	29.18	72.45	91.5
90	26.065	45.57	65.925
120	25.905	66.225	80.5
150	32.805	73.41	65.475
Run VMG	303.04	83.955	47.26

	25%	50%	25%	
	197.559	281.445	121.815	600.8
	course distance			3600
	elapsed time estimate			25d 00h 49m 07s

TWS	8 kn	12 kn	16 kn
Beat VMG	46.655	36.88	34.15
60	29.18	24.15	22.875
90	104.26	68.355	65.925
120	103.62	88.3	80.5
150	164.025	122.35	109.125
Run VMG	189.4	167.91	141.78

	25%	40%	35%	
	159.285	203.178	159.024	521.5
	course distance			3600
	elapsed time estimate			21d 17h 29m 14s

projected average daily run 166 nautical miles

GPH 620.9

ETA **2020/02/02 7:29**
START 2 2020/01/11 14:00

ETA **2020/01/26 7:29**
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Anjo			
TWS	8 kn	12 kn	16 kn
Beat VMG	828.8	671.5	642.3
60	527.1	460.7	445.8
90	501.8	445.4	420.6
120	509.2	437.8	393.5
150	654.5	490.0	435.8
Run VMG	755.7	559.9	470.0

1.0473

Anjo			
TWS	8 kn	12 kn	16 kn
Beat VMG	828.8	671.5	642.3
60	527.1	460.7	445.8
90	501.8	445.4	420.6
120	509.2	437.8	393.5
150	654.5	490.0	435.8
Run VMG	755.7	559.9	470.0

1.1710

TWS	8 kn	12 kn	16 kn
Beat VMG	331.52	201.45	128.46
60	26.355	69.105	89.16
90	25.09	44.54	63.09
120	25.46	65.67	78.7
150	32.725	73.5	65.37
Run VMG	302.28	83.985	47

	25%	50%	25%	
	185.858	269.125	117.945	572.9
	course distance			3600
	elapsed time estimate			23d 20h 55m 39s

TWS	8 kn	12 kn	16 kn
Beat VMG	41.44	33.575	32.115
60	26.355	23.035	22.29
90	100.36	66.81	63.09
120	101.84	87.56	78.7
150	163.625	122.5	108.95
Run VMG	188.925	167.97	141

	25%	40%	35%	
	155.636	200.58	156.151	512.4
	course distance			3600
	elapsed time estimate			21d 08h 22m 01s

projected average daily run 169 nautical miles

GPH 590.7

ETA 2020/02/01 22:22
 START 2 2020/01/11 14:00

ETA 2020/01/25 22:22
 START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%
135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%
135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Adriana			
TWS	8 kn	12 kn	16 kn
Beat VMG	916.1	719.6	648.6
60	541.6	452.9	430.4
90	476.0	423.0	396.1
120	522.9	428.0	389.1
150	662.2	488.3	425.4
Run VMG	764.7	561.9	466.7

1.0249

Adriana			
TWS	8 kn	12 kn	16 kn
Beat VMG	916.1	719.6	648.6
60	541.6	452.9	430.4
90	476.0	423.0	396.1
120	522.9	428.0	389.1
150	662.2	488.3	425.4
Run VMG	764.7	561.9	466.7

1.1769

TWS	8 kn	12 kn	16 kn
Beat VMG	366.44	215.88	129.72
60	27.08	67.935	86.08
90	23.8	42.3	59.415
120	26.145	64.2	77.82
150	33.11	73.245	63.81
Run VMG	305.88	84.285	46.67
	782.455	547.845	463.515
	25%	50%	25%
	195.614	273.923	115.879

585.4

course distance 3600
elapsed time estimate 24d 09h 24m 54s

TWS	8 kn	12 kn	16 kn
Beat VMG	45.805	35.98	32.43
60	27.08	22.645	21.52
90	95.2	63.45	59.415
120	104.58	85.6	77.82
150	165.55	122.075	106.35
Run VMG	191.175	168.57	140.01
	629.39	498.32	437.545
	25%	40%	35%
	157.348	199.328	153.141

509.8

course distance 3600
elapsed time estimate 21d 05h 48m 58s

projected average daily run 169 nautical miles

GPH 602.4

ETA 2020/02/01 19:48
START 2 2020/01/11 14:00

ETA 2020/01/25 19:48
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Ballyhoo Too			
TWS	8 kn	12 kn	16 kn
Beat VMG	792.6	703.3	677.6
60	516.5	481.0	473.2
90	506.8	454.2	419.2
120	493.7	432.6	396.9
150	612.3	477.0	410.8
Run VMG	707.1	539.8	464.7

1.0532

Ballyhoo Too			
TWS	8 kn	12 kn	16 kn
Beat VMG	792.6	703.3	677.6
60	516.5	481.0	473.2
90	506.8	454.2	419.2
120	493.7	432.6	396.9
150	612.3	477.0	410.8
Run VMG	707.1	539.8	464.7

1.1963

TWS	8 kn	12 kn	16 kn
Beat VMG	317.04	210.99	135.52
60	25.825	72.15	94.64
90	25.34	45.42	62.88
120	24.685	64.89	79.38
150	30.615	71.55	61.62
Run VMG	282.84	80.97	46.47

	25%	50%	25%	
	176.586	272.985	120.128	569.7

course distance 3600
elapsed time estimate 23d 17h 41m 55s

TWS	8 kn	12 kn	16 kn
Beat VMG	39.63	35.165	33.88
60	25.825	24.05	23.66
90	101.36	68.13	62.88
120	98.74	86.52	79.38
150	153.075	119.25	102.7
Run VMG	176.775	161.94	139.41

	25%	40%	35%	
	148.851	198.022	154.669	501.5

course distance 3600
elapsed time estimate 20d 21h 32m 30s

projected average daily run 172 nautical miles

GPH 583.7

ETA **2020/02/01 11:32**
START 2 2020/01/11 14:00

ETA **2020/01/25 11:32**
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Argonaut			
TWS	8 kn	12 kn	16 kn
Beat VMG	859.3	692.1	639.4
60	542.6	456.8	435.2
90	500.0	438.4	419.3
120	500.2	426.5	393.3
150	629.7	475.5	423.9
Run VMG	727.1	544.9	456.7

1.0513

Argonaut			
TWS	8 kn	12 kn	16 kn
Beat VMG	859.3	692.1	639.4
60	542.6	456.8	435.2
90	500.0	438.4	419.3
120	500.2	426.5	393.3
150	629.7	475.5	423.9
Run VMG	727.1	544.9	456.7

1.1951

TWS	8 kn	12 kn	16 kn
Beat VMG	343.72	207.63	127.88
60	27.13	68.52	87.04
90	25	43.84	62.895
120	25.01	63.975	78.66
150	31.485	71.325	63.585
Run VMG	290.84	81.735	45.67

	25%	50%	25%	570.7
	185.796	268.513	116.433	
	course distance			3600
	elapsed time estimate			23d 18h 44m 29s

TWS	8 kn	12 kn	16 kn
Beat VMG	42.965	34.605	31.97
60	27.13	22.84	21.76
90	100	65.76	62.895
120	100.04	85.3	78.66
150	157.425	118.875	105.975
Run VMG	181.775	163.47	137.01

	25%	40%	35%	502.1
	152.334	196.34	153.395	
	course distance			3600
	elapsed time estimate			20d 22h 04m 06s

projected average daily run 172 nautical miles

GPH 588.6

ETA 2020/02/01 12:04
START 2 2020/01/11 14:00

ETA 2020/01/25 12:04
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Corum			
TWS	8 kn	12 kn	16 kn
Beat VMG	776.2	645.0	620.0
60	499.4	449.3	433.0
90	481.7	436.7	403.7
120	486.0	420.0	379.2
150	614.3	467.9	414.6
Run VMG	709.4	533.1	455.2

1.0967

Corum			
TWS	8 kn	12 kn	16 kn
Beat VMG	776.2	645.0	620.0
60	499.4	449.3	433.0
90	481.7	436.7	403.7
120	486.0	420.0	379.2
150	614.3	467.9	414.6
Run VMG	709.4	533.1	455.2

1.2251

TWS	8 kn	12 kn	16 kn
Beat VMG	310.48	193.5	124
60	24.97	67.395	86.6
90	24.085	43.67	60.555
120	24.3	63	75.84
150	30.715	70.185	62.19
Run VMG	283.76	79.965	45.52

	25%	50%	25%
	174.578	258.858	113.676
			547.1

course distance 3600
elapsed time estimate 22d 19h 06m 40s

TWS	8 kn	12 kn	16 kn
Beat VMG	38.81	32.25	31
60	24.97	22.465	21.65
90	96.34	65.505	60.555
120	97.2	84	75.84
150	153.575	116.975	103.65
Run VMG	177.35	159.93	136.56

	25%	40%	35%
	147.061	192.45	150.239
			489.8

course distance 3600
elapsed time estimate 20d 09h 45m 02s

projected average daily run 176 nautical miles

GPH 562.9

ETA 2020/01/31 23:45
START 2 2020/01/11 14:00

ETA 2020/01/24 23:45
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Saravah			
TWS	8 kn	12 kn	16 kn
Beat VMG	784.6	633.9	606.5
60	482.9	406.3	394.8
90	452.4	391.1	363.0
120	450.3	376.3	340.7
150	591.0	430.8	381.0
Run VMG	682.5	497.4	439.2

1.1531

Saravah			
TWS	8 kn	12 kn	16 kn
Beat VMG	784.6	633.9	606.5
60	482.9	406.3	394.8
90	452.4	391.1	363.0
120	450.3	376.3	340.7
150	591.0	430.8	381.0
Run VMG	682.5	497.4	439.2

1.3112

TWS	8 kn	12 kn	16 kn
Beat VMG	313.84	190.17	121.3
60	24.145	60.945	78.96
90	22.62	39.11	54.45
120	22.515	56.445	68.14
150	29.55	64.62	57.15
Run VMG	273	74.61	43.92

25%	50%	25%
171.418	242.95	105.98

course distance 3600
elapsed time estimate 21d 16h 20m 51s

520.3

TWS	8 kn	12 kn	16 kn
Beat VMG	39.23	31.695	30.325
60	24.145	20.315	19.74
90	90.48	58.665	54.45
120	90.06	75.26	68.14
150	147.75	107.7	95.25
Run VMG	170.625	149.22	131.76

25%	40%	35%
140.573	177.142	139.883

course distance 3600
elapsed time estimate 19d 01h 35m 50s

457.6

projected average daily run 189 nautical miles

GPH 537.0

ETA 2020/01/30 15:35
START 2 2020/01/11 14:00

ETA 2020/01/23 15:35
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%
135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%
135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

CFM2			
TWS	8 kn	12 kn	16 kn
Beat VMG	718.6	620.2	596.9
60	468.4	424.6	411.0
90	456.5	398.9	352.9
120	452.3	372.7	333.2
150	569.4	438.7	373.8
Run VMG	657.5	507.0	431.6

1.1748

CFM2			
TWS	8 kn	12 kn	16 kn
Beat VMG	718.6	620.2	596.9
60	468.4	424.6	411.0
90	456.5	398.9	352.9
120	452.3	372.7	333.2
150	569.4	438.7	373.8
Run VMG	657.5	507.0	431.6

1.3221

TWS	8 kn	12 kn	16 kn
Beat VMG	287.44	186.06	119.38
60	23.42	63.69	82.2
90	22.825	39.89	52.935
120	22.615	55.905	66.64
150	28.47	65.805	56.07
Run VMG	263	76.05	43.16
	647.77	487.4	420.385
	25%	50%	25%
	161.943	243.7	105.096

510.7

course distance 3600
elapsed time estimate 21d 06h 44m 19s

TWS	8 kn	12 kn	16 kn
Beat VMG	35.93	31.01	29.845
60	23.42	21.23	20.55
90	91.3	59.835	52.935
120	90.46	74.54	66.64
150	142.35	109.675	93.45
Run VMG	164.375	152.1	129.48
	547.835	448.39	392.9
	25%	40%	35%
	136.959	179.356	137.515

453.8

course distance 3600
elapsed time estimate 18d 21h 49m 47s

projected average daily run 190 nautical miles

GPH 525.5

ETA 2020/01/30 11:49
START 2 2020/01/11 14:00

ETA 2020/01/23 11:49
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Mussulo 40			
TWS	8 kn	12 kn	16 kn
Beat VMG	693.1	618.4	591.1
60	452.1	421.6	406.8
90	445.4	379.7	347.4
120	439.2	370.9	329.0
150	559.0	420.1	342.7
Run VMG	645.4	485.4	395.7

1.2030

Mussulo 40			
TWS	8 kn	12 kn	16 kn
Beat VMG	693.1	618.4	591.1
60	452.1	421.6	406.8
90	445.4	379.7	347.4
120	439.2	370.9	329.0
150	559.0	420.1	342.7
Run VMG	645.4	485.4	395.7

1.3711

TWS	8 kn	12 kn	16 kn
Beat VMG	277.24	185.52	118.22
60	22.605	63.24	81.36
90	22.27	37.97	52.11
120	21.96	55.635	65.8
150	27.95	63.015	51.405
Run VMG	258.16	72.81	39.57

	25%	50%	25%	
	157.546	239.095	102.116	498.8

course distance 3600
elapsed time estimate 20d 18h 45m 27s

TWS	8 kn	12 kn	16 kn
Beat VMG	34.655	30.92	29.555
60	22.605	21.08	20.34
90	89.08	56.955	52.11
120	87.84	74.18	65.8
150	139.75	105.025	85.675
Run VMG	161.35	145.62	118.71

	25%	40%	35%	
	133.82	173.512	130.267	437.6

course distance 3600
elapsed time estimate 18d 05h 35m 55s

projected average daily run 197 nautical miles

GPH 513.0

ETA **2020/01/29 19:35**
START 2 2020/01/11 14:00

ETA **2020/01/22 19:35**
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%
135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%
135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Haspa Hamburg			
TWS	8 kn	12 kn	16 kn
Beat VMG	662.0	566.7	538.8
60	422.6	386.1	375.9
90	413.9	367.6	333.6
120	417.6	355.2	324.0
150	544.7	403.8	357.2
Run VMG	629.0	467.2	412.5

1.2657

Haspa Hamburg			
TWS	8 kn	12 kn	16 kn
Beat VMG	662.0	566.7	538.8
60	422.6	386.1	375.9
90	413.9	367.6	333.6
120	417.6	355.2	324.0
150	544.7	403.8	357.2
Run VMG	629.0	467.2	412.5

1.4110

TWS	8 kn	12 kn	16 kn
Beat VMG	264.8	170.01	107.76
60	21.13	57.915	75.18
90	20.695	36.76	50.04
120	20.88	53.28	64.8
150	27.235	60.57	53.58
Run VMG	251.6	70.08	41.25
	606.34	448.615	392.61
	25%	50%	25%
	151.585	224.308	98.1525

474.0

course distance 3600
elapsed time estimate 19d 18h 02m 42s

TWS	8 kn	12 kn	16 kn
Beat VMG	33.1	28.335	26.94
60	21.13	19.305	18.795
90	82.78	55.14	50.04
120	83.52	71.04	64.8
150	136.175	100.95	89.3
Run VMG	157.25	140.16	123.75
	513.955	414.93	373.625
	25%	40%	35%
	128.489	165.972	130.769

425.2

course distance 3600
elapsed time estimate 17d 17h 13m 46s

projected average daily run 203 nautical miles

GPH 487.7

ETA 2020/01/29 7:13
START 2 2020/01/11 14:00

ETA 2020/01/22 7:13
START 1 2020/01/04 14:00



ORC OSN SCHEME			
TWS	8 kn	12 kn	16 kn
Beat VMG	40%	30%	20%
60	5%	15%	20%
90	5%	10%	15%
120	5%	15%	20%
150	5%	15%	15%
Run VMG	40%	15%	10%

135+	45%	30%	25%
75-135	10%	25%	35%
0-75	45%	45%	40%
	25%	50%	25%

Cape2Rio2020 Scheme			
TWS	8 kn	12 kn	16 kn
Beat VMG	5%	5%	5%
60	5%	5%	5%
90	20%	15%	15%
120	20%	20%	20%
150	25%	25%	25%
Run VMG	25%	30%	30%

135+	50%	55%	55%
75-135	40%	35%	35%
0-75	10%	10%	10%
	25%	40%	35%

Almagores II			
TWS	8 kn	12 kn	16 kn
Beat VMG	608.5	494.3	459.6
60	360.8	302.3	289.7
90	339.9	282.6	262.0
120	369.4	284.6	259.8
150	493.3	353.0	289.8
Run VMG	569.6	407.6	335.5

1.4770

Almagores II			
TWS	8 kn	12 kn	16 kn
Beat VMG	608.5	494.3	459.6
60	360.8	302.3	289.7
90	339.9	282.6	262.0
120	369.4	284.6	259.8
150	493.3	353.0	289.8
Run VMG	569.6	407.6	335.5

1.6689

TWS	8 kn	12 kn	16 kn
Beat VMG	243.4	148.29	91.92
60	18.04	45.345	57.94
90	16.995	28.26	39.3
120	18.47	42.69	51.96
150	24.665	52.95	43.47
Run VMG	227.84	61.14	33.55

	25%	50%	25%	
	137.353	189.338	79.535	406.2
	course distance			3600
	elapsed time estimate			16d 22h 13m 30s

TWS	8 kn	12 kn	16 kn
Beat VMG	30.425	24.715	22.98
60	18.04	15.115	14.485
90	67.98	42.39	39.3
120	73.88	56.92	51.96
150	123.325	88.25	72.45
Run VMG	142.4	122.28	100.65

	25%	40%	35%	
	114.013	139.868	105.639	359.5
	course distance			3600
	elapsed time estimate			14d 23h 31m 09s

projected average daily run 240 nautical miles

GPH 418.6

ETA **2020/01/26 13:31**
 START 2 2020/01/11 14:00

ETA **2020/01/19 13:31**
 START 1 2020/01/04 14:00