

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	1066
Straight Line [m]	1075	1061

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]	672.3	644.1
Straight Line [m]	666.7	640.5

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

Interval 1: Upwind from 2025-06-06 13:59:30 to 2025-06-06 14:01:46: 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	7.916	7.916	6.1	6.1	8.7	8.7	1064	1064	0.5793	0.5794			
TWD	181.5	181.5	176.3	176.3	184.8	184.8	1064	1064	2.622	2.622			
SOG	20.58	19.96	17.2	15	22.7	22	1064	1064	0.929	0.9527	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
VMG	10.8	10.1	2.002	5.209	15.39	13.17	1064	1064	1.937	1.436	Gian Stragiotti	Karl Maeder	Tie
COG	123.3	122	99.6	108.4	137.2	131.3	1064	1064	5.176	4.004		Karl Maeder	Karl Maeder
TWA_Abs	58.17	59.52	44.3	48.4	84.8	75.84	1064	1064	5.772	4.327			
Heel_Lwd	54.39	53.87	29.5	33	69.9	73.9	1064	1064	6.104	5.823	Gian Stragiotti	Karl Maeder	Tie
Side_lines	10.78	2.62	1.8	2.462	24.1	2.779	1064	1064	3.661	0.09179	Gian Stragiotti	Karl Maeder	Tie
Line_C	110.7	112.8	61.8	81.7	162.3	146.3	1059	1064	13.39	10.7	Karl Maeder	Karl Maeder	Karl Maeder
Total_lines	121.6	20.96	64.2	20.36	176.8	21.56	1064	1064	14.83	0.3463	Gian Stragiotti	Karl Maeder	Tie

Distance Summary		
	Gian Stragiotti	Karl Maeder
Distance [m]	1130	1095
Straight Line [m]	1123	1090

Gian Stragiotti gains relative to Karl Maeder

	Forward	Lateral	VMG
Initial Deficit	-11.379267	8.152855	0.924698
Final Deficit	-44.169273	-16.472546	-37.291639
Total Gain	-32.790006	-24.625401	-38.216337
Gain per Minute	-18.511308	-13.902053	-21.574696

Interval 2: Downwind from 2025-06-06 14:04:34 to 2025-06-06 14:06:10: 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	6.156	6.156	4.904	4.904	7.2	7.2	704	704	0.5569	0.5569			
TWD	180.6	180.6	171	171	184.4	184.4	704	704	4.601	4.602			
SOG	23.9	23.14	21.9	21.2	25.7	24.7	704	704	0.8593	0.6777	Gian Stragiotti	Karl Maeder	Tie
VMG	15.22	13.29	8.276	7.386	22.48	19.44	704	704	3.873	3.037	Gian Stragiotti	Karl Maeder	Tie
COG	311.2	306.1	293.9	293	329.4	322.2	704	704	8.575	5.378		Karl Maeder	Karl Maeder
TWA_Abs	130.6	125.5	110	108.8	154	146.4	704	704	12.32	9.212			
Heel_Lwd	48.38	48.36	27.6	30.9	69.4	67	704	704	6.952	7.038	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Side_lines	11.35	3.463	2.2	3.358	20.1	3.568	704	704	2.687	0.06075	Gian Stragiotti	Karl Maeder	Tie
Line_C	89.87	86.72	41.6	59	127.3	119.8	700	704	11.46	12.05	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Total_lines	101.2	17.78	45.6	17.39	138.4	18.18	704	704	12.67	0.2292	Gian Stragiotti	Karl Maeder	Tie

Distance Summary		
	Gian Stragiotti	Karl Maeder
Distance [m]	865.4	838.2
Straight Line [m]	854.2	832.9

Gian Stragiotti gains relative to Karl Maeder

	Forward	Lateral	VMG
Initial Deficit	-22.747996	21.273401	30.956246
Final Deficit	-47.308776	95.451907	103.260045
Total Gain	-24.560780	74.178507	72.303798
Gain per Minute	-20.968821	63.330066	61.729530

Interval 1: Upwind from 2025-06-06 14:10:56 to 2025-06-06 14:12:59: 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	7.629	7.629	6.4	6.4	8.3	8.3	1193	1194	0.4052	0.4051			
TWD	177.1	177.1	172.9	172.9	182.9	182.9	1193	1194	3.035	3.034			
SOG	20.04	19.47	11.7	12.9	22.3	21.9	1193	1194	2.581	2.224	Gian Stragiotti	Karl Maeder	Tie
VMG	12.63	12.02	6.655	7.553	17.22	16.1	1193	1194	2.238	1.731	Gian Stragiotti	Karl Maeder	Tie
COG	126.5	125.6	110.9	111.6	141.3	138	1193	1194	5.519	4.575		Karl Maeder	Karl Maeder
TWA_Abs	50.55	51.49	32.83	35.74	67.21	66.46	1193	1194	6.332	5.516			
Heel_Lwd	53.96	51.19	6.8	13.4	73.2	72.9	1193	1194	10.9	9.946	Gian Stragiotti	Karl Maeder	Tie
Side_lines	10.3	12.05	1.3	2.3	24	24.4	1193	1194	4.117	4.552	Karl Maeder	Gian Stragiotti	Tie
Line_C	111.3	105.8	25.8	33.2	154.9	152.2	1185	1194	23.04	21.54	Gian Stragiotti	Karl Maeder	Tie
Total_lines	121.4	117.9	32.7	35.6	165.5	171.3	1193	1194	25.64	24.78	Gian Stragiotti	Karl Maeder	Tie

Distance Summary		
	Gian Stragiotti	Karl Maeder
Distance [m]	1235	1201
Straight Line [m]	1226	1194

Gian Stragiotti gains relative to Karl Maeder

	Forward	Lateral	VMG
Initial Deficit	7.368708	-13.550288	-5.780516
Final Deficit	-25.198774	-35.598073	-43.499376
Total Gain	-32.567482	-22.047785	-37.718860
Gain per Minute	-16.394953	-11.099182	-18.988233

Interval 2: Downwind from 2025-06-06 14:14:38 to 2025-06-06 14:16:07: 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	7.893	7.893	6.184	6.184	8.996	8.995	672	672	0.6437	0.6436			
TWD	170.9	170.9	167	167	174.5	174.5	672	672	2.373	2.373			
SOG	25.32	24.78	23.7	22.7	27	26.4	672	672	0.9042	0.7966	Gian Stragiotti	Karl Maeder	Tie
VMG	20.24	18.98	15.9	12.73	23.89	23.37	672	672	1.788	2.279	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
COG	314.8	311.5	299.9	294.7	330.1	326.5	672	672	7.409	7.339		Karl Maeder	Karl Maeder
TWA_Abs	144	140.6	129.1	122.6	162.3	158.3	672	672	7.972	7.832			
Heel_Lwd	47.14	49.79	27.3	29.7	68.4	72.7	672	672	6.509	7.808	Karl Maeder	Gian Stragiotti	Tie
Side_lines	9.783	12.65	1.6	2.8	18.6	24.5	672	672	2.562	3.291	Karl Maeder	Gian Stragiotti	Tie

	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)
Line_C	87.71	89.22	58.1	59.8	113.3	132.3	666	672	9.983	13.61	Karl Maeder	Gian Stragiotti	Tie
Total_lines	97.88	101.8	62.9	67.6	121.7	155.2	672	672	10.62	15.53	Karl Maeder	Gian Stragiotti	Tie

Distance Summary

	Gian Stragiotti	Karl Maeder
Distance [m]	874.5	855.4
Straight Line [m]	866.2	847.2

Gian Stragiotti gains relative to Karl Maeder

	Forward	Lateral	VMG
Initial Deficit	-7.052754	-12.762034	-1.808409
Final Deficit	-27.498152	33.611211	42.012441
Total Gain	-20.445398	46.373245	43.820851
Gain per Minute	-18.280391	41.462681	39.180566

Interval 1: Upwind from 2025-06-06 14:19:16 to 2025-06-06 14:21:20: 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	7.619	7.619	6.504	6.506	9.396	9.396	806	806	0.8035	0.8035			
TWD	173.4	173.4	171	171	176.1	176.1	806	806	1.607	1.607			
SOG	20.85	19.84	19.1	18.5	22.3	21.3	806	806	0.6945	0.7583	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
VMG	12.5	12.06	8.2	8.03	16.21	14.86	806	806	1.263	1.141	Gian Stragiotti	Karl Maeder	Tie
COG	120.3	120.9	106	107.3	131.6	130.3	806	806	4.199	4.14		Karl Maeder	Karl Maeder
TWA_Abs	53.11	52.5	42.8	44.5	65.41	64.28	806	806	3.772	3.464			
Heel_Lwd	54.88	56.43	31.3	40.4	74.6	74.8	806	806	6.346	5.868	Karl Maeder	Karl Maeder	Karl Maeder
Side_lines	11.69	13.49	2.2	5.6	26.1	25.5	806	806	3.63	3.54	Karl Maeder	Karl Maeder	Karl Maeder
Line_C	112.8	115.5	62.3	76.1	150.6	153.8	802	806	12.68	11.06	Karl Maeder	Karl Maeder	Karl Maeder
Total_lines	124.5	129	75.1	82.6	160.7	176	806	806	13.81	12.64	Karl Maeder	Karl Maeder	Karl Maeder

Distance Summary

	Gian Stragiotti	Karl Maeder
Distance [m]	865.6	824.2
Straight Line [m]	861.5	820.2

Gian Stragiotti gains relative to Karl Maeder

	Forward	Lateral	VMG
Initial Deficit	-11.441512	2.816152	-4.616416
Final Deficit	-52.796013	11.503650	-22.494764
Total Gain	-41.354501	8.687498	-17.878348
Gain per Minute	-30.825145	6.475556	-13.326305

Interval 2: Downwind from 2025-06-06 14:23:58 to 2025-06-06 14:25:19: 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	6.12	6.12	5	5	7.3	7.3	794	794	0.6235	0.6235			
TWD	164.6	164.6	159	159	168.4	168.4	794	794	2.577	2.577			
SOG	25.66	25.2	22.6	22.5	27.9	27.7	794	794	1.303	1.085	Gian Stragiotti	Karl Maeder	Tie

	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)
VMG	22.1	21.64	17.56	16.44	26.77	25.33	794	794	2.157	1.592	Gian Stragiotti	Karl Maeder	Tie
COG	314.4	314	298	298.7	330.9	325.6	794	794	6.567	4.825		Karl Maeder	Karl Maeder
TWA_Abs	149.8	149.4	137.9	137	165.1	161.6	794	794	5.95	4.354			
Heel_Lwd	46.83	46.85	24	19.7	71.7	69.2	794	794	7.115	7.86	Karl Maeder	Gian Stragiotti	Tie
Side_lines	10.51	7.408	0.2	7.104	19.6	7.713	794	794	2.89	0.1762	Gian Stragiotti	Karl Maeder	Tie
Line_C	86.37	nan	42.7	nan	129.5	nan	786	nan	12.53	nan			
Total_lines	97.25	65.12	45.5	56.44	148.9	73.79	794	794	13.93	5.017	Gian Stragiotti	Karl Maeder	Tie

Distance Summary

	Gian Stragiotti	Karl Maeder
Distance [m]	1048	1029
Straight Line [m]	1040	1024

Gian Stragiotti gains relative to Karl Maeder

	Forward	Lateral	VMG
Initial Deficit	14.685818	26.339431	0.547865
Final Deficit	-0.753848	36.147829	18.825590
Total Gain	-15.439666	9.808398	18.277725
Gain per Minute	-11.681819	7.421141	13.829126

Interval 1: Upwind from 2025-06-06 14:38:01 to 2025-06-06 14:40:19: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Winner (Overall)
TWS	8.771	8.77	7.708	7.709	9.8	9.8	799	800	0.5421	0.5421			
TWD	179.8	179.8	176.8	176.8	182.2	182.3	799	800	1.589	1.59			
SOG	21.2	21.25	17.7	17.2	22.9	23.6	799	800	0.9113	0.9516	SenseBoard	Karl Maeder	
VMG	13.76	14.1	7.495	7.292	17.47	17.12	799	800	1.757	1.363	SenseBoard	SenseBoard	SenseBoard
COG	130.3	131.4	115.6	116	141.2	141.3	799	800	5.165	4.074		SenseBoard	SenseBoard
TWA_Abs	49.46	48.41	39.52	39.53	65.68	65.67	799	800	4.98	3.623			
Heel_Lwd	53.63	54.49	22.4	9	74.8	74.5	799	800	8.399	7.044	SenseBoard	SenseBoard	SenseBoard
Side_lines	11.11	10.93	2.2	1.4	26	24.9	799	800	4.255	3.989	Karl Maeder	SenseBoard	SenseBoard
Line_C	112.9	115.9	46.8	50.8	162.8	150.5	799	800	20.32	16.33	SenseBoard	SenseBoard	SenseBoard
Total_lines	123.9	126.8	49.3	54	177.2	174.7	799	800	22.96	18.47	SenseBoard	SenseBoard	SenseBoard

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	871.4	875.4
Straight Line [m]	866.4	871.5

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-8.075118	4.419519	-1.889988
Final Deficit	-3.030132	20.333825	13.483292
Total Gain	5.044986	15.914306	15.373280
Gain per Minute	3.793270	11.965794	11.559002

Interval 2: Downwind from 2025-06-06 14:41:57 to 2025-06-06 14:43:05: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Winner (Overall)
TWS	9.158	9.161	7.5	7.5	10.2	10.2	659	658	0.9168	0.9153			

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V
TWD	168.4	168.4	165.7	165.7	172	172	659	658	1.675	1.675			
SOG	26.57	26.64	24.7	23.6	27.8	28.1	659	658	0.5628	0.7894	SenseBoard	Karl Maeder	
VMG	23.64	23.46	18.54	17.65	25.71	26.27	659	658	1.247	1.554	Karl Maeder	Karl Maeder	Ka
COG	321.7	320.4	303.2	304.9	332.4	328.2	659	658	4.521	3.729		SenseBoard	Sei
TWA_Abs	153.3	152	134.6	136.4	164.5	160.9	659	658	5.287	4.599			
Heel_Lwd	48.77	46.58	31.6	29.8	72.7	65.6	659	658	7.025	6.624	Karl Maeder	SenseBoard	
Side_lines	12.17	9.908	3.3	1.7	21.7	20.7	659	658	3.413	3.168	Karl Maeder	SenseBoard	
Line_C	87.12	84.85	54.2	51.6	127.2	113.9	659	654	13.23	10.93	Karl Maeder	SenseBoard	
Total_lines	99.3	95	61.3	58.9	145.9	134.3	659	658	15.09	11.98	Karl Maeder	SenseBoard	

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	899.1	902.3
Straight Line [m]	895.4	899.4

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	13.683056	33.768801	2.952905
Final Deficit	17.426868	53.457072	8.456723
Total Gain	3.743812	19.688271	5.503818
Gain per Minute	3.413655	17.952012	5.018450

Interval 1: Upwind from 2025-06-06 14:49:00 to 2025-06-06 14:50:32: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V
TWS	9.744	9.744	9	9	10.4	10.4	321	321	0.469	0.469			
TWD	177	177	173.6	173.6	179.2	179.2	321	321	1.548	1.548			
SOG	22.01	22.53	20.3	20.9	23.5	23.5	321	321	0.6993	0.6374	SenseBoard	SenseBoard	Sei
VMG	14.89	15.28	11.24	11.52	17.19	18.17	321	321	1.284	1.592	SenseBoard	Karl Maeder	Ka
COG	129.6	129.8	117.5	117.9	135.5	137.6	321	321	3.38	4.034		Karl Maeder	Ka
TWA_Abs	47.38	47.21	40.18	36.84	59.12	56.92	321	321	3.598	4.455			
Heel_Lwd	55.8	55.27	38.7	38.6	71	70.4	321	321	5.938	5.44	Karl Maeder	SenseBoard	
Side_lines	11.73	11.76	4.4	3.1	25.8	22.4	321	321	3.832	3.557	SenseBoard	SenseBoard	Sei
Line_C	118.1	114.2	82.7	79.3	155.2	146.3	321	319	13.83	11.55	Karl Maeder	SenseBoard	
Total_lines	129.9	125.9	91.1	88.1	175.7	159.3	321	321	15.44	11.66	Karl Maeder	SenseBoard	

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	362.5	371.4
Straight Line [m]	361.3	369.8

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	28.956716	-4.466744	16.321383
Final Deficit	37.530561	-3.617327	22.752243
Total Gain	8.573845	0.849418	6.430860
Gain per Minute	16.070435	1.592111	12.053719

Interval 2: Downwind from 2025-06-06 14:52:06 to 2025-06-06 14:53:29: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V
TWS	9.192	9.19	7.608	7.608	10.29	10.29	295	296	0.8537	0.853			
TWD	172	172	168.9	168.9	173.4	173.4	295	296	1.159	1.157			

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V
SOG	26.05	26.57	24.5	24.8	27.1	28.1	295	296	0.5202	0.7878	SenseBoard	Karl Maeder	
VMG	21.28	21.54	17.62	16.9	23.88	24.95	295	296	0.9979	1.18	SenseBoard	Karl Maeder	
COG	316.9	316.3	305.9	305.4	326.8	326.5	295	296	3.842	3.6		SenseBoard	Sei
TWA_Abs	144.9	144.3	136	133	153.4	153.4	295	296	3.244	3.239			
Heel_Lwd	45.53	45.98	29.2	24.8	69	63.9	295	296	7.14	7.465	SenseBoard	Karl Maeder	
Side_lines	12.26	11.33	4.8	3.5	20.4	22.4	295	296	3.257	3.463	Karl Maeder	Karl Maeder	Ka
Line_C	82.44	82.32	48.5	55.1	125.3	124.4	295	296	16.39	13.97	Karl Maeder	SenseBoard	
Total_lines	93.89	93.6	57.8	63.3	140.9	146.8	295	296	17.77	15.83	Karl Maeder	SenseBoard	

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	394.8	403.2
Straight Line [m]	393.5	401.9

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	4.541539	-27.467791	-19.516056
Final Deficit	12.952795	-22.814446	-23.719294
Total Gain	8.411256	4.653345	-4.203238
Gain per Minute	17.175175	9.501793	-8.582708

Interval 1: Upwind from 2025-06-06 14:57:19 to 2025-06-06 14:59:18: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V
TWS	8.567	8.567	8.004	8.004	9.2	9.2	790	790	0.2764	0.2764			
TWD	183.7	183.7	177.5	177.5	187.3	187.3	790	790	2.888	2.889			
SOG	21.31	21.58	17.7	19.8	22.8	23	790	790	0.8878	0.7527	SenseBoard	SenseBoard	Sei
VMG	14.14	14.79	9.275	11.03	18.08	18.22	790	790	1.455	1.581	SenseBoard	Karl Maeder	
COG	135.4	137.1	117.2	126.9	148.4	149.2	790	790	4.558	3.922		SenseBoard	Sei
TWA_Abs	48.35	46.55	34.81	33.65	62.59	58.8	790	790	4.199	5.104			
Heel_Lwd	52.11	53.28	23.3	30.9	75.7	69.6	790	790	7.666	6.317	SenseBoard	SenseBoard	Sei
Side_lines	10.85	11.02	2.7	2.3	28.1	24.2	790	790	3.904	3.877	SenseBoard	SenseBoard	Sei
Line_C	109.2	110.7	41.7	54.8	152.8	147.4	790	789	18.12	14.27	SenseBoard	SenseBoard	Sei
Total_lines	119.7	121.7	45	58.1	171.1	164.1	790	790	19.82	15.8	SenseBoard	SenseBoard	Sei

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	866.1	877.5
Straight Line [m]	861.9	873.8

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-4.844998	15.454310	8.327167
Final Deficit	6.652505	42.116959	35.890526
Total Gain	11.497503	26.662650	27.563360
Gain per Minute	8.742795	20.274494	20.959401

Interval 2: Downwind from 2025-06-06 15:00:41 to 2025-06-06 15:01:59: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V
TWS	9.757	9.757	8.412	8.413	10.8	10.8	590	591	0.5631	0.5626			
TWD	172.4	172.4	170.2	170.2	175	175	590	591	1.04	1.045			

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V
SOG	27.14	27.97	25	26	29.1	29.4	590	591	0.6307	0.6693	SenseBoard	Karl Maeder	
VMG	23.51	24.16	20.58	21.18	26.73	26.98	590	591	1.022	1.143	SenseBoard	Karl Maeder	
COG	322.7	322.4	311.9	313.8	336.2	338.2	590	591	4.182	4.827		Karl Maeder	Ka
TWA_Abs	150.3	150	138.8	141.4	161.2	163.8	590	591	4.265	4.257			
Heel_Lwd	48.99	47.06	29.8	20.7	72.1	65.1	590	591	7.196	6.724	Karl Maeder	SenseBoard	
Side_lines	12.83	12.92	4.3	4.7	24.2	20.8	590	591	3.271	2.806	SenseBoard	SenseBoard	Sei
Line_C	88.26	89.32	52	61.6	134.5	122.7	590	587	15.97	11.15	SenseBoard	SenseBoard	Sei
Total_lines	101.4	102.4	61.7	70.4	154.3	139.4	590	591	17.42	11.96	SenseBoard	SenseBoard	Sei

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	822.7	849.3
Straight Line [m]	819.6	845.5

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-6.241808	35.885142	23.190464
Final Deficit	19.651566	40.163677	2.812038
Total Gain	25.893374	4.278535	-20.378426
Gain per Minute	26.381878	4.359254	-20.762885

Interval 1: Upwind from 2025-06-06 15:05:50 to 2025-06-06 15:07:21: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V
TWS	10.51	10.51	9.3	9.3	11.9	11.9	819	819	0.703	0.7031			
TWD	176.9	176.9	173.1	173.1	179.7	179.7	819	819	1.823	1.823			
SOG	22.05	22.57	19.8	20.4	23.5	23.7	819	819	0.6676	0.7398	SenseBoard	Karl Maeder	
VMG	13.94	14.37	9.987	9.408	18.15	18.95	819	819	1.484	1.681	SenseBoard	Karl Maeder	
COG	126.4	126.6	113.8	114.2	139.7	137.5	819	819	4.251	3.838		SenseBoard	Sei
TWA_Abs	50.56	50.39	34.13	36.58	63.13	65.28	819	819	5.172	4.656			
Heel_Lwd	54.78	53.82	30.3	32.1	75.9	75.7	819	819	6.237	6.014	Karl Maeder	SenseBoard	
Side_lines	11.49	10.47	3.9	1.7	24	27.5	819	819	3.566	3.893	Karl Maeder	Karl Maeder	Ka
Line_C	114.7	113.3	66.7	55	156.9	152.8	819	815	14.52	14.08	Karl Maeder	SenseBoard	
Total_lines	126.1	124.1	70.6	58.6	168.6	177	819	819	15.51	15.68	Karl Maeder	Karl Maeder	Ka

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	929.9	952.5
Straight Line [m]	925.9	948.8

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	4.056720	-10.373013	-5.434142
Final Deficit	26.955781	-6.725695	11.929291
Total Gain	22.899061	3.647318	17.363433
Gain per Minute	16.796172	2.675262	12.735858

Interval 2: Downwind from 2025-06-06 15:08:54 to 2025-06-06 15:10:01: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V
TWS	8.778	8.78	7.87	7.889	9.796	9.796	612	611	0.543	0.5422			
TWD	168.7	168.7	167.3	167.3	170.1	170.1	612	611	0.6621	0.6604			
SOG	27.79	28.04	24.7	26.1	30	29.7	612	611	1.079	0.8803	SenseBoard	SenseBoard	Sei

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (Overall)
VMG	25.03	25.34	20.66	21.94	27.94	27.7	612	611	1.367	1.188	SenseBoard	SenseBoard	SenseBoard
COG	325.1	324.9	307.5	309.5	344.4	340.9	612	611	9.682	8.34		SenseBoard	SenseBoard
TWA_Abs	156.4	156.3	138.5	140.3	176.7	173.3	612	611	10.02	8.613			
Heel_Lwd	50.88	48.53	32.5	31	68.3	72.1	535	595	6.707	6.54	Karl Maeder	SenseBoard	
Side_lines	12.89	10.89	3.6	2.6	26.5	19.6	612	611	3.393	3.009	Karl Maeder	SenseBoard	
Line_C	90.41	90.82	57.2	65.3	136.6	128.8	612	608	14.62	10.46	SenseBoard	SenseBoard	SenseBoard
Total_lines	103.4	101.8	60.8	72.5	154.4	143.2	612	611	16.49	11.63	Karl Maeder	SenseBoard	

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	874.1	879.4
Straight Line [m]	860.9	869.3

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-2.216076	-13.877196	-3.518170
Final Deficit	6.193558	-12.854398	-10.817126
Total Gain	8.409633	1.022798	-7.298956
Gain per Minute	8.258368	1.004401	-7.167668

Interval 1: Upwind from 2025-06-07 11:49:27 to 2025-06-07 11:51:04: 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	8.909	8.908	8.008	8.008	9.7	9.7	650	649	0.4653	0.4656			
TWD	193.5	193.5	191.8	191.8	194.7	194.7	650	649	0.7859	0.7858			
SOG	21.5	21.19	15.1	13.2	23.4	23.9	650	649	2.21	2.776	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
VMG	13.51	13.13	7.468	4.347	17.92	17.32	650	649	2.251	2.602	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
COG	142.3	141.5	129.9	121.8	155	154.3	650	649	4.73	4.975		Gian Stragiotti	Gian Stragiotti
TWA_Abs	51.16	51.96	38.2	39.65	63.61	70.92	650	649	4.571	4.818			
Heel_Lwd	52.75	48.56	18.9	7.6	74	71.6	650	649	10.18	11.82	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Side_lines	10.72	12.08	2	2.4	21.4	26.3	650	649	4.385	4.689	Karl Maeder	Gian Stragiotti	Tie
Line_C	108.5	104.1	41.1	34.5	156.2	157.6	645	649	24.9	28.58	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Total_lines	118.6	116.2	44.6	37.1	168.5	175.8	650	649	28.02	32.12	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti

Distance Summary

	Gian Stragiotti	Karl Maeder
Distance [m]	717.6	706.2
Straight Line [m]	714.1	702.7

Gian Stragiotti gains relative to Karl Maeder

	Forward	Lateral	VMG
Initial Deficit	6.105243	-8.207956	-2.564499
Final Deficit	-5.318927	-16.181351	-15.939539
Total Gain	-11.424170	-7.973395	-13.375040
Gain per Minute	-10.564241	-7.373215	-12.368263

Interval 2: Downwind from 2025-06-07 11:52:16 to 2025-06-07 11:53:29: 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)
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	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	8.559	8.559	7.694	7.694	9.1	9.1	291	291	0.45	0.45			
TWD	189.8	189.8	188.6	188.6	193	193	291	291	1.311	1.311			
SOG	27.77	27.17	26.7	26.4	28.9	27.9	291	291	0.5439	0.321	Gian Stragiotti	Karl Maeder	Tie
VMG	22.11	21.28	19.39	17.45	24.61	24.13	291	291	0.9793	1.13	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
COG	332.6	331.5	324.6	319.3	341.1	342.5	291	291	3.339	4.152		Gian Stragiotti	Gian Stragiotti
TWA_Abs	142.9	141.7	135.9	129.9	151.5	150.2	291	291	2.942	3.842			
Heel_Lwd	48.03	48.2	31.5	27.2	68	70.9	291	291	6.257	6.878	Karl Maeder	Gian Stragiotti	Tie
Side_lines	10.82	12.98	4	4.8	17.8	23.3	291	291	2.45	3.001	Karl Maeder	Gian Stragiotti	Tie
Line_C	87.47	88.3	64.4	58.6	110.9	120.5	290	291	10.25	13.52	Karl Maeder	Gian Stragiotti	Tie
Total_lines	98.04	101.3	73.5	65.3	125.5	140.9	291	291	10.82	15.28	Karl Maeder	Gian Stragiotti	Tie

Distance Summary

	Gian Stragiotti	Karl Maeder
Distance [m]	414.8	405.3
Straight Line [m]	413.7	403.8

Gian Stragiotti gains relative to Karl Maeder

	Forward	Lateral	VMG
Initial Deficit	-13.528043	-24.512831	-4.014824
Final Deficit	-23.552666	-16.442396	8.849060
Total Gain	-10.024623	8.070435	12.863883
Gain per Minute	-20.747754	16.703212	26.624111

Interval 1: Upwind from 2025-06-07 13:26:05 to 2025-06-07 13:27:59: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C)
TWS	9.903	9.903	9.2	9.2	10.9	10.9	600	600	0.4191	0.4191			
TWD	185.8	185.8	181.6	181.6	189	189	600	600	1.94	1.94			
SOG	22.6	23.35	20.6	21.6	24	25.2	600	600	0.6909	0.6686	SenseBoard	SenseBoard	Sei
VMG	15.87	16.79	12.43	13.35	19.2	20.72	600	600	1.247	1.177	SenseBoard	SenseBoard	Sei
COG	140.6	142	132.2	131.5	150.8	154.6	600	600	3.574	3.998		Karl Maeder	Ka
TWA_Abs	45.27	43.84	33.01	29.06	55.95	54.69	600	600	4.006	4.212			
Heel_Lwd	54.43	54.26	34.9	33.7	71.9	72	600	600	5.976	6.035	Karl Maeder	Karl Maeder	Ka
Side_lines	124.2	13.91	83.8	5.7	167.9	25.6	600	600	15.55	3.681	Karl Maeder	SenseBoard	
Line_C	6.381	117.2	2.3	72.5	13.3	148.9	600	596	1.953	13.15	SenseBoard	Karl Maeder	
Total_lines	130.5	130.3	87.1	81.2	179.5	170.1	600	600	16.45	14.36	Karl Maeder	SenseBoard	

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	698.3	720.4
Straight Line [m]	695.9	717.7

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	18.076173	-6.202092	8.315830
Final Deficit	39.678884	10.169931	35.150423
Total Gain	21.602711	16.372022	26.834593
Gain per Minute	21.642750	16.402367	26.884329

Interval 2: Downwind from 2025-06-07 13:29:27 to 2025-06-07 13:30:03: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C)
TWS	10.85	10.85	10.71	10.71	10.99	10.99	33	33	0.09565	0.09571			
TWD	184.8	184.8	184.5	184.5	185.1	185.1	33	33	0.1633	0.1634			
SOG	28.55	28.87	27.7	28.1	29.4	29.8	33	33	0.5363	0.5844	SenseBoard	Karl Maeder	
VMG	23.63	24.37	22.39	23.38	24.74	25.78	33	33	0.5073	0.6737	SenseBoard	Karl Maeder	
COG	330.7	332.4	327.2	329.6	335.5	334.9	33	33	1.737	1.5		SenseBoard	Se
TWA_Abs	145.9	147.6	142.5	144.8	151	149.9	33	33	1.801	1.485			
Heel_Lwd	47.11	47.55	38.6	32.9	54.2	59	33	33	4.484	6.011	SenseBoard	Karl Maeder	
Side_lines	99.87	10.85	83.3	4.4	121.6	17.1	33	33	9.552	3.076	Karl Maeder	SenseBoard	
Line_C	6.711	91.78	1.9	84	12.3	111.5	33	33	2.223	6.072	SenseBoard	Karl Maeder	
Total_lines	107.9	102.8	96.3	88.7	127.1	127.7	33	33	8.727	8.108	Karl Maeder	SenseBoard	

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	47.69	48.09
Straight Line [m]	47.65	48.04

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-0.938160	-13.821315	-6.972173
Final Deficit	-0.569522	-15.416618	-8.171841
Total Gain	0.368638	-1.595303	-1.199668
Gain per Minute	6.946697	-30.062249	-22.606806

Interval 1: Upwind from 2025-06-07 11:58:23 to 2025-06-07 11:59:48: 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	8.79	8.79	7.9	7.9	9.4	9.4	480	481	0.4061	0.4059			
TWD	186.8	186.8	185.3	185.3	189.4	189.4	480	481	0.9497	0.949			
SOG	23.03	22.71	21.3	21.6	24.6	24.2	480	481	0.7051	0.5141	Gian Stragiotti	Karl Maeder	Tie
VMG	15.87	15.25	12.46	12.44	19.06	17.88	480	481	1.41	1.131	Gian Stragiotti	Karl Maeder	Tie
COG	140.4	139	133.2	131.9	148.7	148	480	481	3.099	2.747		Karl Maeder	Karl Maeder
TWA_Abs	46.41	47.78	36.79	38.37	55.33	55.38	480	481	3.591	3.249			
Heel_Lwd	57.68	54.88	41.6	37.9	74.4	74.2	480	481	5.759	5.064	Gian Stragiotti	Karl Maeder	Tie
Side_lines	13.85	13.41	5.6	5.6	26.9	26.4	480	481	3.522	3.327	Gian Stragiotti	Karl Maeder	Tie
Line_C	121.4	118.5	85.8	77.8	153.2	146.3	479	481	11.07	12.14	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Total_lines	135.1	131.9	101.1	92.7	169.7	168.8	480	481	12.21	13.35	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti

Distance Summary		
	Gian Stragiotti	Karl Maeder
Distance [m]	568.6	561.4
Straight Line [m]	567	559.9

Gian Stragiotti gains relative to Karl Maeder			
	Forward	Lateral	VMG
Initial Deficit	-11.838622	12.552696	0.927871
Final Deficit	-19.098580	-0.794722	-13.744953
Total Gain	-7.259958	-13.347418	-14.672825
Gain per Minute	-9.095033	-16.721198	-18.381624

Interval 2: Downwind from 2025-06-07 12:01:23 to 2025-06-07 12:02:35: 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	8.751	8.751	7.812	7.815	9.8	9.8	355	355	0.6253	0.6253			
TWD	173.6	173.6	171.7	171.7	178.2	178.2	355	355	1.988	1.988			
SOG	27.23	26.47	26.2	25.1	28.6	28.4	355	355	0.6264	0.6677	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
VMG	24.31	23.48	22.38	21.03	26.55	26.29	355	355	0.955	0.9465	Gian Stragiotti	Karl Maeder	Tie
COG	326.9	326.2	317.9	316.7	335.8	337.9	355	355	4.161	4.178		Gian Stragiotti	Gian Stragiotti
TWA_Abs	153.3	152.6	145.8	144.5	161.2	160.4	355	355	2.771	2.947			
Heel_Lwd	45.4	45.71	22.8	31.1	62.6	63.7	355	355	7.345	5.972	Karl Maeder	Karl Maeder	Karl Maeder
Side_lines	10.63	12.58	2.7	4.2	20.2	20.8	355	355	2.803	2.96	Karl Maeder	Gian Stragiotti	Tie
Line_C	83.15	82.15	42.9	51.2	108.8	124.7	355	355	11.81	14.98	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Total_lines	93.81	94.62	46.8	58.7	126.2	138.4	355	355	13.1	16.75	Karl Maeder	Gian Stragiotti	Tie

Distance Summary		
	Gian Stragiotti	Karl Maeder
Distance [m]	496.2	481.7
Straight Line [m]	494.5	480

Gian Stragiotti gains relative to Karl Maeder			
	Forward	Lateral	VMG
Initial Deficit	-23.771297	17.900735	29.279414
Final Deficit	-38.358336	23.388985	44.777132
Total Gain	-14.587039	5.488250	15.497719
Gain per Minute	-24.718907	9.300279	26.262127

Interval 1: Upwind from 2025-06-07 12:14:06 to 2025-06-07 12:15:52: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	9.386	9.387	8.806	8.806	10	10	525	526	0.3039	0.3037		
TWD	181.7	181.7	178.9	178.9	183.9	183.9	525	526	1.899	1.899		
SOG	22.67	22.32	21.1	20.7	24.4	23.7	525	526	0.7327	0.589	Gian Stragiotti	SenseBoard
VMG	15.7	15.24	11.22	10.71	18.36	18.24	525	526	1.371	1.693	Gian Stragiotti	Gian Stragiotti
COG	135.8	135	123.3	123.9	143.9	145	525	526	3.84	4.282		Gian Stragiotti
TWA_Abs	45.92	46.77	35.66	36.2	60.09	59.6	525	526	4.813	5.17		
Heel_Lwd	57	52.76	41.8	35.5	71.4	68.5	525	526	5.411	5.927	Gian Stragiotti	Gian Stragiotti
Side_lines	14.27	nan	6.5	nan	24.2	nan	525	nan	3.334	nan		
Line_C	122.2	116	90.4	81.1	146.9	149.4	522	526	10.3	13.79	Gian Stragiotti	Gian Stragiotti
Total_lines	136.4	nan	103	nan	163.6	nan	525	nan	10.62	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	613.2	603.8
Straight Line [m]	610.7	600.9

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	10.692623	-17.380642	-5.047580
Final Deficit	0.819329	-25.845901	-17.997218
Total Gain	-9.873294	-8.465259	-12.949638

	Forward	Lateral	VMG
Gain per Minute	-11.303788	-9.691750	-14.825850

Interval 2: Downwind from 2025-06-07 12:17:39 to 2025-06-07 12:18:41: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	9.071	9.072	8.4	8.4	9.588	9.587	417	418	0.3135	0.3136		
TWD	170.6	170.7	168.1	168.1	176.7	176.7	417	418	2.333	2.349		
SOG	26.37	25.66	23.6	24.1	28.2	27.3	417	418	1.243	0.8026	Gian Stragiotti	SenseBoard
VMG	23.09	22.47	18.04	18.01	26.21	25.43	417	418	1.896	1.783	Gian Stragiotti	SenseBoard
COG	322.8	322.3	306.5	311.8	335.1	332.1	417	418	5.752	4.314		SenseBoard
TWA_Abs	152.2	151.7	130.5	135.2	167	163.8	417	418	7.685	6.156		
Heel_Lwd	46.19	47.08	13.8	27.8	70.4	71.2	417	418	8.145	7.506	SenseBoard	SenseBoard
Side_lines	10.51	nan	1.2	nan	19.5	nan	417	nan	3.127	nan		
Line_C	84.99	84.48	21.5	43.8	115.8	120.1	414	418	15.57	12.85	Gian Stragiotti	SenseBoard
Total_lines	95.65	nan	23.3	nan	133.3	nan	417	nan	17.41	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	564.1	549.9
Straight Line [m]	560.6	547.7

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-27.054375	-28.275832	10.718394
Final Deficit	-39.970202	-24.725126	23.797503
Total Gain	-12.915827	3.550706	13.079108
Gain per Minute	-18.627254	5.120842	18.862738

Interval 1: Upwind from 2025-06-07 12:26:28 to 2025-06-07 12:27:45: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	9.125	9.125	8.4	8.4	9.696	9.696	458	458	0.3314	0.3314		
TWD	179.1	179.1	174.7	174.7	185.3	185.3	458	458	3.878	3.878		
SOG	22.52	22.2	21.3	21.3	23.3	22.9	458	458	0.3599	0.3226	Gian Stragiotti	SenseBoard
VMG	16.87	16.5	12.62	12.47	19.9	19.41	458	458	1.458	1.515	Gian Stragiotti	Gian Stragiotti
COG	137.9	137.3	128.3	129	146.2	146.3	458	458	3.241	3.047		SenseBoard
TWA_Abs	41.17	41.73	29.2	29.48	56.21	55.75	458	458	5.546	5.416		
Heel_Lwd	54.64	54.98	35.2	38.8	74	73.7	458	458	6.269	6.137	SenseBoard	SenseBoard
Side_lines	11.77	nan	5.5	nan	23.9	nan	458	nan	3.451	nan		
Line_C	113.7	6.847	74.6	3.2	156.9	13.3	457	458	13.02	1.903	Gian Stragiotti	SenseBoard
Total_lines	125	nan	80.5	nan	160	nan	458	nan	13.52	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	530.4	523.5
Straight Line [m]	528.6	521.8

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-19.865243	3.443142	-12.688330

	Forward	Lateral	VMG
Final Deficit	-26.685942	-1.444598	-21.040315
Total Gain	-6.820699	-4.887741	-8.351986
Gain per Minute	-8.954770	-6.417025	-10.965168

Interval 2: Downwind from 2025-06-07 12:29:32 to 2025-06-07 12:30:05: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	9.779	9.779	9.454	9.454	10	10	55	55	0.1897	0.1897		
TWD	177.7	177.7	177.3	177.3	178.3	178.3	55	55	0.3206	0.3207		
SOG	22.62	25.96	19.7	25.5	25.4	26.2	55	55	2.183	0.1584	SenseBoard	SenseBoard
VMG	20.65	20.92	17.76	19.15	23	21.94	55	55	1.868	0.5743	SenseBoard	SenseBoard
COG	334	321.5	326.2	314.6	340.9	325.2	55	55	3.631	2.305		SenseBoard
TWA_Abs	156.3	143.8	148	137.2	163.2	147.9	55	55	3.752	2.27		
Heel_Lwd	24.37	46.31	9.5	32.3	48.6	61.5	55	55	9.252	6.474	SenseBoard	SenseBoard
Side_lines	4.501	nan	1.2	nan	10.4	nan	55	nan	2.741	nan		
Line_C	42.08	7.178	11.7	3.2	79.5	11.8	55	55	21.56	1.532	Gian Stragiotti	SenseBoard
Total_lines	46.5	nan	14.1	nan	84.5	nan	55	nan	22.94	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	61.1	72.07
Straight Line [m]	60.84	71.91

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-18.824437	22.789449	26.399559
Final Deficit	-9.468608	38.148965	24.009929
Total Gain	9.355829	15.359516	-2.389631
Gain per Minute	104.281948	171.200248	-26.635304

Interval 1: Upwind from 2025-06-07 12:35:42 to 2025-06-07 12:37:17: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	8.515	8.515	7.904	7.905	9.196	9.195	777	776	0.3272	0.3273		
TWD	167.8	167.8	164.3	164.3	170.8	170.8	777	776	1.923	1.922		
SOG	21.43	21.83	16.6	17.7	23.5	23.6	777	776	1.466	1.159	SenseBoard	SenseBoard
VMG	16.95	17.23	11.94	12.68	20.04	20.05	777	776	1.553	1.35	SenseBoard	SenseBoard
COG	130.1	130	121.5	120.8	141.5	139.8	777	776	3.75	3.393		SenseBoard
TWA_Abs	37.69	37.79	27.89	28.73	46.36	46.74	777	776	3.414	3.351		
Heel_Lwd	52.4	51.82	14.5	19.1	71.9	72.8	777	776	9.777	8.128	Gian Stragiotti	SenseBoard
Side_lines	12.34	nan	2.6	nan	25.4	nan	777	nan	4.306	nan		
Line_C	111.3	5.974	38.4	2	146.6	11.7	775	776	21.95	1.92	Gian Stragiotti	SenseBoard
Total_lines	123.2	nan	42.9	nan	166.5	nan	777	nan	24.92	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	856.7	871.2
Straight Line [m]	853.1	868.1

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	12.523092	-6.435219	5.974900

	Forward	Lateral	VMG
Final Deficit	27.487800	-7.881945	16.931946
Total Gain	14.964708	-1.446726	10.957046
Gain per Minute	11.571098	-1.118646	8.472271

Interval 2: Downwind from 2025-06-07 12:39:01 to 2025-06-07 12:40:09: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	7.837	7.837	7.4	7.4	8.3	8.3	96	96	0.3305	0.3304		
TWD	170.3	170.3	170	170	170.6	170.6	96	96	0.2375	0.2375		
SOG	25.86	26.43	24.9	25.8	27.5	27.3	96	96	0.5726	0.426	SenseBoard	SenseBoard
VMG	22.55	22.46	21.17	20.69	24.16	23.55	96	96	0.6025	0.614	Gian Stragiotti	Gian Stragiotti
COG	321.2	318.5	313.7	311.9	329.6	323.8	96	96	3.507	2.591		SenseBoard
TWA_Abs	150.9	148.3	143.2	141.4	159	153.8	96	96	3.479	2.679		
Heel_Lwd	40.75	47.22	25.7	30.1	56.9	64.5	96	96	7.051	7.704	SenseBoard	Gian Stragiotti
Side_lines	9.314	nan	4	nan	18.1	nan	96	nan	3.098	nan		
Line_C	75.2	6.888	48.6	3.6	119.5	9.8	96	96	17.67	1.653	Gian Stragiotti	SenseBoard
Total_lines	84.31	nan	53.1	nan	133.1	nan	96	nan	19.31	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	126	128.8
Straight Line [m]	125.7	128.5

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-32.411663	9.150723	32.774911
Final Deficit	-29.681255	14.890183	33.177042
Total Gain	2.730407	5.739460	0.402131
Gain per Minute	17.251942	36.264492	2.540844

Interval 1: Upwind from 2025-06-07 12:46:26 to 2025-06-07 12:47:53: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	8.693	8.691	7.795	7.785	9.496	9.495	531	532	0.4164	0.4179		
TWD	184.2	184.2	181.4	181.4	190.1	190.1	531	532	2.573	2.573		
SOG	23.55	23.44	22	22.2	24.6	24.8	531	532	0.6072	0.5747	Gian Stragiotti	SenseBoard
VMG	14.58	14.41	11.22	10.14	17.67	17.61	531	532	1.138	1.236	Gian Stragiotti	Gian Stragiotti
COG	132.5	132.2	124.9	124.5	140.6	143.3	531	532	2.876	3.367		Gian Stragiotti
TWA_Abs	51.72	52	43.36	43.23	61.6	63.2	531	532	2.97	3.48		
Heel_Lwd	55.37	54.64	37.9	35.6	72	71.2	531	532	5.253	5.901	Gian Stragiotti	Gian Stragiotti
Side_lines	11.92	nan	3.3	nan	25.8	nan	531	nan	3.755	nan		
Line_C	118.1	6.733	80.8	2.5	166	14.1	531	532	13.85	1.807	Gian Stragiotti	SenseBoard
Total_lines	130.1	nan	93.1	nan	179.6	nan	531	nan	15	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	643	642
Straight Line [m]	641.2	639.9

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-13.440734	13.806699	2.509817
Final Deficit	-14.751968	9.981954	-1.304774
Total Gain	-1.311234	-3.824745	-3.814591
Gain per Minute	-1.484977	-4.331534	-4.320035

Interval 2: Downwind from 2025-06-07 12:49:36 to 2025-06-07 12:50:41: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	7.86	7.859	7.4	7.4	8.2	8.2	411	412	0.2259	0.2257		
TWD	174.7	174.7	169.5	169.5	176.7	176.7	411	412	2.094	2.108		
SOG	28.11	27.09	26.1	25.5	29.4	28	411	412	0.5808	0.5952	Gian Stragiotti	Gian Stragiotti
VMG	22.21	21.47	19.29	18.35	25.1	23.84	411	412	1.375	1.341	Gian Stragiotti	SenseBoard
COG	317	317.2	309.7	308.1	327.4	325.8	411	412	3.501	3.572		Gian Stragiotti
TWA_Abs	142.4	142.5	133.3	133.5	151	151.1	411	412	4.177	3.693		
Heel_Lwd	48.53	49.26	29.2	23.6	62.9	69.4	411	412	5.956	6.916	SenseBoard	Gian Stragiotti
Side_lines	10.63	nan	2.2	nan	18.6	nan	411	nan	3.206	nan		
Line_C	92.61	7.217	66.7	2.5	115.5	12.2	410	412	9.904	1.681	Gian Stragiotti	SenseBoard
Total_lines	103.7	nan	73.5	nan	131.1	nan	411	nan	11.01	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	593.3	572.8
Straight Line [m]	591.6	571.1

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-8.475603	13.228824	14.789990
Final Deficit	-28.935932	11.672525	30.042252
Total Gain	-20.460329	-1.556299	15.252262
Gain per Minute	-29.944866	-2.277733	22.322561

Interval 1: Upwind from 2025-06-07 12:59:40 to 2025-06-07 13:01:25: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Winner (Count)
TWS	9.077	9.077	7.5	7.5	10	10	852	852	0.7614	0.7614			
TWD	181	181	174.9	174.9	186.7	186.7	852	852	4.04	4.04			
SOG	21.91	21.91	18.6	20.2	24.2	23.6	852	852	0.9445	0.6558	SenseBoard	SenseBoard	SenseBoard
VMG	14.54	14.69	9.382	10.25	20.41	19.25	852	852	2.468	2.248	SenseBoard	SenseBoard	SenseBoard
COG	133	133.6	121.7	123.1	149.6	146.6	852	852	5.13	4.833		SenseBoard	SenseBoard
TWA_Abs	47.99	47.45	26.8	28.83	64.51	61.16	852	852	8.096	7.679			
Heel_Lwd	54.71	54.02	36	36.2	79.1	72.1	852	852	5.97	5.652	Karl Maeder	SenseBoard	
Side_lines	122	14.18	78.9	6.5	170.3	25.4	852	852	12.23	3.348	Karl Maeder	SenseBoard	
Line_C	6.655	113.7	2.9	83	13.5	144.1	852	849	1.862	10.98	SenseBoard	Karl Maeder	
Total_lines	129	127.9	85.1	92.6	175.7	168.1	852	852	12.77	12.44	Karl Maeder	SenseBoard	

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	961.6	961.6
Straight Line [m]	956	956.4

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-8.271723	10.266761	2.094393
Final Deficit	-7.972638	18.866653	8.685300
Total Gain	0.299084	8.599892	6.590907
Gain per Minute	0.210870	6.063378	4.646938

Interval 2: Downwind from 2025-06-07 13:03:19 to 2025-06-07 13:04:25: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (O
TWS	8.9	8.899	8	8	10.29	10.29	254	253	0.6879	0.6892			
TWD	178.1	178.1	176.6	176.6	179.4	179.4	254	253	0.8574	0.8582			
SOG	26.67	26.22	25.2	25.1	27.8	28	254	253	0.6085	0.8344	Karl Maeder	Karl Maeder	Ka
VMG	20.05	20.4	16.83	17.26	22.93	23.29	254	253	1.418	1.347	SenseBoard	SenseBoard	Sei
COG	317	319.2	308.7	311.8	325.4	325.5	254	253	3.563	2.439		SenseBoard	Sei
TWA_Abs	138.9	141.1	130.1	132.6	148.1	148.6	254	253	4.018	2.864			
Heel_Lwd	48.35	45.52	29.2	28	59.9	62.5	254	253	5.656	6.522	Karl Maeder	Karl Maeder	Ka
Side_lines	93.55	9.765	60.1	3.4	133.5	16.3	254	253	15.17	2.229	Karl Maeder	SenseBoard	
Line_C	7.019	81.17	2.4	57.2	12.4	106.4	254	252	1.901	11.08	SenseBoard	Karl Maeder	
Total_lines	100.2	90.89	64.4	64.2	145.9	120	254	253	15.9	11.6	Karl Maeder	SenseBoard	

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	348.1	340.9
Straight Line [m]	346.9	340.1

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	17.374595	59.757569	26.193719
Final Deficit	10.272897	46.691491	22.955100
Total Gain	-7.101698	-13.066078	-3.238619
Gain per Minute	-16.853296	-31.007582	-7.685683

Interval 1: Upwind from 2025-06-07 13:08:49 to 2025-06-07 13:10:12: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Wi (O
TWS	9.616	9.616	7.805	7.804	10.7	10.7	721	721	0.7121	0.7121			
TWD	182.2	182.2	180.8	180.8	183.9	183.9	721	721	0.7215	0.7216			
SOG	22.6	22.68	21	19.6	23.8	24.3	721	721	0.5639	0.6905	SenseBoard	Karl Maeder	
VMG	16.78	16.97	14.62	14.29	18.53	19.5	721	721	0.7008	0.8823	SenseBoard	Karl Maeder	
COG	140.3	140.8	131.4	131.8	147.2	148.4	721	721	2.736	2.957		Karl Maeder	M
TWA_Abs	41.97	41.46	34.66	33.77	50.31	49.72	721	721	2.738	3.018			
Heel_Lwd	55.29	52.72	33.3	20.5	71.9	70.7	721	721	5.513	6.835	Karl Maeder	Karl Maeder	M
Side_lines	124.2	11.94	80.2	3.2	167.3	23.1	721	721	14.15	3.467	Karl Maeder	SenseBoard	
Line_C	6.381	113.1	2.5	47.6	12.6	150.3	721	719	1.802	15.54	SenseBoard	Karl Maeder	
Total_lines	130.5	125.2	82.7	53	173.2	168.4	721	721	14.83	17.4	Karl Maeder	Karl Maeder	M

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	838.8	840.6
Straight Line [m]	836.6	838.3

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	12.079586	-9.032643	2.939721
Final Deficit	13.750950	-1.168026	9.442051
Total Gain	1.671364	7.864617	6.502330
Gain per Minute	1.392687	6.553301	5.418157

Interval 2: Downwind from 2025-06-07 13:11:40 to 2025-06-07 13:12:53: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Win (Count)
TWS	10.04	10.04	8.406	8.405	11.99	11.99	538	538	1.064	1.064			
TWD	188.1	188.1	182.8	182.8	190.8	190.8	538	538	1.954	1.953			
SOG	27.54	27.85	25.5	26.3	28.8	29.3	538	538	0.8442	0.8874	SenseBoard	Karl Maeder	
VMG	23.21	23.1	19.73	19.76	25.75	25.89	538	538	1.255	1.278	Karl Maeder	Karl Maeder	Karl Maeder
COG	335.7	334.3	326.5	324.4	344.5	343.3	538	538	3.502	3.512		Karl Maeder	Karl Maeder
TWA_Abs	147.6	146.2	136.3	135.3	157.2	155.9	538	538	3.733	3.743			
Heel_Lwd	46.66	44.32	20.1	25.2	61.7	65.9	538	538	6.324	6.774	Karl Maeder	Karl Maeder	Karl Maeder
Side_lines	92.57	9.21	48.9	1.5	151.5	16.5	538	538	16.11	2.72	Karl Maeder	SenseBoard	
Line_C	7.043	79.2	2.8	43.2	11.9	109.3	538	536	1.919	10.79	SenseBoard	Karl Maeder	
Total_lines	99.56	88.35	57.6	45.4	163.4	123.6	538	538	17.2	11.94	Karl Maeder	SenseBoard	

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	761.1	769.6
Straight Line [m]	759.1	767.5

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	10.987984	-22.083650	-21.108328
Final Deficit	19.184495	-3.498428	-18.073787
Total Gain	8.196511	18.585222	3.034541
Gain per Minute	9.159648	20.769092	3.391117

Interval 1: Upwind from 2025-06-07 13:16:44 to 2025-06-07 13:18:29: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Win (Count)
TWS	10.33	10.33	9.006	9.007	11.2	11.2	898	899	0.5382	0.538			
TWD	181.6	181.6	178.4	178.4	185.7	185.7	898	899	1.864	1.868			
SOG	22.08	22.14	17	17.2	24.4	23.6	898	899	1.322	1.304	SenseBoard	SenseBoard	SenseBoard
VMG	17.02	17.22	8.277	8.961	20.4	20.06	898	899	2.134	1.848	SenseBoard	SenseBoard	SenseBoard
COG	142.2	142.7	124.6	127.1	151.7	151.5	898	899	4.565	3.713		SenseBoard	SenseBoard
TWA_Abs	39.42	38.86	28.3	28.63	61.05	58.6	898	899	5.912	4.808			
Heel_Lwd	53.28	52.89	19.8	20.9	71.7	72.6	898	899	8.442	6.836	Karl Maeder	SenseBoard	
Side_lines	118.2	12.18	53	2.8	159.5	27.2	898	899	21.52	4.176	Karl Maeder	SenseBoard	
Line_C	5.98	113.5	2.1	47.7	12.7	156.1	898	897	1.968	18.06	SenseBoard	Karl Maeder	
Total_lines	124.1	125.6	56.4	51.3	170.6	179.5	898	899	22.63	20.51	SenseBoard	SenseBoard	SenseBoard

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	1019	1023
Straight Line [m]	1014	1020

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-11.435664	15.647797	1.099129
Final Deficit	-5.882266	24.216678	10.829951
Total Gain	5.553398	8.568881	9.730822
Gain per Minute	3.715849	5.733547	6.511016

Interval 2: Downwind from 2025-06-07 13:19:39 to 2025-06-07 13:20:50: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C)
TWS	10.13	10.13	8.906	8.905	11.79	11.79	500	501	0.7297	0.7298			
TWD	184.4	184.4	179.2	179.2	194.6	194.6	500	501	4.508	4.505			
SOG	28.28	28.35	27	26.9	29.7	30	500	501	0.5955	0.7125	SenseBoard	Karl Maeder	
VMG	24	23.84	20.29	21.36	26.5	26.27	500	501	1.096	0.9504	Karl Maeder	SenseBoard	
COG	332.8	331.9	323.8	324.1	343	339.5	500	501	3.166	2.735		SenseBoard	Sei
TWA_Abs	148.4	147.6	137.8	136.4	158.8	158.1	500	501	4.612	4.465			
Heel_Lwd	49.18	46.29	32.4	26.7	65.7	66.8	500	501	6.069	5.879	Karl Maeder	SenseBoard	
Side_lines	95.51	9.875	66.6	2.9	135.8	19.9	500	501	12.3	2.909	Karl Maeder	SenseBoard	
Line_C	7.256	84.82	2.7	47.8	12.2	115	500	499	1.85	11	SenseBoard	Karl Maeder	
Total_lines	102.7	94.87	69.5	51.6	146.5	130.1	500	501	13.04	11.97	Karl Maeder	SenseBoard	

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	725.9	728.6
Straight Line [m]	724.2	727.2

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	0.856324	23.161583	11.399078
Final Deficit	3.738090	33.635112	14.428493
Total Gain	2.881766	10.473530	3.029415
Gain per Minute	3.466577	12.598977	3.644190

Interval 1: Upwind from 2025-06-09 11:52:59 to 2025-06-09 11:54:10: 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	6.716	6.716	5.106	5.106	7.595	7.594	708	709	0.6188	0.6184			
TWD	231.8	231.8	228.1	228.1	239.2	239.3	708	709	3.699	3.708			
SOG	20.41	20.39	11.3	12.3	23.9	23.7	708	709	3.991	3.591	Gian Stragiotti	Karl Maeder	Tie
VMG	14.13	13.89	3.357	5.14	18.92	18.35	708	709	3.66	3.354	Gian Stragiotti	Karl Maeder	Tie
COG	185.1	184.6	157.7	163.8	195.3	193.6	708	709	6.011	5.469		Karl Maeder	Karl Maeder
TWA_Abs	46.67	47.21	33.06	34.97	73.33	67.27	708	709	6.457	6.81			
Heel_Lwd	52.51	49.33	0.4	8.5	87.5	73.9	708	709	15.18	13.72	Gian Stragiotti	Karl Maeder	Tie
Side_lines	10.7	12.52	1	3	22.3	24.6	708	709	4.71	4.625	Karl Maeder	Karl Maeder	Karl Maeder
Line_C	108.3	103.5	26.2	37	168.9	152.8	707	709	30.71	27.31	Gian Stragiotti	Karl Maeder	Tie
Total_lines	118.8	115.6	28.9	40.5	166.7	166.7	708	709	34.19	30.68	Gian Stragiotti	Karl Maeder	Tie

Distance Summary		
	Gian Stragiotti	Karl Maeder
Distance [m]	745.8	745.1
Straight Line [m]	742.8	742.5

Gian Stragiotti gains relative to Karl Maeder			
	Forward	Lateral	VMG
Initial Deficit	7.451719	-7.997271	-0.699399
Final Deficit	7.260466	-19.206771	-8.981421
Total Gain	-0.191253	-11.209500	-8.282022
Gain per Minute	-0.162333	-9.514493	-7.029684

Interval 2: Downwind from 2025-06-09 11:55:33 to 2025-06-09 11:56:03: 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	7.155	7.131	6.511	6.513	7.946	7.915	32	31	0.4919	0.478			
TWD	235.6	235.6	235.4	235.4	235.8	235.8	32	31	0.1196	0.1176			
SOG	26.42	24.63	26.1	24.4	27.4	25.3	32	31	0.3957	0.336	Gian Stragiotti	Karl Maeder	Tie
VMG	18.32	17.41	16.73	16.38	20.12	18.47	32	31	0.7004	0.5683	Gian Stragiotti	Karl Maeder	Tie
COG	9.531	10.66	5.3	7.2	12.9	14.7	32	31	1.775	2.175		Gian Stragiotti	Gian Stragiotti
TWA_Abs	133.9	135	129.7	131.4	137.5	139.2	32	31	1.776	2.246			
Heel_Lwd	48.45	46.46	38.2	33.5	55.7	67.5	32	31	4.611	7.246	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Side_lines	9.269	11.51	2.6	7.9	13.3	17.9	32	31	2.598	2.24	Karl Maeder	Karl Maeder	Karl Maeder
Line_C	95.41	85.04	85	72.5	102	105.3	32	31	4.882	10.12	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Total_lines	104.6	96.15	88.6	84.3	113.3	117.6	32	31	6.53	11.4	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti

Distance Summary		
	Gian Stragiotti	Karl Maeder
Distance [m]	42.51	37.75
Straight Line [m]	42.49	37.72

Gian Stragiotti gains relative to Karl Maeder			
	Forward	Lateral	VMG
Initial Deficit	-22.912497	-0.212204	15.737973
Final Deficit	-27.703904	-1.188621	18.357605
Total Gain	-4.791406	-0.976418	2.619632
Gain per Minute	-92.736896	-18.898404	50.702547

Interval 1: Upwind from 2025-06-09 13:24:08 to 2025-06-09 13:25:47: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (Karl Maeder)
TWS	6.987	6.985	5.904	5.904	7.8	7.8	475	476	0.5012	0.5026			
TWD	235	235	233	233	238.4	238.4	475	476	1.731	1.729			
SOG	23.06	23.74	21.2	22.9	24	24.4	475	476	0.7248	0.3109	SenseBoard	SenseBoard	SenseBoard
VMG	13.69	14.22	10.48	11.09	16.05	17.25	475	476	1.146	1.117	SenseBoard	SenseBoard	SenseBoard
COG	181.5	181.8	173.5	172.5	188.4	189.6	475	476	2.933	3.161		Karl Maeder	Karl Maeder
TWA_Abs	53.52	53.14	46.79	44.05	63.4	62.1	475	476	3.21	3.292			
Heel_Lwd	54.3	53.49	36.9	33.4	69.2	69.1	475	476	5.325	5.536	Karl Maeder	Karl Maeder	Karl Maeder
Side_lines	13.79	122.7	5.9	56.4	26	168.2	475	476	3.537	14.53	SenseBoard	Karl Maeder	SenseBoard
Line_C	115.7	6.027	78.5	0.9	148.1	13.7	475	474	13.16	1.793	Karl Maeder	SenseBoard	SenseBoard
Total_lines	129.6	128.6	88.3	57.6	169.5	177.5	475	476	14.66	15.43	Karl Maeder	Karl Maeder	Karl Maeder

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	562.3	580.2
Straight Line [m]	561.6	579.3

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	14.466260	-6.078560	3.714353
Final Deficit	32.278185	-2.340322	17.310954
Total Gain	17.811925	3.738238	13.596602
Gain per Minute	22.547216	4.732047	17.211251

Interval 2: Downwind from 2025-06-09 13:27:28 to 2025-06-09 13:28:31: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C)
TWS	7.466	7.463	6.904	6.904	8.5	8.5	317	316	0.431	0.4294			
TWD	230.5	230.5	228.3	228.3	232.1	232.1	317	316	1.075	1.069			
SOG	27.01	27.47	25	25.7	29	28.6	317	316	0.5517	0.4845	SenseBoard	SenseBoard	Sei
VMG	21.57	21.86	19.14	18.99	24.49	24.24	317	316	0.9016	0.9779	SenseBoard	Karl Maeder	
COG	13.62	13.31	4.1	5.6	20.2	19	317	316	2.734	2.301		SenseBoard	Sei
TWA_Abs	143.1	142.8	133.3	133.7	150.7	150	317	316	3.083	2.854			
Heel_Lwd	51.15	49.9	31.7	33.7	69.8	63.8	317	316	6.211	4.78	Karl Maeder	SenseBoard	
Side_lines	14.15	106.9	5.9	83	22.1	129.3	317	316	3.12	9.814	SenseBoard	Karl Maeder	
Line_C	96.09	5.869	60.7	0	132.7	10.2	317	316	12.86	2.043	Karl Maeder	SenseBoard	
Total_lines	110.2	112.7	72.3	87.8	149	135.8	317	316	14.45	10.58	SenseBoard	SenseBoard	Sei

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	439.6	446
Straight Line [m]	439.1	445.7

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-9.963242	-18.631243	-3.212697
Final Deficit	-3.415471	-15.873144	-6.794719
Total Gain	6.547770	2.758099	-3.582021
Gain per Minute	12.439167	5.239716	-6.804967

Interval 1: Upwind from 2025-06-09 13:33:35 to 2025-06-09 13:35:28: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C)
TWS	7.268	7.268	6.104	6.104	8	8	880	880	0.4209	0.4208			
TWD	232.4	232.4	227.1	227.1	235	235	880	880	1.743	1.743			
SOG	22.31	22.46	18.7	18.9	24.2	23.6	880	880	0.9162	0.8114	SenseBoard	SenseBoard	Sei
VMG	13.67	13.91	10.5	10.82	16.4	17.28	880	880	0.944	0.9113	SenseBoard	SenseBoard	Sei
COG	180.4	180.8	168.7	170.4	193.2	191.5	880	880	4.596	4.28		SenseBoard	Sei
TWA_Abs	52.05	51.6	41.56	39.82	62.3	61.4	880	880	3.542	3.289			
Heel_Lwd	55.1	54.47	31.9	36.9	74.2	70.5	880	880	5.87	5.352	Karl Maeder	SenseBoard	
Side_lines	13.85	124.9	4.9	82.3	26.4	161.4	880	880	3.593	10.73	SenseBoard	Karl Maeder	
Line_C	115	6.478	71.8	1.2	163.5	12.1	880	875	13.75	1.691	Karl Maeder	SenseBoard	
Total_lines	128.8	131.4	80.3	83.5	182.6	162.1	880	880	15.53	11.32	SenseBoard	SenseBoard	Sei

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	1010	1016
Straight Line [m]	1007	1013

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-9.383314	9.269560	1.540091

	Forward	Lateral	VMG
Final Deficit	-2.622925	18.868121	13.266522
Total Gain	6.760390	9.598561	11.726432
Gain per Minute	4.614600	6.551918	8.004390

Interval 2: Downwind from 2025-06-09 13:37:16 to 2025-06-09 13:38:03: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (Overall)
TWS	7.325	7.325	7.204	7.204	7.493	7.495	39	39	0.08959	0.08966			
TWD	226.9	226.9	226.7	226.7	227.2	227.2	39	39	0.1434	0.1434			
SOG	24.92	24.04	24.1	23.4	25.2	24.7	39	39	0.1679	0.3603	Karl Maeder	Karl Maeder	Ka
VMG	20.54	21.12	19.2	20.07	21.58	21.82	39	39	0.5493	0.4236	SenseBoard	SenseBoard	Sei
COG	12.5	18.53	6.9	12.5	17.4	23.5	39	39	2.225	2.849		Karl Maeder	Ka
TWA_Abs	145.6	151.6	140.2	145.7	150.5	156.5	39	39	2.185	2.765			
Heel_Lwd	46.65	34.98	36.2	24.3	58.9	49.1	39	39	5.228	6.171	Karl Maeder	Karl Maeder	Ka
Side_lines	13.59	64.68	9.6	50.2	18.7	82.8	39	39	2.213	11.09	SenseBoard	Karl Maeder	
Line_C	88.03	2.73	61	0	112.9	5.4	39	39	14.24	1.626	Karl Maeder	SenseBoard	
Total_lines	102.6	67.25	73.1	50.6	129.1	88.1	39	39	16.1	11.98	Karl Maeder	SenseBoard	

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	48.54	46.42
Straight Line [m]	48.51	46.36

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	23.275093	30.289551	-2.085088
Final Deficit	20.856572	25.304485	-2.906924
Total Gain	-2.418521	-4.985065	-0.821836
Gain per Minute	-38.358772	-79.065270	-13.034669

Interval 1: Upwind from 2025-06-09 11:59:45 to 2025-06-09 12:00:54: 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	8.565	8.565	7.804	7.804	9.4	9.4	543	543	0.4197	0.4196			
TWD	239.4	239.4	238.1	238.1	240.9	240.9	543	543	0.6971	0.6971			
SOG	22.86	22.13	10	10.7	24.6	24.1	543	543	2.99	2.66	Gian Stragiotti	Karl Maeder	Tie
VMG	14.64	13.98	4.208	5.269	17.48	16.84	543	543	2.455	2.07	Gian Stragiotti	Karl Maeder	Tie
COG	189	188.5	169.6	177.3	197	200.1	543	543	3.324	2.858		Karl Maeder	Karl Maeder
TWA_Abs	50.39	50.91	43.24	39.58	70.16	62.7	543	543	3.321	2.857			
Heel_Lwd	57.77	54.8	16.8	11.8	76	72.3	543	543	6.909	6.544	Gian Stragiotti	Karl Maeder	Tie
Side_lines	13.12	13.85	5.2	4.8	24.3	26.1	543	543	3.718	3.35	Karl Maeder	Karl Maeder	Karl Maeder
Line_C	118.5	115.2	46.2	41.3	145.8	147.7	542	543	14.9	15.64	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Total_lines	132	129.1	51.4	46.1	165.6	166.3	543	543	16.94	17.52	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti

Distance Summary		
	Gian Stragiotti	Karl Maeder
Distance [m]	641.6	620.7
Straight Line [m]	640.7	620

Gian Stragiotti gains relative to Karl Maeder			
	Forward	Lateral	VMG
Initial Deficit	-8.621793	6.986450	-0.114820
Final Deficit	-29.340970	-0.029032	-18.729557
Total Gain	-20.719177	-7.015482	-18.614737
Gain per Minute	-22.931704	-7.764641	-20.602539

Interval 2: Downwind from 2025-06-09 12:02:31 to 2025-06-09 12:03:04: 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	5.954	5.954	5.694	5.692	6.379	6.383	41	41	0.2	0.2			
TWD	238.6	238.6	237.3	237.3	240.1	240.2	41	41	0.8751	0.8755			
SOG	25.48	24.9	24.8	24.5	26.1	25.3	41	41	0.336	0.2179	Gian Stragiotti	Karl Maeder	Tie
VMG	18.44	16.98	17.38	15.77	19.48	18.1	41	41	0.4977	0.646	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
COG	15.02	11.66	12.3	7.5	18.9	16.7	41	41	1.746	2.376		Gian Stragiotti	Gian Stragiotti
TWA_Abs	136.4	133	133.2	129.3	139.6	136.7	41	41	1.505	2.016			
Heel_Lwd	49.91	46.1	38.2	36.6	62.4	55.2	41	41	4.476	4.846	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Side_lines	11.2	12.46	7.5	7.2	15.2	17.4	41	41	2.141	2.5	Karl Maeder	Gian Stragiotti	Tie
Line_C	92.34	86.72	87.2	77.6	107.3	102.5	41	41	4.59	7.065	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
Total_lines	102.8	99.21	97.3	87.1	112.4	116.8	41	41	4.028	7.561	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti

Distance Summary		
	Gian Stragiotti	Karl Maeder
Distance [m]	52.82	51.3
Straight Line [m]	52.8	51.26

Gian Stragiotti gains relative to Karl Maeder			
	Forward	Lateral	VMG
Initial Deficit	-12.823736	29.929459	29.927497
Final Deficit	-14.473800	33.072867	33.290269
Total Gain	-1.650065	3.143409	3.362772
Gain per Minute	-24.831675	47.304869	50.606055

Interval 1: Upwind from 2025-06-09 12:28:01 to 2025-06-09 12:29:49: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	
TWS	8.611	8.611	7.114	7.116	9.7	9.7	499	499	0.6306	0.6305			
TWD	241.6	241.6	240.4	240.4	243.4	243.4	499	499	0.8929	0.8929			
SOG	23.78	24.58	22.9	23.8	24.7	25.4	499	499	0.3339	0.3133	SenseBoard	SenseBoard	SenseBoard
VMG	15.08	15.72	11.43	13.36	17.67	17.86	499	499	1.089	0.7491	SenseBoard	SenseBoard	SenseBoard
COG	191	191.4	179.7	184.2	198.4	199	499	499	3.236	2.598		SenseBoard	SenseBoard
TWA_Abs	50.55	50.21	43.11	44.35	61.17	56.27	499	499	3.274	2.299			
Heel_Lwd	54.81	56.83	39.1	43.3	70.6	72	499	499	4.978	4.766	SenseBoard	SenseBoard	SenseBoard
Side_lines	14.2	126.4	4.9	92	27.3	157.2	499	499	3.713	11.25	SenseBoard	Karl Maeder	
Line_C	120.4	6.324	80.7	1.7	155.1	11.6	499	497	12.48	1.73	Karl Maeder	SenseBoard	
Total_lines	134.9	132.7	104	94.1	174.1	166.6	499	499	14.18	11.73	Karl Maeder	SenseBoard	

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	609.9	629.9
Straight Line [m]	608.9	629.3

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	12.789461	-15.164948	-3.583231
Final Deficit	33.175095	-11.754462	12.003642
Total Gain	20.385633	3.410485	15.586873
Gain per Minute	24.558045	4.108523	18.777103

Interval 2: Downwind from 2025-06-09 12:30:48 to 2025-06-09 12:32:03: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (O
TWS	7.821	7.821	6.8	6.8	8.795	8.796	635	635	0.6537	0.6537			
TWD	245.1	245.1	242.2	242.2	247.1	247.1	635	635	1.401	1.401			
SOG	27.56	28.22	26.1	27.2	29.8	29.5	635	635	0.8358	0.5275	SenseBoard	SenseBoard	Sei
VMG	19.47	20.02	14.59	16.61	22.76	23.07	635	635	1.458	1.394	SenseBoard	SenseBoard	Sei
COG	20.11	20.39	9.2	11.9	27.3	29.4	635	635	3.146	3.139		SenseBoard	Sei
TWA_Abs	135	135.3	123.4	126.2	142	143.9	635	635	3.489	3.612			
Heel_Lwd	50.2	52.21	33.6	21.9	68.3	66.4	635	635	6.025	5.759	SenseBoard	SenseBoard	Sei
Side_lines	14.25	106.6	6.4	53.95	23.6	129.2	635	635	2.861	10.05	SenseBoard	Karl Maeder	
Line_C	100.1	6.052	71.3	0.2	134.2	15.7	635	631	11.79	2.327	Karl Maeder	SenseBoard	
Total_lines	114.5	112.8	81.6	55.8	154.9	140.1	635	635	13.32	11.26	Karl Maeder	SenseBoard	

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	898.7	918.8
Straight Line [m]	897.3	917.4

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-11.151024	-14.907580	-2.649660
Final Deficit	8.937003	-19.816061	-20.328719
Total Gain	20.088027	-4.908481	-17.679059
Gain per Minute	19.016750	-4.646716	-16.736250

Interval 1: Upwind from 2025-06-09 12:37:03 to 2025-06-09 12:39:02: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Wi (O
TWS	7.815	7.815	6.408	6.408	8.796	8.796	628	628	0.6258	0.6259			
TWD	241.8	241.8	240.3	240.3	242.9	242.9	628	628	0.7782	0.7782			
SOG	22.68	22.73	21.2	20	25.6	24.5	628	628	0.4957	0.9905	SenseBoard	Karl Maeder	
VMG	14.98	15.12	12.03	12.53	17.78	18.01	628	628	0.9257	0.9274	SenseBoard	Karl Maeder	
COG	193.2	193.6	184.1	182.7	201.5	205	628	628	2.781	3.433		Karl Maeder	Ma
TWA_Abs	48.59	48.17	40.1	36.5	58.3	58.2	628	628	2.914	3.205			
Heel_Lwd	53.1	54.49	37	28.3	71.4	73	628	628	5.526	6.922	SenseBoard	Karl Maeder	
Side_lines	13.2	118.5	4.4	49.6	25.8	179.1	628	628	3.231	17.59	SenseBoard	Karl Maeder	
Line_C	113.4	5.129	55.2	0.3	154.2	15.3	628	625	14.05	2.102	Karl Maeder	SenseBoard	
Total_lines	126.6	123.8	60.4	53	172.7	186.6	628	628	15.57	18.12	Karl Maeder	Karl Maeder	Ma

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	731.5	731.1
Straight Line [m]	730.6	729.8

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG

	Forward	Lateral	VMG
Initial Deficit	-12.292211	10.566740	-0.205260
Final Deficit	-13.161510	16.311018	3.528022
Total Gain	-0.869299	5.744278	3.733281
Gain per Minute	-0.831852	5.496829	3.572461

Interval 1: Upwind from 2025-06-09 12:45:22 to 2025-06-09 12:47:09: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C
TWS	7.549	7.549	6.504	6.504	8.4	8.4	691	691	0.6337	0.6337			
TWD	240.1	240.1	239.2	239.2	243	243	691	691	0.6126	0.6122			
SOG	23.1	23.7	21.7	22.6	24.4	24.8	691	691	0.4898	0.5171	SenseBoard	Karl Maeder	
VMG	15.31	15.86	11.71	12.91	17.27	18.13	691	691	1.024	0.9587	SenseBoard	SenseBoard	Sei
COG	191.7	192.2	181.3	182.9	199.6	200.1	691	691	3.181	3.464		Karl Maeder	Ka
TWA_Abs	48.4	47.87	40.77	40.53	58.79	57.09	691	691	3.153	3.395			
Heel_Lwd	55.42	56.46	42.9	33.5	71.2	72.5	691	691	4.905	4.96	SenseBoard	Karl Maeder	
Side_lines	14.7	123.2	5.8	89.8	25.8	144.5	691	691	3.479	9.924	SenseBoard	Karl Maeder	
Line_C	123.2	4.252	90.3	0.3	157.7	8.9	691	687	12.05	1.575	Karl Maeder	SenseBoard	
Total_lines	138	126.9	101.5	91.9	178.7	152.6	691	691	12.95	10.28	Karl Maeder	SenseBoard	

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	820.4	842.2
Straight Line [m]	819.1	840.7

	Forward	Lateral	VMG
Initial Deficit	12.796111	-8.745353	1.957337
Final Deficit	34.317573	-1.884736	21.377422
Total Gain	21.521462	6.860617	19.420085
Gain per Minute	18.714315	5.965754	16.887031

Interval 2: Downwind from 2025-06-09 12:48:29 to 2025-06-09 12:49:34: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	W (O
TWS	5.846	5.846	5.2	5.2	6.396	6.396	350	350	0.4085	0.4086			
TWD	241.4	241.4	239.3	239.3	243.5	243.5	350	350	1.403	1.403			
SOG	26.36	26.55	25.1	23.7	27.2	28	350	350	0.4017	0.6114	SenseBoard	Karl Maeder	
VMG	19.91	20.41	16.18	16.9	22.46	22.56	350	350	0.9659	1.034	SenseBoard	Karl Maeder	
COG	20.47	21.81	9.7	11	28.2	38.1	350	350	3.686	4.809		Karl Maeder	f Me
TWA_Abs	139.1	140.4	130.1	131.2	146	154.6	350	350	2.689	3.821			
Heel_Lwd	48.66	49.96	33.3	9.4	71.7	67.4	350	350	6.158	8.873	SenseBoard	Karl Maeder	
Side_lines	13.57	101.4	6.3	30.27	25.4	132	350	350	3.14	18.69	SenseBoard	Karl Maeder	
Line_C	94.59	5.059	56.8	0.2	133.3	10	350	350	13.14	2.086	Karl Maeder	SenseBoard	
Total_lines	107.3	106.2	64.6	31.36	153.6	138.7	350	350	14.19	19.73	Karl Maeder	Karl Maeder	f Me

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	472.8	474.9
Straight Line [m]	471.8	473.3

	Forward	Lateral	VMG
Initial Deficit	7.947922	-20.880105	-19.680551

	Forward	Lateral	VMG
Final Deficit	9.290955	-31.099902	-27.388319
Total Gain	1.343033	-10.219797	-7.707768
Gain per Minute	2.309535	-17.574384	-13.254595

Interval 1: Upwind from 2025-06-09 12:53:50 to 2025-06-09 12:55:22: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C)
TWS	7.223	7.223	6.604	6.604	7.8	7.8	821	821	0.2623	0.2623			
TWD	244.1	244.1	242.4	242.4	245.6	245.6	821	821	0.9238	0.9238			
SOG	22.52	22.65	20.1	20.3	25.3	26	821	821	0.5443	0.493	SenseBoard	SenseBoard	Sei
VMG	14.73	15.18	11.93	12.15	17.65	18.66	821	821	0.7837	0.8977	SenseBoard	Karl Maeder	
COG	195	196.2	187.2	186.2	207.8	205.9	821	821	2.601	2.976		Karl Maeder	Ka
TWA_Abs	49.1	47.84	37.67	36.8	56.67	58.1	821	821	2.552	3.069			
Heel_Lwd	54.72	54.82	32.2	38.6	71.4	69.2	821	821	4.91	5.131	SenseBoard	Karl Maeder	
Side_lines	13.88	119.2	3.6	77.7	25.6	149.7	821	821	3.457	11.44	SenseBoard	Karl Maeder	
Line_C	117.8	4.501	70	0.5	158.3	9	821	819	12.62	1.548	Karl Maeder	SenseBoard	
Total_lines	131.7	123.8	75.7	78.8	180.9	156.8	821	821	14.17	12.17	Karl Maeder	SenseBoard	

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	951.5	956.2
Straight Line [m]	950.5	954.9

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-5.405623	14.551463	7.459265
Final Deficit	-1.187195	34.492431	25.293527
Total Gain	4.218428	19.940968	17.834262
Gain per Minute	3.086693	14.591130	13.049619

Interval 2: Downwind from 2025-06-09 12:56:26 to 2025-06-09 12:57:15: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C)
TWS	8.535	8.535	8.404	8.404	8.696	8.696	158	158	0.08399	0.084			
TWD	244.9	244.9	243.5	243.5	245.8	245.8	158	158	0.6984	0.6985			
SOG	27.4	27.47	25.2	26.4	28.2	28.6	158	158	0.4673	0.5132	SenseBoard	Karl Maeder	
VMG	21.97	22.1	18.59	20.3	23.94	23.92	158	158	0.931	0.7433	SenseBoard	SenseBoard	Sei
COG	28.33	28.5	21.6	22.6	36.9	35.2	158	158	3.519	2.495		SenseBoard	Sei
TWA_Abs	143.5	143.6	137.5	138.6	151.2	150.5	158	158	3.286	2.41			
Heel_Lwd	48.26	49.83	31.6	38.6	60.5	62.6	158	158	5.901	5.338	SenseBoard	SenseBoard	Sei
Side_lines	13.67	101.4	4.9	57.5	23.2	125.3	158	158	3.465	12.92	SenseBoard	Karl Maeder	
Line_C	92.07	5.537	62.2	0.4	130.1	10	158	157	15.39	1.949	Karl Maeder	SenseBoard	
Total_lines	105.7	106.4	73.1	62.7	145.9	128.8	158	158	17.84	13.65	SenseBoard	SenseBoard	Sei

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	221.3	222.2
Straight Line [m]	220.9	222

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-7.776116	27.866388	22.841116
Final Deficit	-6.679356	27.567897	21.782269
Total Gain	1.096760	-0.298491	-1.058847

	Forward	Lateral	VMG
Gain per Minute	4.190372	-1.140441	-4.045518

Interval 1: Upwind from 2025-06-09 13:04:53 to 2025-06-09 13:06:36: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (O
TWS	7.674	7.674	5.907	5.908	9.2	9.2	967	967	0.9284	0.9284			
TWD	246.7	246.7	244	244	249.9	249.9	967	967	1.464	1.464			
SOG	21.5	22.34	9.8	10.9	27.6	26.7	967	967	3.561	3.814	SenseBoard	Karl Maeder	
VMG	11.74	12.26	5.361	5.206	18.23	17.3	967	967	2.443	2.684	SenseBoard	Karl Maeder	
COG	190.2	190.4	174.2	174.5	217	205.3	967	967	4.857	5.182		Karl Maeder	Ka
TWA_Abs	56.56	56.29	28.4	40.5	73.73	73.98	967	967	5.451	5.851			
Heel_Lwd	52.87	51.55	7.1	9.5	77.7	79.9	967	967	11.32	10.37	Karl Maeder	SenseBoard	
Side_lines	12.92	119.9	2.9	42.2	26.1	159	967	967	4.29	24.22	SenseBoard	Karl Maeder	
Line_C	110.7	5.947	41.8	0	152.9	11.5	967	955	23.56	2.227	Karl Maeder	SenseBoard	
Total_lines	123.6	125.9	46	43.4	171.6	162.1	967	967	26.04	25.48	SenseBoard	SenseBoard	Sei

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	1073	1114
Straight Line [m]	1069	1110

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	6.706774	-12.358019	-6.615976
Final Deficit	46.969697	-6.931631	20.100756
Total Gain	40.262924	5.426388	26.716731
Gain per Minute	25.006733	3.370253	16.593384

Interval 2: Downwind from 2025-06-09 13:08:09 to 2025-06-09 13:09:14: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Wi (O
TWS	7.544	7.544	7.1	7.1	7.9	7.9	144	144	0.2384	0.2384			
TWD	230.9	230.9	228.4	228.4	234.3	234.3	144	144	1.977	1.977			
SOG	26.81	27.04	25.8	24.5	27.9	29.3	144	144	0.5135	0.7343	SenseBoard	Karl Maeder	
VMG	22.58	23.38	20.61	21.3	24.91	26.2	144	144	1.129	1.131	SenseBoard	Karl Maeder	
COG	18.43	20.93	13.1	14.1	24.2	27.7	144	144	2.411	2.91		Karl Maeder	Ka Me
TWA_Abs	147.5	150	139.7	142.4	155.7	159.2	144	144	3.535	3.744			
Heel_Lwd	47.23	41.68	32.3	15.3	64.2	61.1	144	144	6.344	9.722	Karl Maeder	Karl Maeder	Ka Me
Side_lines	12.67	87.97	5.7	32.1	21.5	127.4	144	144	2.86	21.63	SenseBoard	Karl Maeder	
Line_C	89.19	4.379	67.7	0	125.3	8.2	144	143	12.03	2.134	Karl Maeder	SenseBoard	
Total_lines	102.2	91.77	75.58	32.2	143.1	126.4	144	144	13.7	23.11	Karl Maeder	Karl Maeder	Ka Me

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	197.1	197.5
Straight Line [m]	197	197.3

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	24.211923	-14.763124	-28.352541
Final Deficit	24.345140	-23.118591	-32.951868
Total Gain	0.133217	-8.355468	-4.599327

	Forward	Lateral	VMG
Gain per Minute	0.559384	-35.084895	-19.312732

Interval 1: Upwind from 2025-06-09 13:15:01 to 2025-06-09 13:16:55: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C)
TWS	7.954	7.954	6.906	6.905	8.497	8.496	558	558	0.4494	0.4494			
TWD	229.8	229.8	227.8	227.8	232.5	232.5	558	558	1.418	1.418			
SOG	22.38	23	20.5	21.3	24.2	25	558	558	0.5865	0.6786	SenseBoard	Karl Maeder	
VMG	16.08	16.81	12.43	13.15	19.05	19.71	558	558	1.129	0.981	SenseBoard	SenseBoard	Sei
COG	185.9	186.9	177.8	178.7	194.3	194.6	558	558	3.167	2.575		SenseBoard	Sei
TWA_Abs	43.92	42.97	34.72	34.87	54.3	53.28	558	558	3.992	2.876			
Heel_Lwd	55.2	54.81	33.4	27.4	74.8	69.4	558	558	6.138	6.027	Karl Maeder	SenseBoard	
Side_lines	13.19	127.5	5	63.2	26.1	159.1	558	558	3.85	14.51	SenseBoard	Karl Maeder	
Line_C	114.5	6.189	66.6	0.2	155.2	11.5	558	558	15.44	1.925	Karl Maeder	SenseBoard	
Total_lines	127.5	133.2	71.7	63.9	170.9	167.7	558	558	17.71	15.33	SenseBoard	SenseBoard	Sei

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	640.1	660.1
Straight Line [m]	639.1	659.4

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-5.552388	8.612607	1.974902
Final Deficit	14.730620	19.965581	24.459862
Total Gain	20.283008	11.352974	22.484960
Gain per Minute	21.842568	12.225904	24.213828

Interval 2: Downwind from 2025-06-09 13:18:34 to 2025-06-09 13:19:43: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C)
TWS	6.903	6.903	6.4	6.4	7.796	7.796	435	435	0.3537	0.3536			
TWD	236.2	236.2	234.5	234.5	238.7	238.7	435	435	1.405	1.404			
SOG	25.55	26.26	23.2	23.7	27.7	27.7	435	435	0.939	0.9403	SenseBoard	Karl Maeder	
VMG	19.05	19.89	13.88	14.64	22.63	23.2	435	435	1.834	1.679	SenseBoard	SenseBoard	Sei
COG	14.5	15.49	2.4	5.5	24.4	21.9	435	435	3.375	3.039		SenseBoard	Sei
TWA_Abs	138.3	139.3	123.9	127.2	149	146.9	435	435	4.356	3.928			
Heel_Lwd	46.73	45.81	18.9	21.9	65.6	63.3	435	435	6.934	6.935	Karl Maeder	Karl Maeder	Ka
Side_lines	12.77	96.71	2.4	43	20.1	129	435	435	2.699	15.14	SenseBoard	Karl Maeder	
Line_C	86.8	5.258	36.9	0	118.9	11.3	435	434	12.77	1.721	Karl Maeder	SenseBoard	
Total_lines	99.47	102.2	42.2	43	138.6	137.9	435	435	14.13	16.2	SenseBoard	Karl Maeder	

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	570	585.1
Straight Line [m]	569	584.3

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	14.709644	34.219963	11.777657
Final Deficit	29.905988	24.322645	-6.152796
Total Gain	15.196344	-9.897317	-17.930453
Gain per Minute	21.010707	-13.684188	-24.790929

Interval 1: Upwind from 2025-06-10 12:27:59 to 2025-06-10 12:29:50: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	5.932	5.932	5.3	5.3	6.895	6.895	1101	1101	0.3871	0.3871		
TWD	217.7	217.7	215.8	215.8	219.9	219.9	1101	1101	0.9885	0.9885		
SOG	20.36	20.03	9.9	8.8	24.3	23.1	1101	1101	3.149	3.312	Gian Stragiotti	Gian Stragiotti
VMG	12.49	12.17	2.439	3.82	15.44	15.34	1101	1101	2.135	1.971	Gian Stragiotti	SenseBoard
COG	165.5	165.4	138.8	150.2	174.9	183.9	1101	1101	3.245	3.41		Gian Stragiotti
TWA_Abs	52.2	52.3	41.63	33.07	78.17	66.73	1101	1101	3.054	3.638		
Heel_Lwd	57.22	52.51	8.2	4.7	78.4	73.9	1101	1101	11.75	11.41	Gian Stragiotti	SenseBoard
Side_lines	16.27	nan	3.5	nan	28.9	nan	1101	nan	4.775	nan		
Line_C	123.1	101.1	41.6	35.4	175.3	139.3	1101	1096	24.33	21.12	Gian Stragiotti	SenseBoard
Total_lines	139.4	nan	45.3	nan	199	nan	1101	nan	28.04	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	1157	1137
Straight Line [m]	1156	1135

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	14.499983	-13.111834	-1.472515
Final Deficit	-6.183883	-19.161993	-18.930835
Total Gain	-20.683866	-6.050158	-17.458320
Gain per Minute	-11.281596	-3.299936	-9.522287

Interval 2: Downwind from 2025-06-10 12:31:00 to 2025-06-10 12:32:18: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	5.57	5.571	5.4	5.4	5.7	5.7	185	186	0.1013	0.1014		
TWD	217.8	217.8	216.9	216.9	218.8	218.8	185	186	0.6523	0.6539		
SOG	25.88	25.42	24.8	25	26.6	26	185	186	0.4598	0.2277	Gian Stragiotti	SenseBoard
VMG	15.05	14.9	12.31	11.8	17.8	18.02	185	186	1.404	1.173	Gian Stragiotti	SenseBoard
COG	343.5	343.7	336.3	336.7	351.6	353	185	186	3.744	2.932		SenseBoard
TWA_Abs	125.7	126	118	117.9	134.5	135.9	185	186	4.283	3.342		
Heel_Lwd	54.95	52.68	42.5	39.6	66	72.7	185	186	4.527	6.17	Gian Stragiotti	Gian Stragiotti
Side_lines	16.5	nan	7.6	nan	23.9	nan	185	nan	3.257	nan		
Line_C	111.7	93.36	80.8	77	134.8	124.8	185	186	10.24	9.944	Gian Stragiotti	SenseBoard
Total_lines	128.2	nan	92.9	nan	152.9	nan	185	nan	11.98	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	244.5	241.8
Straight Line [m]	244	241.5

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-33.499600	-42.860024	-15.238617
Final Deficit	-36.018189	-44.150936	-14.816231
Total Gain	-2.518589	-1.290912	0.422386

	Forward	Lateral	VMG
Gain per Minute	-8.213682	-4.209952	1.377494

Interval 1: Upwind from 2025-06-10 13:48:50 to 2025-06-10 13:50:19: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Winn (Over
TWS	8.165	8.164	7.5	7.5	9.194	9.196	796	795	0.4634	0.4629			
TWD	215.4	215.4	213.6	213.6	217.8	217.8	796	795	1.049	1.049			
SOG	22.93	23.02	19.5	18.3	25	24.2	796	795	0.6365	0.8686	SenseBoard	Karl Maeder	Tie
VMG	14.25	14.34	11.38	8.207	16.9	17.41	796	795	0.8764	1.519	SenseBoard	Karl Maeder	Tie
COG	163.9	164	154.9	148.5	172.4	172.2	796	795	2.591	3.71		Karl Maeder	Karl Maed
TWA_Abs	51.52	51.4	42.7	42.47	60.2	68.84	796	795	2.717	3.945			
Heel_Lwd	58.63	53.21	32.5	18.6	74.4	69.7	796	795	5.625	8.167	Karl Maeder	Karl Maeder	Karl Maed
Side_lines	12.6	14.49	3.8	2.5	26.8	32.1	796	795	3.915	4.451	SenseBoard	Karl Maeder	Tie
Line_C	112.2	122.4	52.8	29.1	154.7	173.8	794	795	15.54	21.46	SenseBoard	Karl Maeder	Tie
Total_lines	124.7	136.8	56.6	32.4	173.6	194.5	796	795	17.64	24.33	SenseBoard	Karl Maeder	Tie

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	936.9	937.9
Straight Line [m]	936	936

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	13.614205	-9.475230	1.053749
Final Deficit	13.627225	-7.959195	2.248648
Total Gain	0.013020	1.516035	1.194899
Gain per Minute	0.009828	1.144422	0.902004

Interval 2: Downwind from 2025-06-10 13:51:38 to 2025-06-10 13:52:04: Karl Maeder vs SenseBoard

Run Statistics													
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C
TWS	9.424	9.427	9.3	9.3	9.575	9.586	48	49	0.09246	0.09439			
TWD	208.1	208.1	207.6	207.6	208.3	208.3	48	49	0.2142	0.228			
SOG	28.81	28.41	28.2	27.8	29.2	29	48	49	0.2624	0.3526	Karl Maeder	Karl Maeder	Ka
VMG	23.86	22.84	22.9	21.16	24.72	23.93	48	49	0.3702	0.7042	Karl Maeder	Karl Maeder	Ka
COG	354.1	351.7	350.7	347.4	357	355.1	48	49	1.455	1.88		Karl Maeder	Ka
TWA_Abs	146	143.6	142.4	139.1	148.8	147.1	48	49	1.491	1.991			
Heel_Lwd	53.07	53.02	44	40	62.8	67.1	48	49	4.874	5.7	Karl Maeder	Karl Maeder	Ka
Side_lines	11.85	16.68	6.4	9.1	18.9	22.3	48	49	2.489	2.853	SenseBoard	Karl Maeder	
Line_C	91.22	101.2	73.2	85.4	113.4	124.3	47	49	10.43	9.142	SenseBoard	SenseBoard	Sei
Total_lines	102.6	117.3	83.7	101.9	119.9	135.5	48	49	10.43	9.341	SenseBoard	SenseBoard	Sei

Distance Summary		
	Karl Maeder	SenseBoard
Distance [m]	69.58	70.49
Straight Line [m]	69.56	70.45

Karl Maeder gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-5.180038	-17.120777	-5.289817

	Forward	Lateral	VMG
Final Deficit	-4.349756	-14.171948	-4.327410
Total Gain	0.830282	2.948829	0.962408
Gain per Minute	10.653741	37.837839	12.349115

Interval 1: Upwind from 2025-06-10 12:36:01 to 2025-06-10 12:37:43: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	6.191	6.191	5.7	5.7	6.7	6.7	434	434	0.2756	0.2756		
TWD	211.7	211.7	211.2	211.2	212.5	212.5	434	434	0.3152	0.3152		
SOG	22.77	21.8	20.3	20.2	24.6	23.4	434	434	0.7684	0.6516	Gian Stragiotti	SenseBoard
VMG	12.82	12.71	4.652	5.367	16.18	16.19	434	434	2.464	2.092	Gian Stragiotti	SenseBoard
COG	156.6	157.8	132.8	135.3	170.3	169.9	434	434	8.11	7.012		SenseBoard
TWA_Abs	55.17	53.95	42.08	42.6	78.83	76.33	434	434	8.03	6.904		
Heel_Lwd	56.28	54.9	32.5	35.3	73.3	71	434	434	6.955	6.168	Gian Stragiotti	SenseBoard
Side_lines	15.06	nan	4.7	nan	25.4	nan	434	nan	4.048	nan		
Line_C	118.6	106.5	76	60.5	151.5	144.4	434	428	15.15	12.77	Gian Stragiotti	SenseBoard
Total_lines	133.8	nan	86.2	nan	169.7	nan	434	nan	17.57	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	508.3	485.6
Straight Line [m]	503.1	481.9

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-15.973419	6.098047	-4.124326
Final Deficit	-37.278148	17.054827	-7.308231
Total Gain	-21.304729	10.956780	-3.183905
Gain per Minute	-29.526338	15.185060	-4.412591

Interval 2: Downwind from 2025-06-10 12:39:11 to 2025-06-10 12:40:27: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	6.471	6.471	6.2	6.2	6.9	6.9	276	276	0.1957	0.1957		
TWD	215.2	215.2	214.6	214.6	215.5	215.5	276	276	0.227	0.227		
SOG	25.3	24.44	23.4	23.6	26.3	25.3	276	276	0.5905	0.3597	Gian Stragiotti	SenseBoard
VMG	16.64	15.66	14.75	12.92	18.75	17.65	276	276	0.7869	0.9458	Gian Stragiotti	Gian Stragiotti
COG	346.3	345.1	342.1	336.8	351.5	352.6	276	276	2.029	2.835		Gian Stragiotti
TWA_Abs	131.1	129.9	127	121.8	136	137.2	276	276	1.946	2.741		
Heel_Lwd	55.38	51.51	43	35.6	69.7	70.1	276	276	4.141	6.052	Gian Stragiotti	Gian Stragiotti
Side_lines	16.77	nan	8.4	nan	24.7	nan	276	nan	2.907	nan		
Line_C	108.5	91.34	87.3	65.5	127.7	128.1	276	275	7.864	11.17	Gian Stragiotti	Gian Stragiotti
Total_lines	125.3	nan	97.8	nan	149	nan	276	nan	9.32	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	358.3	346
Straight Line [m]	358.1	345.6

Gian Stragiotti gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-7.499289	12.313998	14.207365
Final Deficit	-20.139156	19.931331	28.260071
Total Gain	-12.639866	7.617333	14.052706
Gain per Minute	-27.584912	16.623866	30.668255

Interval 1: Upwind from 2025-06-10 12:43:36 to 2025-06-10 12:45:21: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	6.216	6.216	5.4	5.4	7	7	817	817	0.4603	0.4603		
TWD	214.2	214.2	209.2	209.2	217.6	217.6	817	817	2.604	2.604		
SOG	22.03	22	20	20.3	25.1	23.3	817	817	0.7364	0.5722	Gian Stragiotti	SenseBoard
VMG	14.18	13.94	11	10.87	17.24	16.69	817	817	1.219	1.068	Gian Stragiotti	SenseBoard
COG	164.4	163.6	157.6	154	172.9	172.2	817	817	2.735	2.802		Gian Stragiotti
TWA_Abs	49.84	50.63	41.37	40.96	58.5	60.25	817	817	3.648	3.109		
Heel_Lwd	59.49	56.16	46.1	26.2	73.1	70.9	817	817	4.51	5.871	Gian Stragiotti	Gian Stragiotti
Side_lines	16.63	nan	7.1	nan	27.7	nan	817	nan	3.424	nan		
Line_C	129.2	111.1	91.6	50.8	158.6	145.6	817	816	9.802	13.64	Gian Stragiotti	Gian Stragiotti
Total_lines	145.8	nan	107	nan	177.7	nan	817	nan	11.51	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	925.1	923.1
Straight Line [m]	924.1	921.9

Gian Stragiotti gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	2.793593	-14.150545	-9.012579
Final Deficit	0.523707	-26.681314	-20.052928
Total Gain	-2.269886	-12.530769	-11.040349
Gain per Minute	-1.669361	-9.215608	-8.119496

Interval 2: Downwind from 2025-06-10 12:46:53 to 2025-06-10 12:48:02: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	6.958	6.957	6.1	6.1	7.8	7.8	629	630	0.421	0.4213		
TWD	214	214	211.3	211.3	215.6	215.6	629	630	1.165	1.166		
SOG	27.63	26.57	26.6	24.8	28.8	28.1	629	630	0.4902	0.7063	Gian Stragiotti	Gian Stragiotti
VMG	19.03	17.77	16.05	13.6	21.34	20.83	629	630	1.052	1.179	Gian Stragiotti	Gian Stragiotti
COG	347.6	346	340.5	337.2	354.8	352.4	629	630	2.841	2.677		SenseBoard
TWA_Abs	133.6	132	125.7	122.1	140.7	141	629	630	3.093	3.027		
Heel_Lwd	54.33	51.52	40.6	29.4	66.3	69.8	629	630	4.036	6.306	Gian Stragiotti	Gian Stragiotti
Side_lines	15.85	nan	6.9	nan	25.5	nan	629	nan	3.216	nan		
Line_C	110	90.47	88.4	50.7	136.2	128.2	629	630	8.705	12.58	Gian Stragiotti	Gian Stragiotti
Total_lines	125.7	nan	99.1	nan	154.6	nan	629	nan	10.15	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	893	860

	Gian Stragiotti	SenseBoard
Straight Line [m]	891.9	859.1

Gian Stragiotti gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-5.421982	-28.962643	-17.218311
Final Deficit	-38.671980	-5.438311	22.752614
Total Gain	-33.249998	23.524331	39.970925
Gain per Minute	-31.770550	22.477623	38.192431

Interval 1: Upwind from 2025-06-10 12:52:19 to 2025-06-10 12:53:48: Gian Stragiotti vs SenseBoard

Run Statistics

	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	5.912	5.912	5.2	5.2	6.496	6.495	482	482	0.3637	0.3637		
TWD	210.3	210.3	208.4	208.4	213.3	213.3	482	482	1.484	1.484		
SOG	23.92	23.38	21.7	22.6	24.6	24.3	482	482	0.257	0.3771	Gian Stragiotti	Gian Stragiotti
VMG	12.76	12.69	9.828	9.223	14.81	15.4	482	482	1.057	1.093	Gian Stragiotti	Gian Stragiotti
COG	152.6	153.3	147.2	145.5	157.6	161.5	482	482	1.913	2.713		Gian Stragiotti
TWA_Abs	57.72	57.01	51.9	48.19	65.5	67.5	482	482	2.994	3.563		
Heel_Lwd	59.51	58.52	43.4	41	72.6	69.8	482	482	4.725	4.485	Gian Stragiotti	SenseBoard
Side_lines	16.35	nan	9.2	nan	28.3	nan	482	nan	3.467	nan		
Line_C	130	118.2	101.9	84.5	160	144	482	480	10.67	9.805	Gian Stragiotti	SenseBoard
Total_lines	146.2	nan	112.3	nan	177.2	nan	482	nan	11.85	nan		

Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	591.6	579.1
Straight Line [m]	591.3	578.4

Gian Stragiotti gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-26.285168	5.583144	-9.319353
Final Deficit	-39.219288	11.828554	-10.947778
Total Gain	-12.934120	6.245409	-1.628425
Gain per Minute	-16.135379	7.791179	-2.031468

Interval 2: Downwind from 2025-06-10 12:55:37 to 2025-06-10 12:56:54: Gian Stragiotti vs SenseBoard

Run Statistics

	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	6.397	6.397	5.605	5.605	6.895	6.896	543	543	0.2879	0.2879		
TWD	215.1	215.1	211.1	211.1	216.8	216.8	543	543	1.701	1.701		
SOG	26.63	25.46	25.7	24.5	27.4	26.5	543	543	0.4254	0.443	Gian Stragiotti	Gian Stragiotti
VMG	19.16	18.19	16.6	15.1	20.58	20.48	543	543	0.5951	0.9353	Gian Stragiotti	Gian Stragiotti
COG	351.2	350.8	345	343.5	355.5	359.5	543	543	1.682	2.732		Gian Stragiotti
TWA_Abs	136.1	135.7	128.4	126.8	141.4	144.1	543	543	2.164	3.107		
Heel_Lwd	57.09	50.36	38.6	34.3	68.3	67.4	543	543	4.155	5.74	Gian Stragiotti	Gian Stragiotti
Side_lines	17.59	nan	9	nan	26.3	nan	543	nan	2.511	nan		
Line_C	113.4	87.72	88.8	55.8	144.2	118.6	543	542	9.52	10.97	Gian Stragiotti	Gian Stragiotti
Total_lines	131	nan	102	nan	167.8	nan	543	nan	10.84	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	742.5	710.8
Straight Line [m]	742.1	710

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	-2.526447	15.050426	12.258369
Final Deficit	-34.785071	20.237318	39.094976
Total Gain	-32.258623	5.186892	26.836606
Gain per Minute	-35.711971	5.742159	29.709517

Interval 1: Upwind from 2025-06-10 13:01:46 to 2025-06-10 13:03:25: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	6.02	6.02	5.5	5.5	6.8	6.8	858	858	0.3497	0.3497		
TWD	212.3	212.3	209.3	209.3	214.2	214.2	858	858	1.296	1.296		
SOG	21.68	21.64	18.2	15.2	26	23.1	858	858	0.9657	1.317	Gian Stragiotti	Gian Stragiotti
VMG	13.01	12.91	10.71	9.058	16.28	16.35	858	858	0.8818	1.196	Gian Stragiotti	Gian Stragiotti
COG	159.4	159.1	151.1	149.7	167.7	169.3	858	858	2.991	3.551		Gian Stragiotti
TWA_Abs	52.96	53.2	44.07	42.2	61.23	61.7	858	858	3.499	3.906		
Heel_Lwd	60.77	55.53	44.4	32	76.2	71.9	858	858	4.938	5.785	Gian Stragiotti	Gian Stragiotti
Side_lines	17.37	nan	7.5	nan	28.4	nan	858	nan	3.411	nan		
Line_C	130.4	110.6	95.5	60.7	158.6	144.1	858	855	10.18	12.98	Gian Stragiotti	Gian Stragiotti
Total_lines	147.8	nan	107.2	nan	180.2	nan	858	nan	11.41	nan		

Distance Summary		
	Gian Stragiotti	SenseBoard
Distance [m]	956.9	956.2
Straight Line [m]	955.6	954.3

Gian Stragiotti gains relative to SenseBoard			
	Forward	Lateral	VMG
Initial Deficit	12.523560	-9.289833	0.127553
Final Deficit	11.185562	-13.509567	-4.046771
Total Gain	-1.337999	-4.219734	-4.174324
Gain per Minute	-0.936711	-2.954168	-2.922378

Interval 2: Downwind from 2025-06-10 13:05:07 to 2025-06-10 13:06:21: Gian Stragiotti vs SenseBoard

Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
TWS	6.573	6.573	6.305	6.306	6.905	6.905	211	211	0.1507	0.1508		
TWD	209.9	209.9	209	209	210.4	210.4	211	211	0.4038	0.4038		
SOG	26.69	25.9	25.8	25.1	27.5	26.7	211	211	0.4807	0.336	Gian Stragiotti	SenseBoard
VMG	20.39	19.82	18.32	17.2	22.31	21.71	211	211	0.7615	0.8936	Gian Stragiotti	Gian Stragiotti
COG	349.8	349.9	341.4	341.4	357.5	356.1	211	211	3.024	3.068		Gian Stragiotti
TWA_Abs	139.9	140	131.8	131.9	147.3	146	211	211	2.92	2.966		
Heel_Lwd	53.81	51.1	34.1	36.6	67.1	63.6	211	211	5.244	5.647	Gian Stragiotti	Gian Stragiotti
Side_lines	16.37	nan	7.2	nan	23.6	nan	211	nan	3.324	nan		

	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)
Line_C	106.5	86.7	67.9	62.9	139.7	113	211	210	13.17	11.06	Gian Stragiotti	SenseBoard
Total_lines	122.8	nan	78.5	nan	160.4	nan	211	nan	15.23	nan		

Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	288.8	279.9
Straight Line [m]	288.4	279.5

Gian Stragiotti gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-15.027257	-23.104413	-3.384282
Final Deficit	-23.890193	-24.014905	2.809435
Total Gain	-8.862936	-0.910492	6.193716
Gain per Minute	-25.317851	-2.600911	17.692963

Interval 1: Upwind from 2025-06-10 13:12:26 to 2025-06-10 13:14:15: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (G)
TWS	7.096	7.096	6.3	6.3	7.9	7.9	750	750	0.4535	0.4534			
TWD	212.4	212.4	208.9	208.9	218.2	218.2	750	750	2.695	2.695			
SOG	23.16	23.47	21.4	22.5	25.4	24.6	750	750	0.5477	0.4755	SenseBoard	SenseBoard	Sei
VMG	14.39	14.17	11.34	9.814	17.69	16.66	750	750	1.259	1.214	Karl Maeder	SenseBoard	
COG	161	159.6	150.3	149.7	170.8	169.4	750	750	4.4	4.248		SenseBoard	Sei
TWA_Abs	51.41	52.77	40.6	44.62	61.15	64.26	750	750	4.216	3.584			
Heel_Lwd	59.98	57.08	47.1	26.7	71.5	74.3	750	750	4.305	5.829	Karl Maeder	Karl Maeder	Ka
Side_lines	14.43	16.27	5.7	4.3	24.2	30.6	750	750	3.079	4.012	SenseBoard	Karl Maeder	
Line_C	115.2	131.2	71	51.7	144	162	746	750	10.89	13.01	SenseBoard	Karl Maeder	
Total_lines	129.5	147.7	82.3	56	166.1	184	750	750	12.42	14.88	SenseBoard	Karl Maeder	

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	890.7	903.6
Straight Line [m]	888	901.1

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	11.485398	-7.758011	1.099726
Final Deficit	24.304385	-29.141632	-7.619133
Total Gain	12.818987	-21.383621	-8.718858
Gain per Minute	10.268744	-17.129508	-6.984306

Interval 2: Downwind from 2025-06-10 13:15:44 to 2025-06-10 13:16:57: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (G)
TWS	7.514	7.514	6.5	6.5	8.696	8.696	570	570	0.6907	0.6906			
TWD	210.6	210.6	209.3	209.3	212.3	212.3	570	570	0.831	0.831			
SOG	27.28	26.68	26.1	24.6	28.1	27.8	570	570	0.4346	0.7936	Karl Maeder	Karl Maeder	Ka
VMG	20.89	20.04	17.99	17.13	23.02	22.17	570	570	0.7673	0.8389	Karl Maeder	Karl Maeder	Ka
COG	350.7	349.4	344.8	341.3	357.1	358.4	570	570	2.25	2.417		Karl Maeder	Ka
TWA_Abs	140	138.8	133.4	131.5	145.9	146.4	570	570	2.132	2.287			
Heel_Lwd	50.37	54.69	33.4	33.7	61.5	71.4	570	570	4.962	6.488	SenseBoard	Karl Maeder	
Side_lines	11.42	16.95	2.6	6.8	19.8	25.1	570	570	2.919	3.155	SenseBoard	Karl Maeder	

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C
Line_C	89.44	106.5	54.4	78.1	116.6	140.7	569	570	11.51	11.27	SenseBoard	SenseBoard	Sei
Total_lines	101.3	123.5	61	87.4	133.5	155	570	570	13.18	12.77	SenseBoard	SenseBoard	Sei

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	798.2	780.5
Straight Line [m]	797.6	779.8

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-7.077100	-18.704618	-6.592065
Final Deficit	-25.086952	-1.359395	18.352698
Total Gain	-18.009852	17.345222	24.944763
Gain per Minute	-18.993727	18.292789	26.307491

Interval 1: Upwind from 2025-06-10 13:21:42 to 2025-06-10 13:23:40: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C
TWS	7.943	7.943	7.4	7.4	8.6	8.6	1010	1010	0.247	0.247			
TWD	209.1	209.1	207.5	207.5	210.7	210.7	1010	1010	0.8677	0.8677			
SOG	21.29	21.53	9.3	9.4	23.8	23.6	1010	1010	3.264	3.197	SenseBoard	SenseBoard	Sei
VMG	13.2	13.38	5.829	4.664	16.89	17.34	1010	1010	2.098	2.399	SenseBoard	Karl Maeder	
COG	158.1	157.7	145.6	147.2	190.3	169.2	1010	1010	5.664	4.372		SenseBoard	Sei
TWA_Abs	50.93	51.4	18.79	38.3	64.25	63	1010	1010	6.105	4.886			
Heel_Lwd	56.84	54.85	21.9	5.1	72.9	73.3	1010	1010	7.692	9.315	Karl Maeder	Karl Maeder	Ka
Side_lines	12.82	15.84	3.7	3.2	24.2	28.6	1010	1010	3.744	4.259	SenseBoard	Karl Maeder	
Line_C	107.5	125.4	49.7	41	140.2	165.1	1008	1010	17.43	20.31	SenseBoard	Karl Maeder	
Total_lines	120.1	141.3	54	45.4	159.1	179	1010	1010	19.41	22.97	SenseBoard	Karl Maeder	

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	1106	1121
Straight Line [m]	1102	1118

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-19.327956	16.955069	0.986070
Final Deficit	-3.506116	17.731487	11.558877
Total Gain	15.821840	0.776418	10.572807
Gain per Minute	9.409267	0.461737	6.287661

Interval 2: Downwind from 2025-06-10 13:25:06 to 2025-06-10 13:26:22: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C
TWS	7.446	7.446	6.8	6.8	7.896	7.896	229	229	0.3229	0.3229			
TWD	208.9	208.9	207.7	207.7	209.5	209.5	229	229	0.6014	0.6016			
SOG	27.4	27.55	25.9	26.1	28.5	28.5	229	229	0.6263	0.6732	SenseBoard	Karl Maeder	
VMG	21.33	21.8	19.77	19.64	22.85	23.21	229	229	0.548	0.6476	SenseBoard	Karl Maeder	
COG	350.1	351.4	344.5	343.7	357.5	358.4	229	229	2.352	2.992		Karl Maeder	Ka
TWA_Abs	141.2	142.5	135.6	134.3	148.2	149.1	229	229	2.299	2.831			
Heel_Lwd	49.72	54.35	35.5	36.9	62.7	70.3	229	229	5.226	5.802	SenseBoard	Karl Maeder	
Side_lines	10.25	17.12	2.6	7.7	20.4	24.6	229	229	3.206	2.972	SenseBoard	SenseBoard	Sei
Line_C	86.47	108.3	56	77.9	123.4	133.6	228	229	11.96	10.95	SenseBoard	SenseBoard	Sei

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C
Total_lines	97.14	125.3	60.7	88.4	141.7	154.5	229	229	14.29	11.96	SenseBoard	SenseBoard	Sei

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	321.3	323.1
Straight Line [m]	321.1	322.7

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	9.860237	21.893894	6.023085
Final Deficit	11.431039	15.002452	0.482820
Total Gain	1.570803	-6.891443	-5.540265
Gain per Minute	4.133329	-18.133784	-14.578367

Interval 1: Upwind from 2025-06-10 13:32:32 to 2025-06-10 13:33:59: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C
TWS	8.826	8.826	8.1	8.1	9.595	9.595	590	590	0.413	0.413			
TWD	207.7	207.7	207	207	208.9	208.9	590	590	0.503	0.5031			
SOG	22.41	22.98	20.3	22	23.8	23.7	590	590	0.561	0.3871	SenseBoard	SenseBoard	Sei
VMG	15.05	15.87	12.33	13.58	17.41	18.34	590	590	0.9166	0.7432	SenseBoard	SenseBoard	Sei
COG	159.9	161.4	151.8	154.9	168.9	171.1	590	590	2.849	2.573		SenseBoard	Sei
TWA_Abs	47.78	46.28	39.1	37.14	55.44	52.2	590	590	2.714	2.457			
Heel_Lwd	59.45	56.29	39.7	44	75.5	70.4	590	590	4.858	4.847	Karl Maeder	SenseBoard	
Side_lines	13.41	15.83	4	7.6	24.8	28.4	590	590	3.602	3.788	SenseBoard	Karl Maeder	
Line_C	114.6	128.9	66.3	95.8	144.4	156.7	588	590	13.39	10.48	SenseBoard	SenseBoard	Sei
Total_lines	127.7	144.8	73	106.7	166.2	178.4	590	590	15.51	12.05	SenseBoard	SenseBoard	Sei

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	678.6	696.4
Straight Line [m]	677.8	695.7

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	15.998795	-7.103798	5.491314
Final Deficit	33.764144	9.961959	30.067781
Total Gain	17.765349	17.065757	24.576467
Gain per Minute	18.095901	17.383292	25.033750

Interval 2: Downwind from 2025-06-10 13:35:23 to 2025-06-10 13:36:22: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C
TWS	7.565	7.565	7.206	7.206	8.095	8.096	230	230	0.2495	0.2494			
TWD	207.1	207.1	206.4	206.4	207.7	207.7	230	230	0.409	0.409			
SOG	27.09	27.19	26	26.4	28	27.8	230	230	0.5207	0.2805	SenseBoard	SenseBoard	Sei
VMG	21.15	21.26	18.79	19.39	23.32	22.78	230	230	1.07	0.6354	SenseBoard	SenseBoard	Sei
COG	348.6	348.6	339.6	343.5	355.2	353.9	230	230	3.371	1.847		SenseBoard	Sei
TWA_Abs	141.5	141.5	133.1	135.9	147.7	147.2	230	230	3.398	1.992			
Heel_Lwd	48.06	53.48	31.2	39.2	64.8	70.7	230	230	5.827	5.279	SenseBoard	SenseBoard	Sei
Side_lines	10.59	16.89	3	10.2	18.6	24.2	230	230	3.028	2.944	SenseBoard	SenseBoard	Sei
Line_C	84.06	106.8	60.8	78.4	125.3	133.9	230	230	13.31	9.432	SenseBoard	SenseBoard	Sei

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C
Total_lines	94.16	123.7	64.5	91.1	130.1	153.8	230	230	14.82	10.6	SenseBoard	SenseBoard	Sei

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	319	320.1
Straight Line [m]	318.5	319.9

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-7.071518	-15.473834	-4.110463
Final Deficit	-5.647129	-15.506743	-5.245062
Total Gain	1.424389	-0.032909	-1.134598
Gain per Minute	3.734795	-0.086288	-2.974955

Interval 1: Upwind from 2025-06-10 13:39:24 to 2025-06-10 13:40:56: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C
TWS	9.307	9.307	8.005	8.005	10	10	562	562	0.5419	0.5418			
TWD	210.5	210.5	209.4	209.4	211.7	211.7	562	562	0.5996	0.5995			
SOG	23.07	23.27	21.6	21.9	24.9	24.3	562	562	0.5392	0.5659	SenseBoard	Karl Maeder	
VMG	14.86	15.12	12.22	12.43	17.82	16.99	562	562	1.008	0.6719	SenseBoard	SenseBoard	Sei
COG	160.7	161.1	151.5	155.8	170.3	171.3	562	562	3.248	2.495		SenseBoard	Sei
TWA_Abs	49.84	49.43	40.69	40.1	58.82	55.42	562	562	3.142	2.367			
Heel_Lwd	59.1	56.21	42.6	38.1	74.4	69.4	562	562	5.287	4.939	Karl Maeder	SenseBoard	
Side_lines	11.5	15.7	3.2	7.7	24	27.2	562	562	3.796	3.712	SenseBoard	SenseBoard	Sei
Line_C	113.1	129.7	68.5	89	151.1	158.3	561	562	14.86	11.91	SenseBoard	SenseBoard	Sei
Total_lines	124.7	145.2	76.6	101.6	174.5	179.5	562	562	16.33	13.03	SenseBoard	SenseBoard	Sei

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	665.3	671.3
Straight Line [m]	664.3	670.7

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-10.168994	9.610727	0.786487
Final Deficit	-3.725766	14.412579	8.611711
Total Gain	6.443227	4.801851	7.825224
Gain per Minute	6.891398	5.135853	8.369522

Interval 2: Downwind from 2025-06-10 13:42:11 to 2025-06-10 13:43:22: Karl Maeder vs SenseBoard

Run Statistics

	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	V (C
TWS	8.101	8.101	7.705	7.705	8.7	8.7	222	222	0.264	0.2639			
TWD	208	208	207.4	207.4	208.6	208.6	222	222	0.3219	0.3219			
SOG	27.03	27.48	25.6	26.6	28.5	28.3	222	222	0.7799	0.5243	SenseBoard	SenseBoard	Sei
VMG	21.21	21.68	18.95	19.67	22.78	23.52	222	222	0.9375	0.8309	SenseBoard	SenseBoard	Sei
COG	349.7	350.1	345.2	343.7	355.6	356	222	222	2.084	2.402		Karl Maeder	Ka
TWA_Abs	141.8	142.1	136.9	136	148.2	148.2	222	222	2.213	2.241			
Heel_Lwd	48.87	52.58	35.6	36.5	63.9	66.5	222	222	5.537	5.996	SenseBoard	Karl Maeder	
Side_lines	10.53	16.04	1.3	8.8	21.1	23.3	222	222	3.035	2.562	SenseBoard	SenseBoard	Sei
Line_C	85.55	104.2	55.3	75.7	117.2	125.3	221	222	12.69	10.87	SenseBoard	SenseBoard	Sei
Total_lines	96.3	120.3	63	84.5	131.5	145.2	222	222	14.7	12	SenseBoard	SenseBoard	Sei

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	307.5	312.8
Straight Line [m]	307.3	312.5

Karl Maeder gains relative to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	23.350925	43.449911	8.553650
Final Deficit	28.635811	41.711644	3.326872
Total Gain	5.284887	-1.738267	-5.226777
Gain per Minute	14.346161	-4.718636	-14.188420
