

# Full Run Comparison Report

Interval 1: Upwind from 2025-06-06 13:47:44 to 2025-06-06 13:49:43: Gian Stragiotti vs Karl Maeder

Run Statistics													
	Avg (Gian Stragiotti)	Avg (Karl Maeder)	Min (Gian Stragiotti)	Min (Karl Maeder)	Max (Gian Stragiotti)	Max (Karl Maeder)	Count (Gian Stragiotti)	Count (Karl Maeder)	StdDev (Gian Stragiotti)	StdDev (Karl Maeder)	Winner (Avg)	Winner (StdDev)	Winner (Overall)
TWS	7.165	7.165	5.204	5.204	9.395	9.394	1031	1031	1.28	1.28			
TWD	171.5	171.5	167.9	167.9	173.8	173.8	1031	1031	1.507	1.507			
SOG	20.34	20.06	16.8	17.9	22.3	22.2	1031	1031	0.9389	0.6387	Gian Stragiotti	Karl Maeder	Tie
VMG	13.71	13.43	9.711	10.02	17.37	16.49	1031	1031	1.444	1.177	Gian Stragiotti	Karl Maeder	Tie
COG	124	123.6	109.9	112.5	137.2	136.9	1031	1031	4.733	4.017		Karl Maeder	Karl Maeder
TWA_Abs	47.44	47.9	35.49	36.52	60.84	58.91	1031	1031	4.8	3.902			
Heel_Lwd	55.2	53.49	36.5	34.3	73.5	76.1	1031	1031	6.227	5.986	Gian Stragiotti	Karl Maeder	Tie
Side_lines	12.94	13.5	2.2	4.9	23.7	25.5	1031	1031	3.684	3.653	Karl Maeder	Karl Maeder	Karl Maeder
Line_C	113.6	110.5	71.9	71.8	152	141	1024	1031	11.79	11.53	Gian Stragiotti	Karl Maeder	Tie
Total_lines	126.4	124.1	82.4	79.1	170.1	162.4	1031	1031	13.47	13.21	Gian Stragiotti	Karl Maeder	Tie

Distance Summary		
	Gian Stragiotti	Karl Maeder
Distance [m]	1081.398980	1066.236848
Straight Line [m]	1075.281260	1061.388559
Distance as Percentage of Straight Line [%]	100.568941	100.456787

Gian Stragiotti gains relative to Karl Maeder			
	Forward	Lateral	VMG
Initial Deficit	4.392011	-14.158777	-7.458954
Final Deficit	-9.538289	-21.325081	-22.159097
Total Gain	-13.930300	-7.166304	-14.700143
Gain per Minute	-8.115447	-4.174911	-8.563938

Interval 2: Downwind from 2025-06-06 13:51:21 to 2025-06-06 13:52:50: Gian Stragiotti vs Karl Maeder

Run Statistics													
	Avg (Gian Stragiotti)	Avg (Karl Maeder)	Min (Gian Stragiotti)	Min (Karl Maeder)	Max (Gian Stragiotti)	Max (Karl Maeder)	Count (Gian Stragiotti)	Count (Karl Maeder)	StdDev (Gian Stragiotti)	StdDev (Karl Maeder)	Winner (Avg)	Winner (StdDev)	Winner (Overall)
TWS	7.181	7.181	6.6	6.6	7.995	7.995	510	510	0.3109	0.3109			
TWD	189.9	189.9	185.6	185.6	195.3	195.3	510	510	3.05	3.05			
SOG	25.69	24.6	22.9	22.6	28.3	26.1	510	510	1.229	0.8187	Gian Stragiotti	Karl Maeder	Tie
VMG	15.6	12.95	11.48	8.383	19.61	17.04	510	510	1.747	1.805	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
COG	317.7	311.8	301.4	297	330.5	321.9	510	510	6.782	5.202		Karl Maeder	Karl Maeder
TWA_Abs	127.9	121.9	113.9	110.6	140.2	133.3	510	510	6.122	4.906			
Heel_Lwd	47.33	48.16	17.1	28.3	65.8	72	510	510	7.557	7.963	Karl Maeder	Gian Stragiotti	Tie
Side_lines	10.79	12.21	3.1	3.6	21.6	25.3	510	510	2.951	3.129	Karl Maeder	Gian Stragiotti	Tie
Line_C	89.49	87.14	42.4	54.2	127.2	131.5	506	510	13.21	13.48	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Total_lines	100.3	99.44	45.7	59.7	145.9	153.5	510	510	14.26	15.39	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti

### Distance Summary

	Gian Stragiotti	Karl Maeder
Distance [m]	672.320036	644.130648
Straight Line [m]	666.693916	640.530353
Distance as Percentage of Straight Line [%]	100.843884	100.562080

### Gian Stragiotti gains relative to Karl Maeder

	Forward	Lateral	VMG
Initial Deficit	-8.043340	-10.502250	-3.352303
Final Deficit	-37.812048	53.281217	65.272103
Total Gain	-29.768709	63.783467	68.624406
Gain per Minute	-35.085302	75.174983	80.880497

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