

```
In [1]: import os
import json
from cog_analysis import analyze_session
from report_fct import process_all_run

summary_path = "summary.json"

base_dir = "../Data_Sailnjord/Straight_lines"

# Scan de tous les dossiers de date
for date_folder in sorted(os.listdir(base_dir)):
    date_path = os.path.join(base_dir, date_folder)

    # Scan de tous les runs dans chaque dossier de date
    for run_folder in sorted(os.listdir(date_path)):
        run_path = os.path.join(date_path, run_folder)
        print("\n\nProcessing:", run_path)
        try:
            process_all_run(run_path, summary_path, tot=False)
        except ValueError as e:
            print(f"Error: {e}"
```

Processing: ../Data_Sailnjord/Straight_lines\06_06\06_06_Run1
 Processing only reduced intervals for Gian Stragiotti vs Karl Maeder

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

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

Distance Summary

Gian Stragiotti Karl Maeder

Distance [m] 1081.398980 1066.236848

Straight Line [m] 1075.281260 1061.388559

Distance as Percentage of Straight Line [%] 100.568941 100.456787

Gain of Gian Stragiotti with respect to Karl Maeder

Forward Lateral VMG

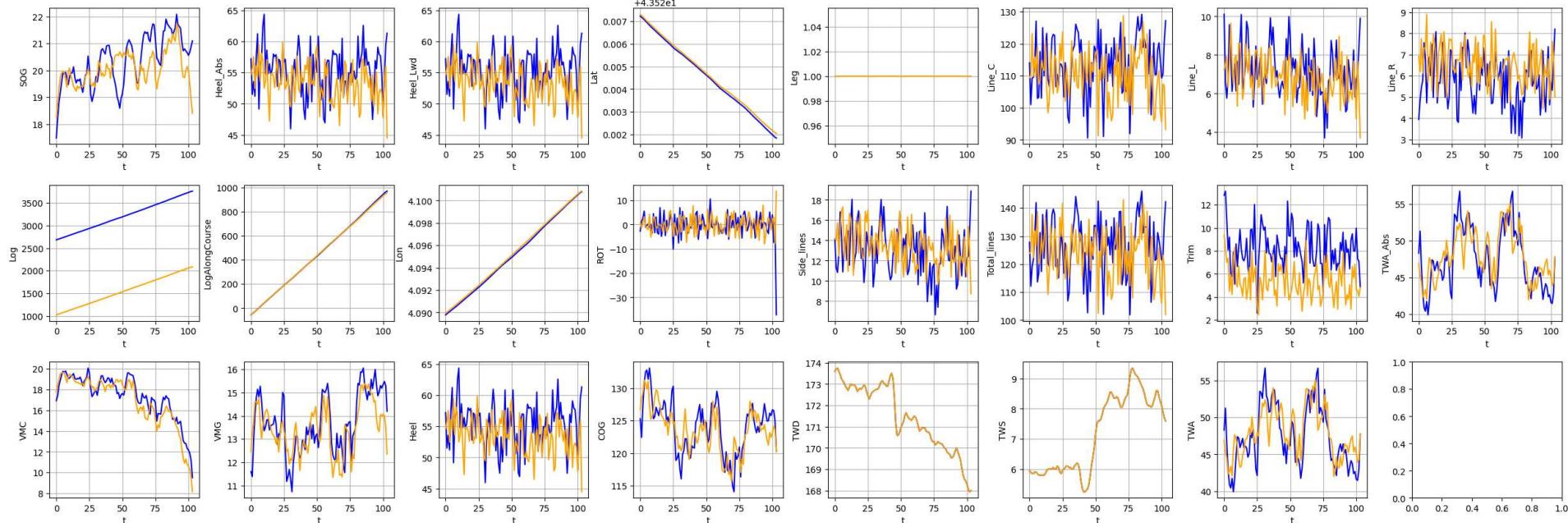
Initial Deficit 4.392011 -14.158777 -7.458954

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



===== Gian Stragiotti SOG Karl Maeder SOG =====

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

MainReport

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

Distance Summary

Gian Stragiotti Karl Maeder

Distance [m] 672.320036 644.130648

Straight Line [m] 666.693916 640.530353

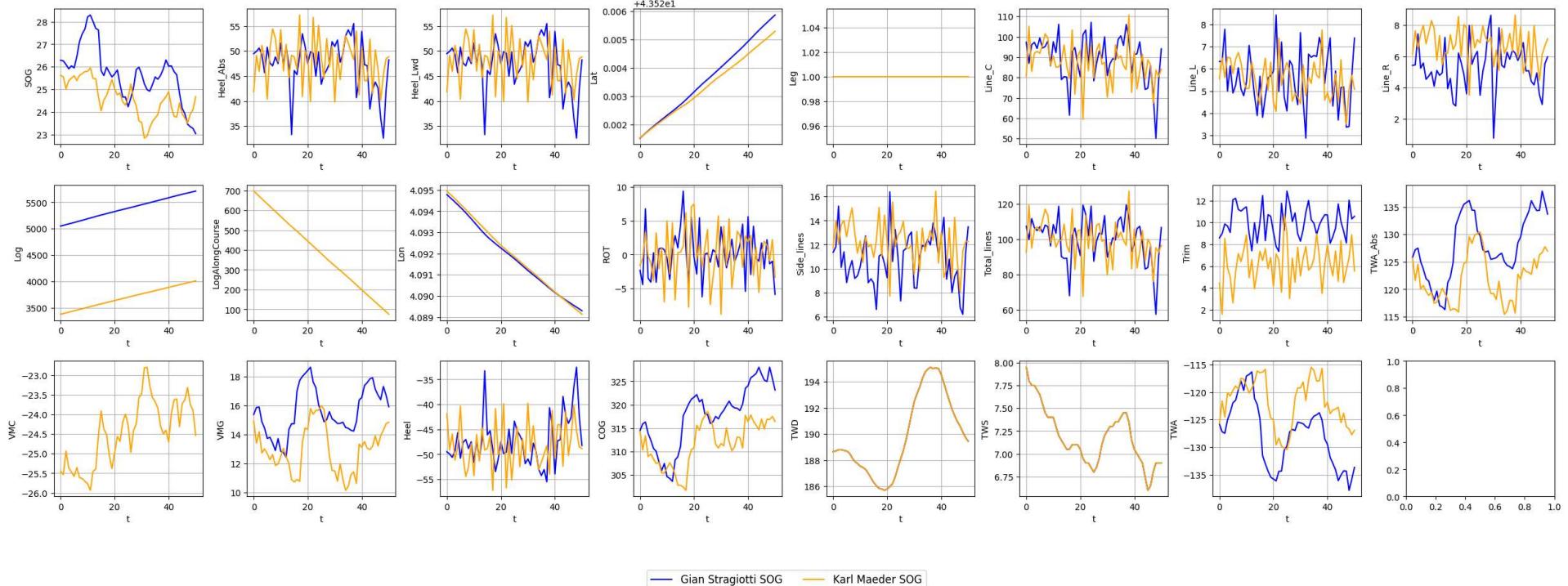
Distance as Percentage of Straight Line [%] 100.843884 100.562080

Gain of Gian Stragiotti with respect 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 2: Downwind from 2025-06-06 13:51:21 to 2025-06-06 13:52:50: Gian Stragiotti vs Karl Maeder - Parameters over time



Processing: ..\Data_Sailnjord\Straight_lines\06_06\06_06_Run2

Processing only reduced intervals for Gian Stragiotti vs Karl Maeder

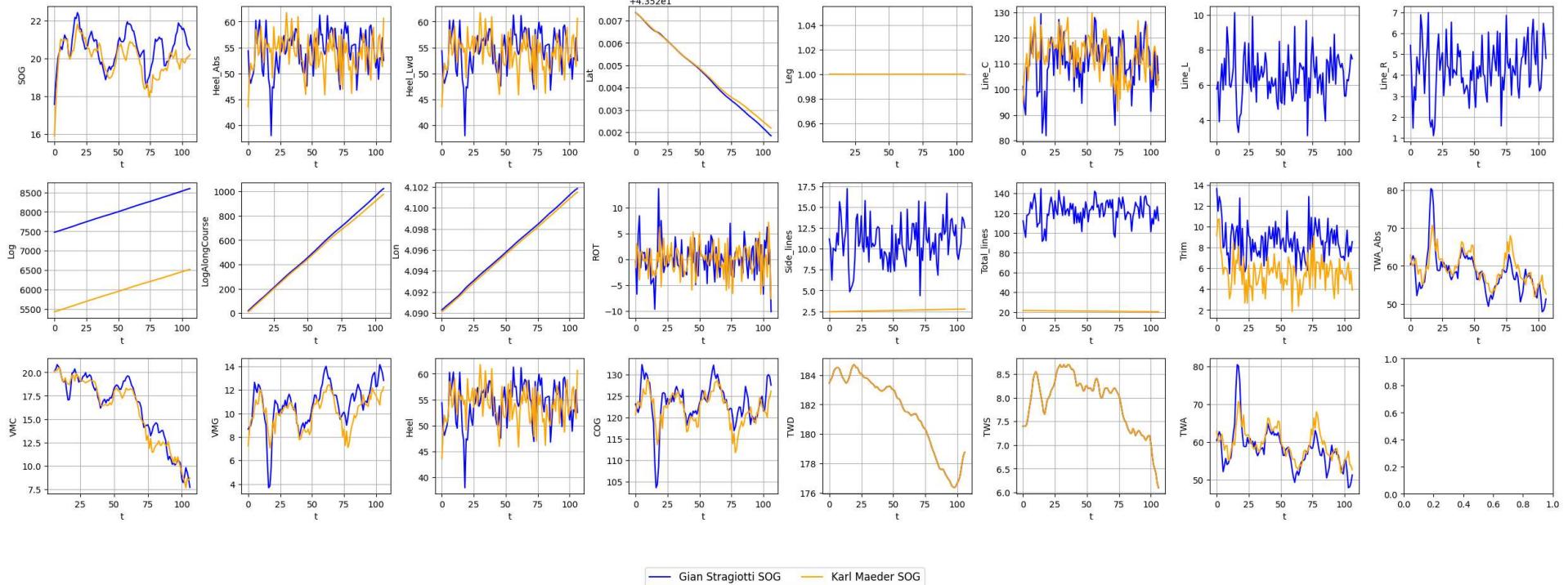
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Interval 1: Upwind from 2025-06-06 13:59:30 to 2025-06-06 14:01:46: Gian Stragiotti vs Karl Maeder
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	Run Statistics												
	Avg (Gian Stragiotti)	Avg (Karl Maeder)	Min (Gian Stragiotti)	Min (Karl 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]	1130.033270	1095.475867
Straight Line [m]	1122.791302	1090.306283
Distance as Percentage of Straight Line [%]	100.644997	100.474141
Gain of Gian Stragiotti with respect to Karl Maeder		
Forward	8.152855	0.924698
Initial Deficit	-11.379267	
Final Deficit	-44.169273	-16.472546
Total Gain	-32.790006	-24.625401
Gain per Minute	-18.511308	-13.902053
		-21.574696

Interval 1: Upwind from 2025-06-06 13:59:30 to 2025-06-06 14:01:46: Gian Stragiotti vs Karl Maeder - Parameters over time



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Interval 2: Downwind from 2025-06-06 14:04:34 to 2025-06-06 14:06:10: Gian Stragiotti vs Karl Maeder
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MainReport

	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] 865.364383 838.187540

Straight Line [m] 854.226182 832.946780

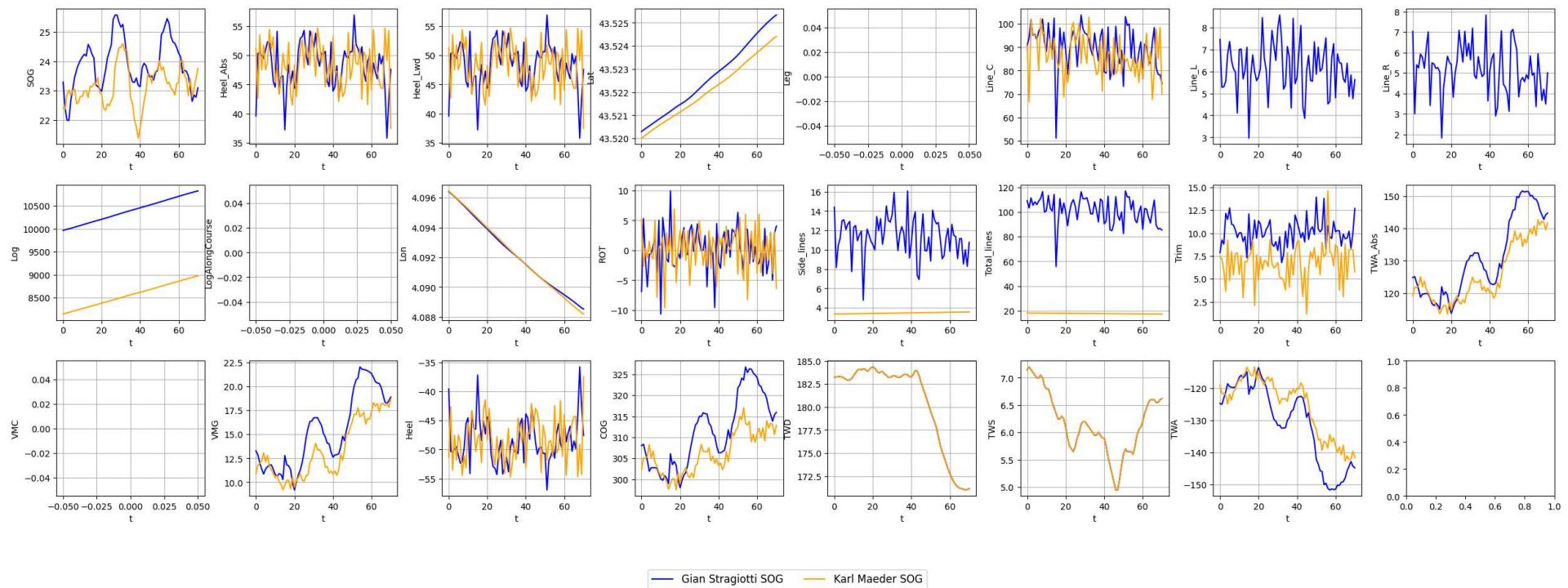
Distance as Percentage of Straight Line [%] 101.303894 100.629183

Gain of Gian Stragiotti with respect 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 2: Downwind from 2025-06-06 14:04:34 to 2025-06-06 14:06:10: Gian Stragiotti vs Karl Maeder - Parameters over time



Processing: ..\Data_Sailnjord\Straight_lines\06_06\06_06_Run3
Processing only reduced intervals for Gian Stragiotti vs Karl Maeder

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Interval 1: Upwind from 2025-06-06 14:10:56 to 2025-06-06 14:12:59: Gian Stragiotti vs Karl Maeder
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MainReport

	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] 1234.693680 1200.609217

Straight Line [m] 1226.090466 1193.683428

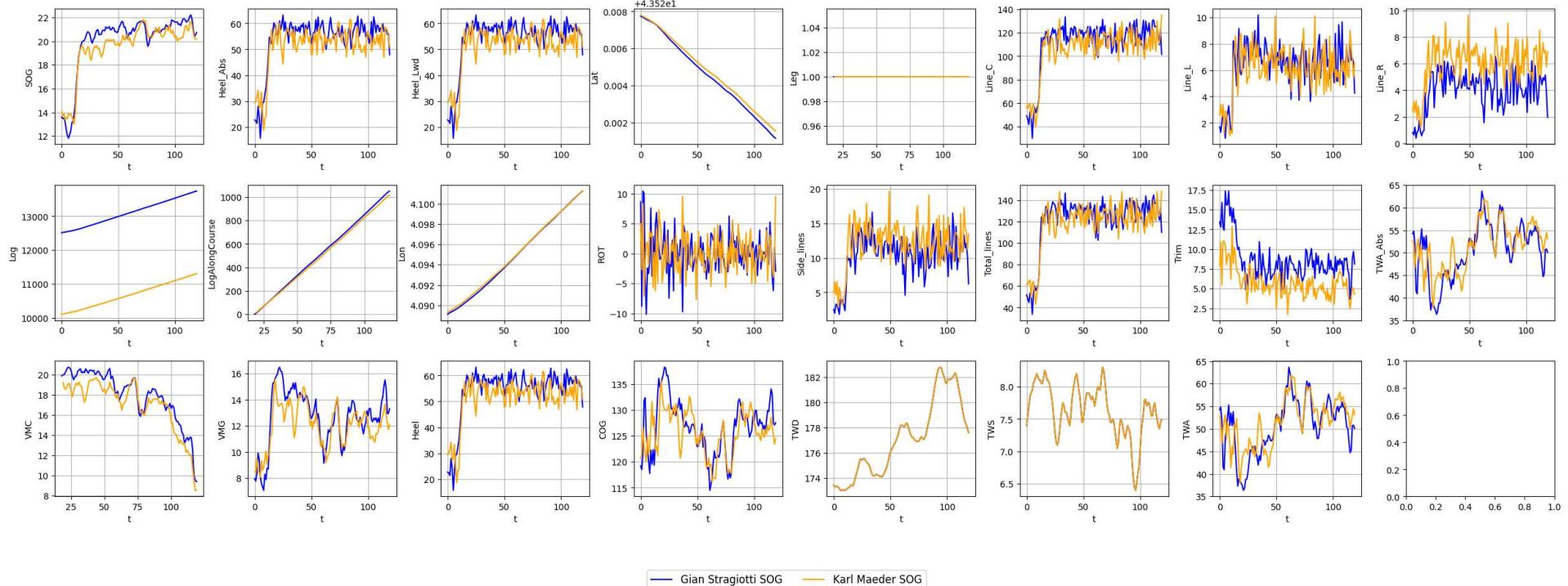
Distance as Percentage of Straight Line [%] 100.701679 100.580203

Gain of Gian Stragiotti with respect 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 1: Upwind from 2025-06-06 14:10:56 to 2025-06-06 14:12:59: Gian Stragiotti vs Karl Maeder - Parameters over time



— Gian Stragiotti SOG — Karl Maeder SOG

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 Interval 2: Downwind from 2025-06-06 14:14:38 to 2025-06-06 14:16:07: Gian Stragiotti vs Karl Maeder
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MainReport

	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
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] 874.473598 855.411500

Straight Line [m] 866.179649 847.190675

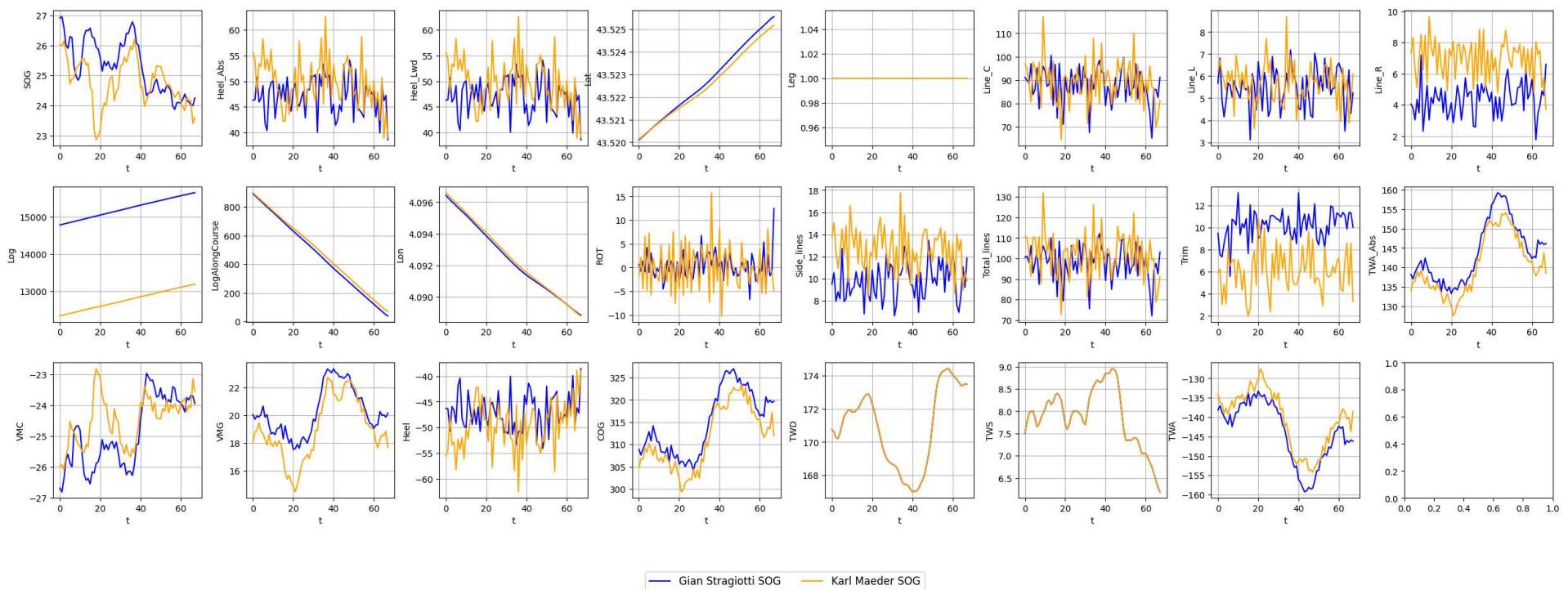
Distance as Percentage of Straight Line [%] 100.957532 100.970363

Gain of Gian Stragiotti with respect 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 2: Downwind from 2025-06-06 14:14:38 to 2025-06-06 14:16:07: Gian Stragiotti vs Karl Maeder - Parameters over time



— Gian Stragiotti SOG — Karl Maeder SOG

Processing: ..\Data_Sailnjord\Straight_lines\06_06\06_06_Run4
Processing only reduced intervals for Gian Stragiotti vs Karl Maeder

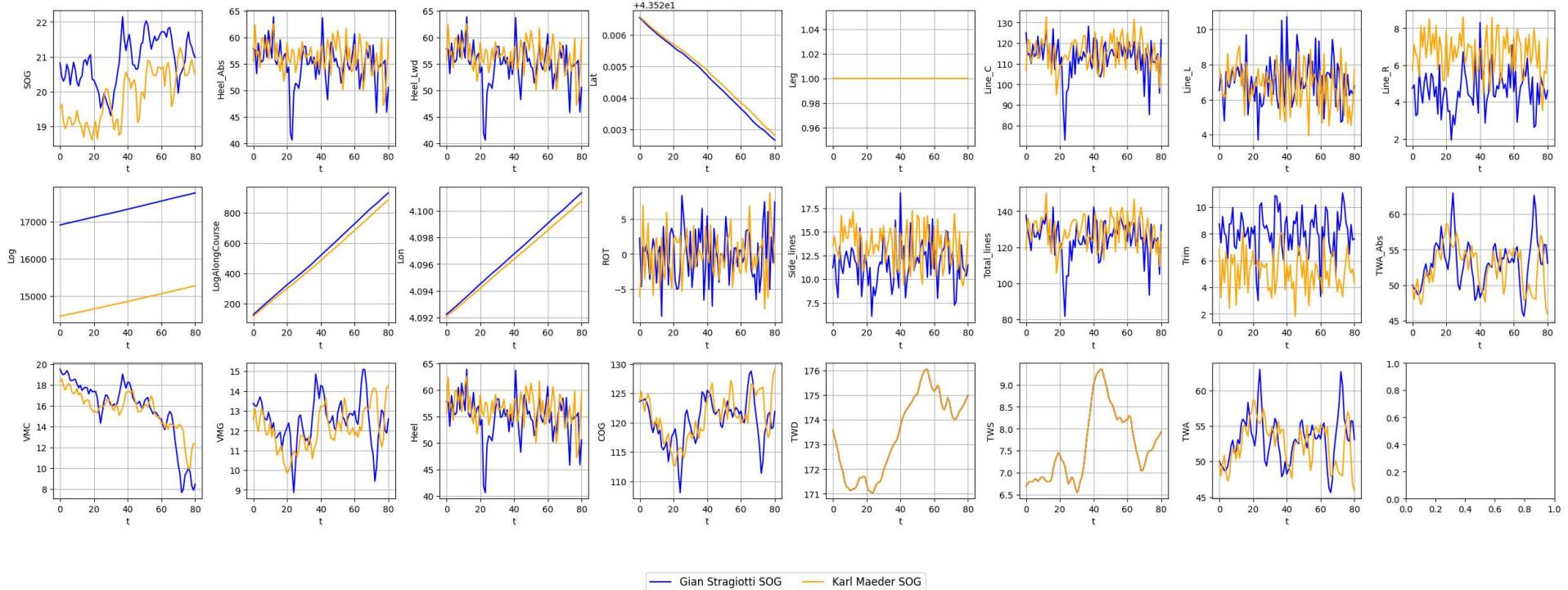
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Interval 1: Upwind from 2025-06-06 14:19:16 to 2025-06-06 14:21:20: Gian Stragiotti vs Karl Maeder
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	Run Statistics												
	Avg (Gian Stragiotti)	Avg (Karl Maeder)	Min (Gian Stragiotti)	Min (Karl 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]	865.581489	824.227579
Straight Line [m]	861.503632	820.157003
Distance as Percentage of Straight Line [%]	100.473342	100.496317
Gain of Gian Stragiotti with respect to Karl Maeder		
Forward	2.816152	-4.616416
Lateral	11.441512	-52.796013
VMG	-4.616416	11.503650
Initial Deficit	-41.354501	-22.494764
Final Deficit	8.687498	-17.878348
Total Gain	-30.825145	6.475556
Gain per Minute	-13.326305	

Interval 1: Upwind from 2025-06-06 14:19:16 to 2025-06-06 14:21:20: Gian Stragiotti vs Karl Maeder - Parameters over time



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Interval 2: Downwind from 2025-06-06 14:23:58 to 2025-06-06 14:25:19: Gian Stragiotti vs Karl Maeder
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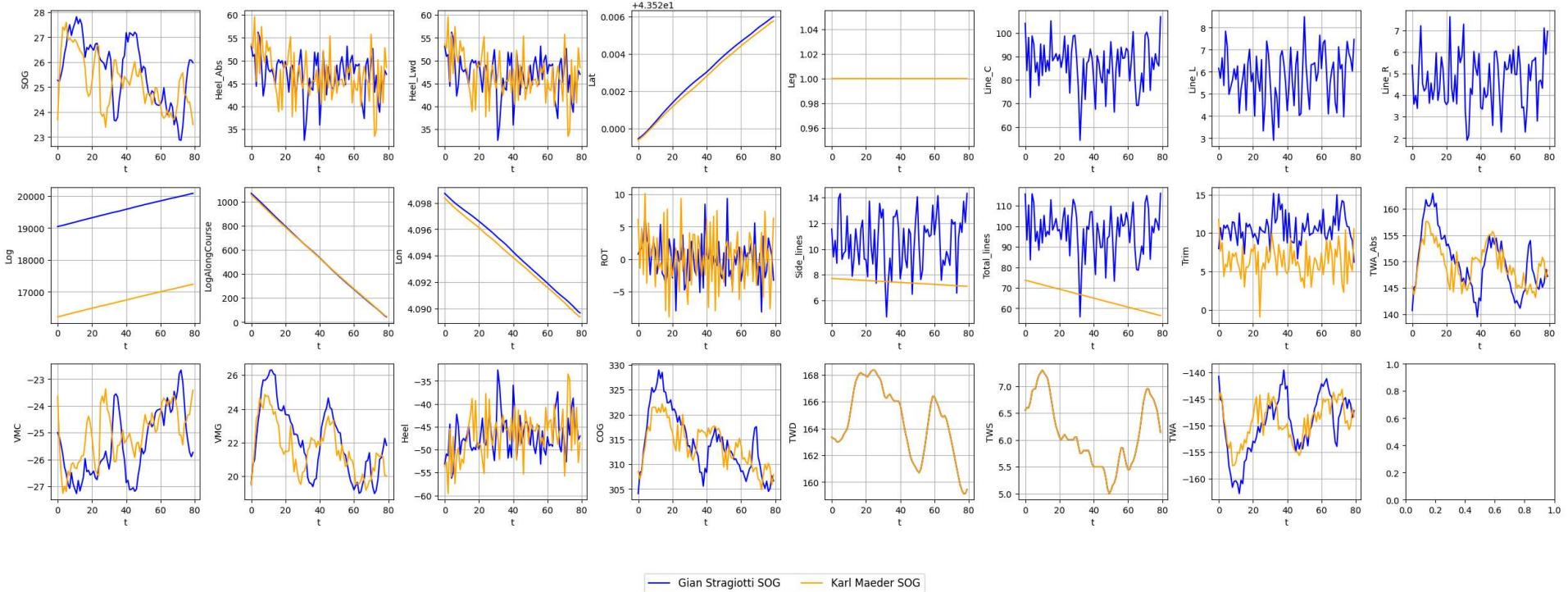
MainReport

	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
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]	1047.877006	1029.159449
Straight Line [m]	1039.543682	1024.131324
Distance as Percentage of Straight Line [%]	100.801633	100.490965
Gain of Gian Stragiotti with respect to Karl Maeder		
Forward	14.685818	26.339431
Lateral	0.547865	
VMG		
Initial Deficit	-0.753848	36.147829
Final Deficit	-15.439666	9.808398
Total Gain	11.681819	18.277725
Gain per Minute	-11.681819	7.421141
		13.829126

Interval 2: Downwind from 2025-06-06 14:23:58 to 2025-06-06 14:25:19: Gian Stragiotti vs Karl Maeder - Parameters over time



— Gian Stragiotti SOG — Karl Maeder SOG

Processing: ..\Data_Sailnjord\Straight_lines\06_06\06_06_Run5
Processing only reduced intervals for Karl Maeder vs SenseBoard

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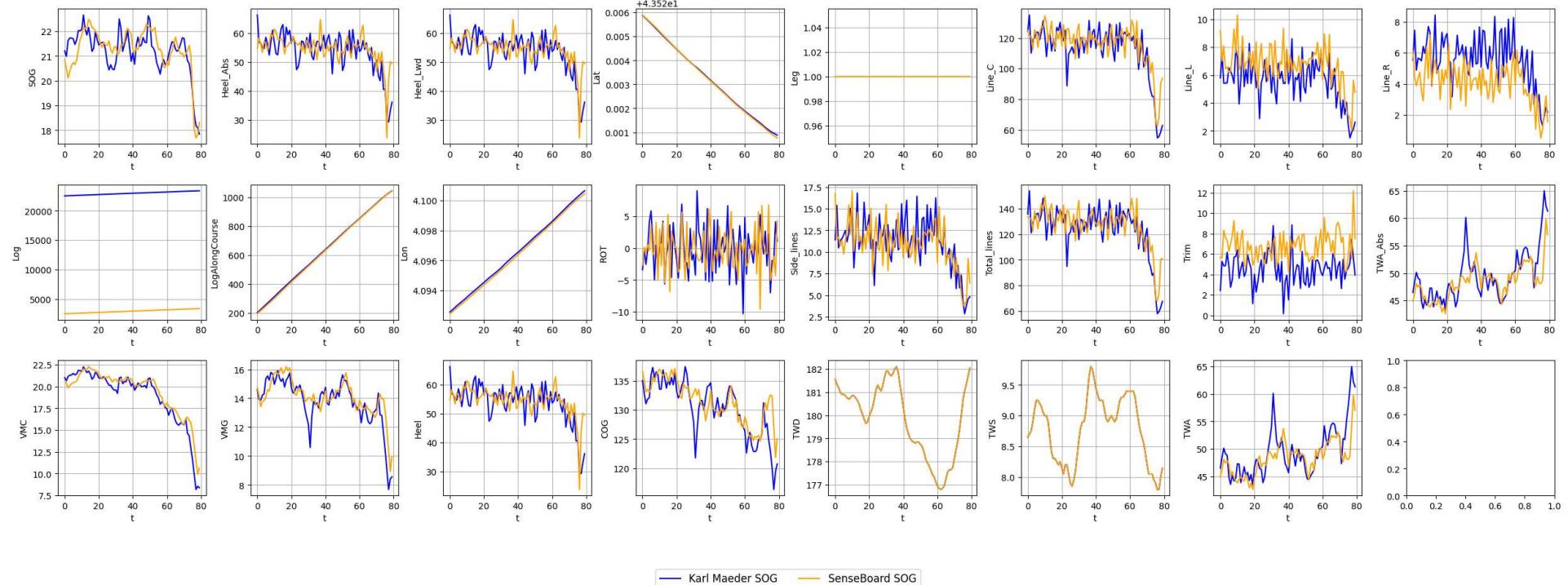
Run Statistics

	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	Tie
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	Tie
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]	871.384450	875.421161
Straight Line [m]	866.352165	871.525091
Distance as Percentage of Straight Line [%]	100.580859	100.447040
Gain of Karl Maeder with respect to SenseBoard		
Forward	Initial Deficit	VMG
-8.075118	-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 1: Upwind from 2025-06-06 14:38:01 to 2025-06-06 14:40:19: Karl Maeder vs SenseBoard - Parameters over time

=====
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			
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	Tie
VMG	23.64	23.46	18.54	17.65	25.71	26.27	659	658	1.247	1.554	Karl Maeder	Karl Maeder	Karl Maeder
COG	321.7	320.4	303.2	304.9	332.4	328.2	659	658	4.521	3.729			
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	Tie
Side_lines	12.17	9.908	3.3	1.7	21.7	20.7	659	658	3.413	3.168	Karl Maeder	SenseBoard	Tie
Line_C	87.12	84.85	54.2	51.6	127.2	113.9	659	654	13.23	10.93	Karl Maeder	SenseBoard	Tie
Total_lines	99.3	95	61.3	58.9	145.9	134.3	659	658	15.09	11.98	Karl Maeder	SenseBoard	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m] 899.118276 902.267063

Straight Line [m] 895.412799 899.380763

Distance as Percentage of Straight Line [%] 100.413829 100.320921

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

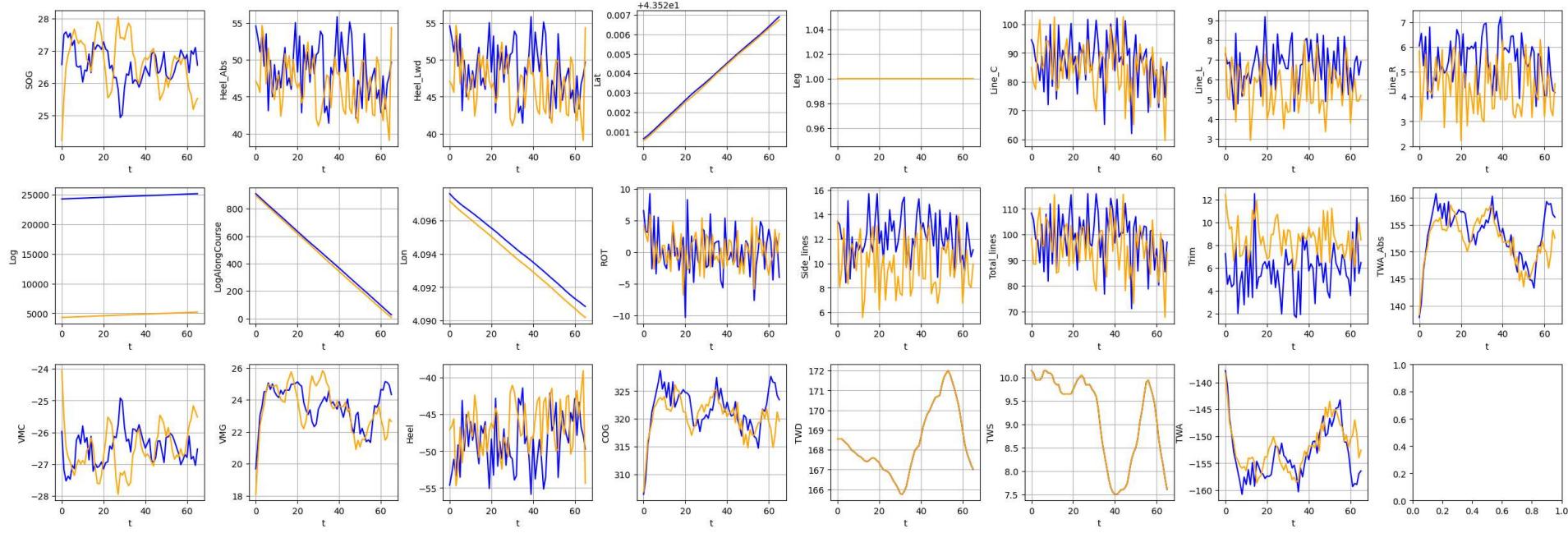
Initial Deficit 13.683056 33.768801 2.952905

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



Processing: ../Data_Sailnjord/Straight_lines\06_06\06_06_Run6
 Processing only reduced intervals for Karl Maeder vs SenseBoard

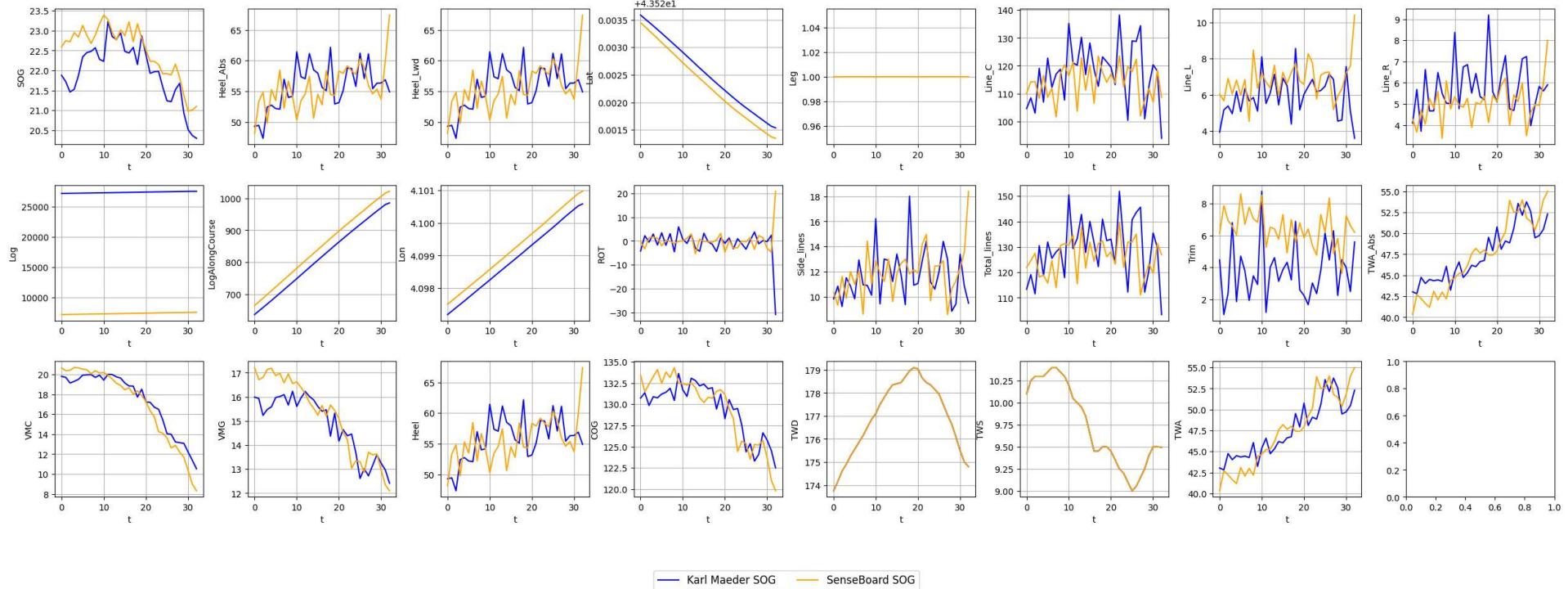
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Interval 1: Upwind from 2025-06-06 14:49:00 to 2025-06-06 14:50:32: Karl Maeder vs SenseBoard
=====
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	Run Statistics												
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Winner (Overall)
TWS	9.744	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	SenseBoard
VMG	14.89	15.28	11.24	11.52	17.19	18.17	321	321	1.284	1.592	SenseBoard	Karl Maeder	Tie
COG	129.6	129.8	117.5	117.9	135.5	137.6	321	321	3.38	4.034		Karl Maeder	Karl Maeder
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	Tie
Side_lines	11.73	11.76	4.4	3.1	25.8	22.4	321	321	3.832	3.557	SenseBoard	SenseBoard	SenseBoard
Line_C	118.1	114.2	82.7	79.3	155.2	146.3	321	319	13.83	11.55	Karl Maeder	SenseBoard	Tie
Total_lines	129.9	125.9	91.1	88.1	175.7	159.3	321	321	15.44	11.66	Karl Maeder	SenseBoard	Tie

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	362.486147	371.417151
Straight Line [m]	361.254838	369.831007
Distance as Percentage of Straight Line [%]	100.340842	100.428883
Gain of Karl Maeder with respect to SenseBoard		
Forward	Initial Deficit	Final Deficit
	28.956716	-4.466744
	16.321383	37.530561
		-3.617327
		22.752243
Lateral	Total Gain	
	8.573845	0.849418
	6.430860	
VMG	Gain per Minute	
	16.070435	1.592111
		12.053719

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

=====
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)	Winner (Overall)
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			
SOG	26.05	26.57	24.5	24.8	27.1	28.1	295	296	0.5202	0.7878	SenseBoard	Karl Maeder	Tie
VMG	21.28	21.54	17.62	16.9	23.88	24.95	295	296	0.9979	1.18	SenseBoard	Karl Maeder	Tie
COG	316.9	316.3	305.9	305.4	326.8	326.5	295	296	3.842	3.6		SenseBoard	SenseBoard
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	Tie
Side_lines	12.26	11.33	4.8	3.5	20.4	22.4	295	296	3.257	3.463	Karl Maeder	Karl Maeder	Karl Maeder
Line_C	82.44	82.32	48.5	55.1	125.3	124.4	295	296	16.39	13.97	Karl Maeder	SenseBoard	Tie
Total_lines	93.89	93.6	57.8	63.3	140.9	146.8	295	296	17.77	15.83	Karl Maeder	SenseBoard	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m] 394.834311 403.165795

Straight Line [m] 393.500238 401.935591

Distance as Percentage of Straight Line [%] 100.339027 100.306070

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

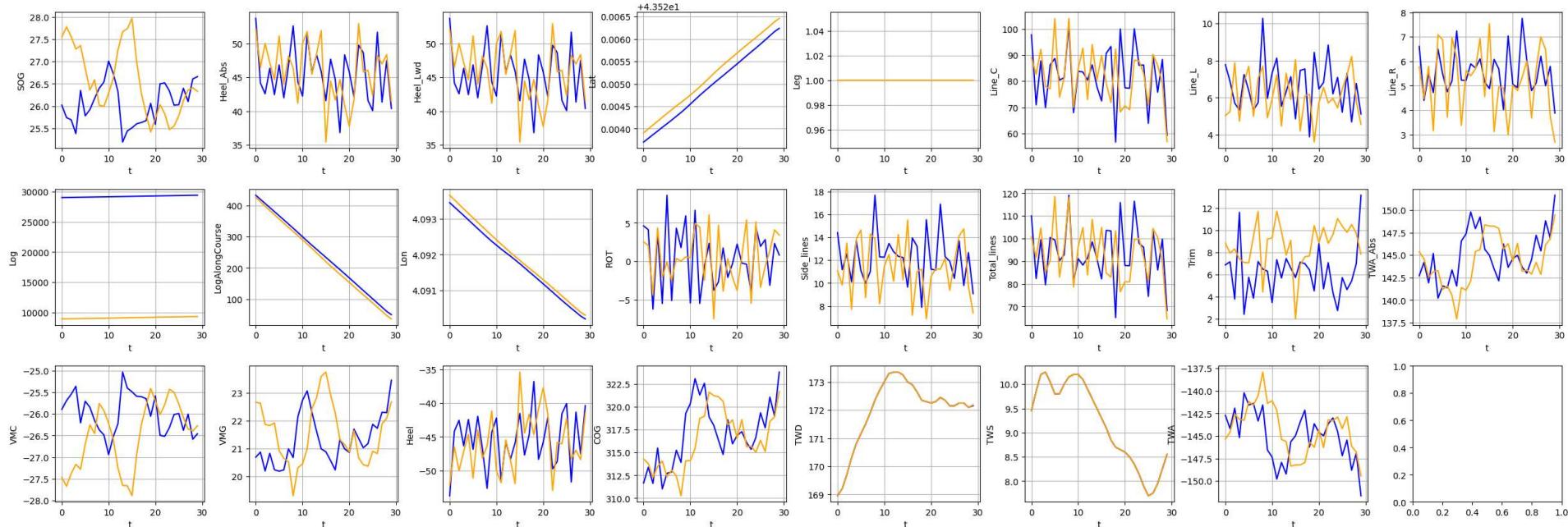
Initial Deficit 4.541539 -27.467791 -19.516056

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



— Karl Maeder SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\06_06\06_06_Run7
Processing only reduced intervals for Karl Maeder vs SenseBoard

=====
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)	Winner (Overall)
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	SenseBoard
VMG	14.14	14.79	9.275	11.03	18.08	18.22	790	790	1.455	1.581	SenseBoard	Karl Maeder	Tie
COG	135.4	137.1	117.2	126.9	148.4	149.2	790	790	4.558	3.922	SenseBoard	SenseBoard	SenseBoard
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	SenseBoard
Side_lines	10.85	11.02	2.7	2.3	28.1	24.2	790	790	3.904	3.877	SenseBoard	SenseBoard	SenseBoard
Line_C	109.2	110.7	41.7	54.8	152.8	147.4	790	789	18.12	14.27	SenseBoard	SenseBoard	SenseBoard
Total_lines	119.7	121.7	45	58.1	171.1	164.1	790	790	19.82	15.8	SenseBoard	SenseBoard	SenseBoard

Distance Summary

Karl Maeder SenseBoard

Distance [m] 866.101491 877.496379

Straight Line [m] 861.902208 873.793968

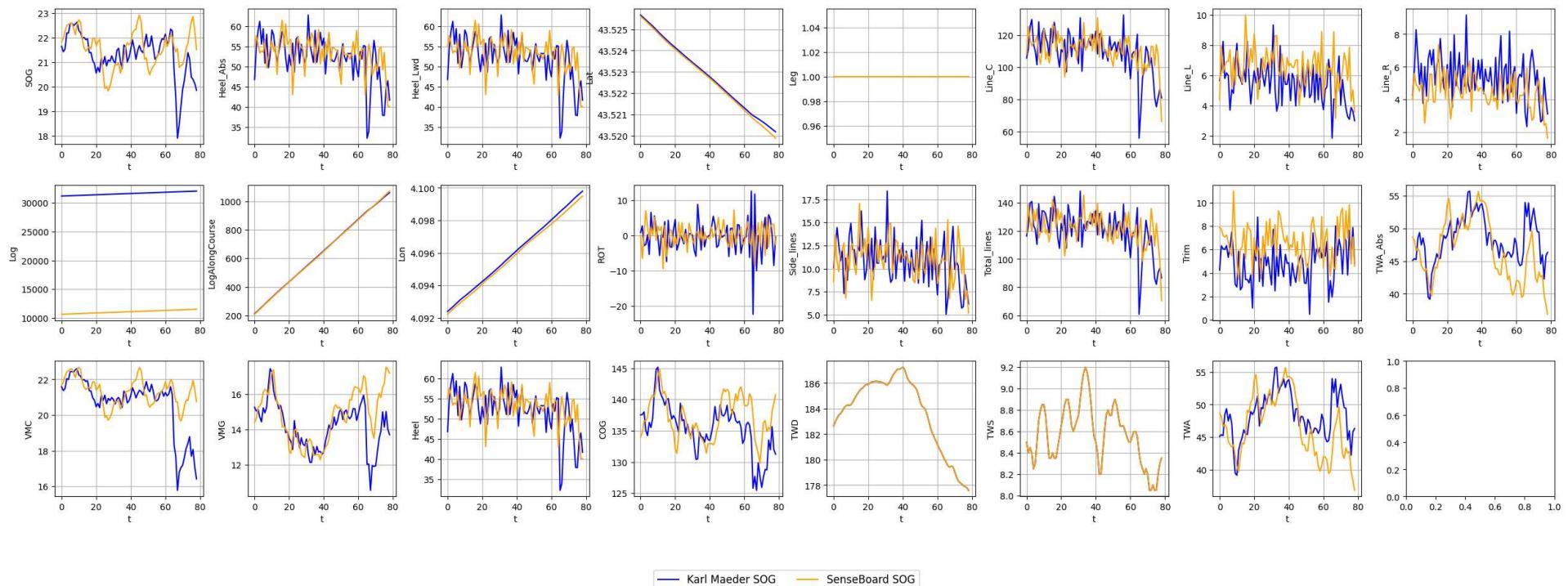
Distance as Percentage of Straight Line [%] 100.487211 100.423717

Gain of Karl Maeder with respect 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 1: Upwind from 2025-06-06 14:57:19 to 2025-06-06 14:59:18: Karl Maeder vs SenseBoard - Parameters over time

=====
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)	Winner (Overall)
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			
SOG	27.14	27.97	25	26	29.1	29.4	590	591	0.6307	0.6693	SenseBoard	Karl Maeder	Tie
VMG	23.51	24.16	20.58	21.18	26.73	26.98	590	591	1.022	1.143	SenseBoard	Karl Maeder	Tie
COG	322.7	322.4	311.9	313.8	336.2	338.2	590	591	4.182	4.827			Karl Maeder
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	Tie
Side_lines	12.83	12.92	4.3	4.7	24.2	20.8	590	591	3.271	2.806	SenseBoard	SenseBoard	SenseBoard
Line_C	88.26	89.32	52	61.6	134.5	122.7	590	587	15.97	11.15	SenseBoard	SenseBoard	SenseBoard
Total_lines	101.4	102.4	61.7	70.4	154.3	139.4	590	591	17.42	11.96	SenseBoard	SenseBoard	SenseBoard

Distance Summary

Karl Maeder SenseBoard

Distance [m] 822.680167 849.293323

Straight Line [m] 819.593053 845.485433

Distance as Percentage of Straight Line [%] 100.376664 100.450379

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

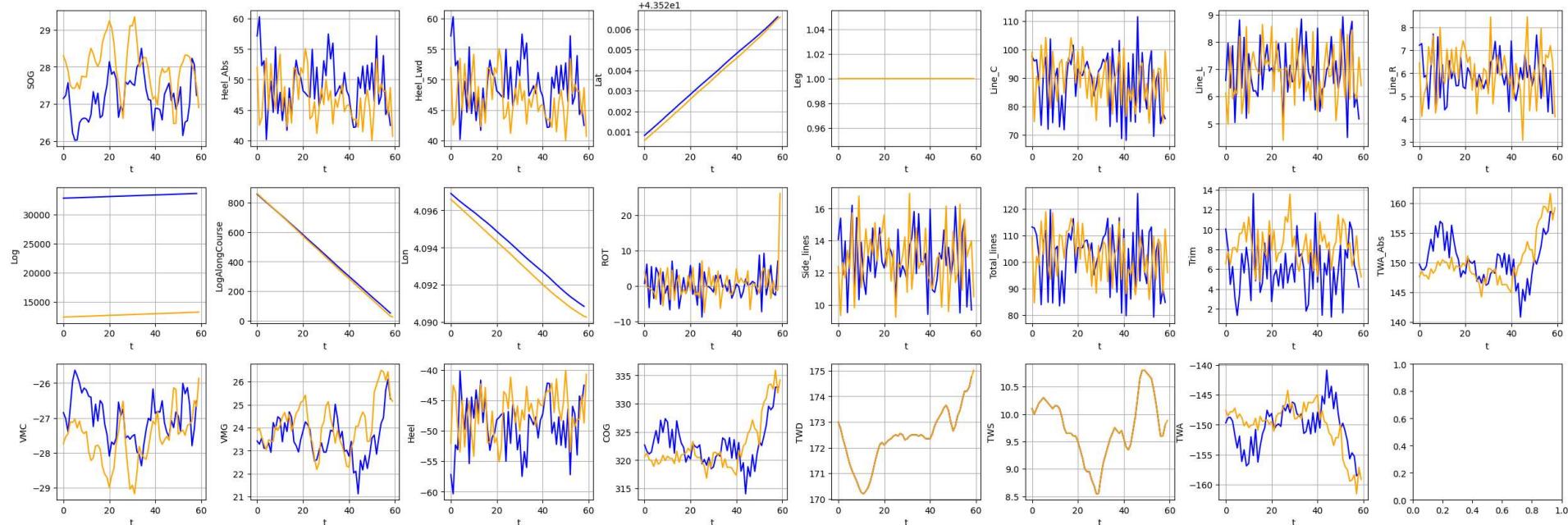
Initial Deficit -6.241808 35.885142 23.190464

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



Karl Maeder SOG SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\06_06\06_06_Run8
Processing only reduced intervals for Karl Maeder vs SenseBoard

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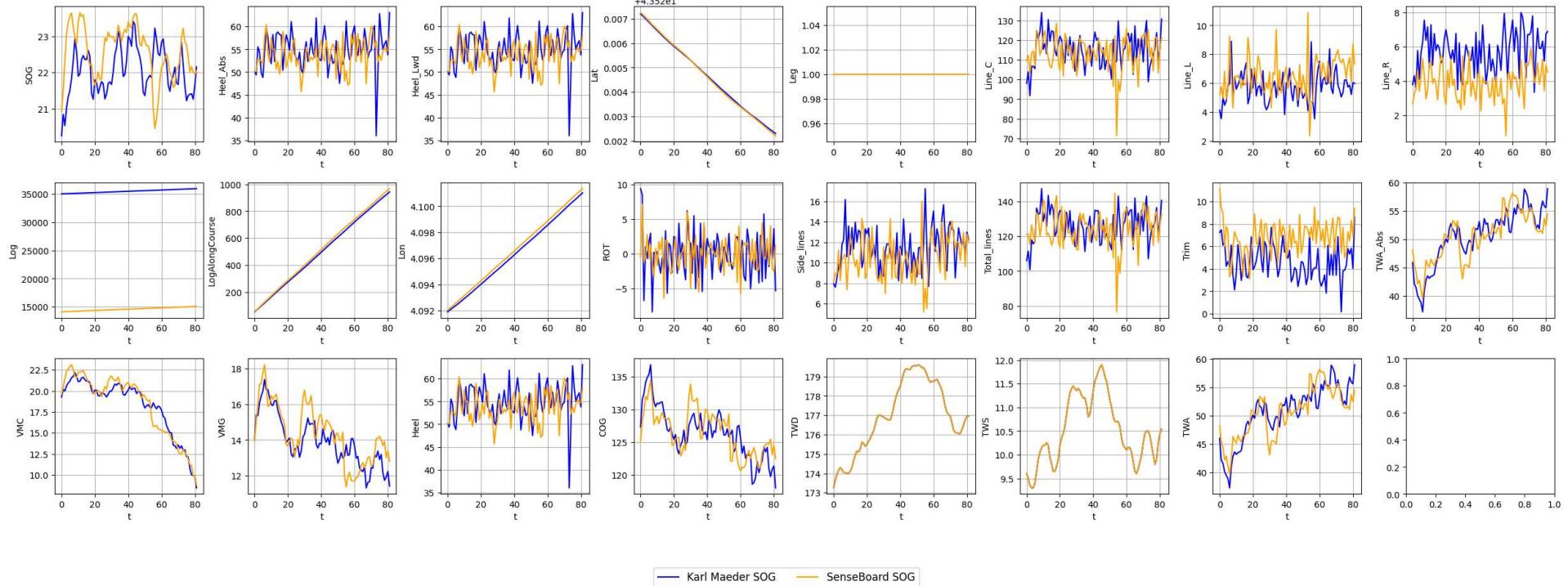
Run Statistics

	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	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	Tie
VMG	13.94	14.37	9.987	9.408	18.15	18.95	819	819	1.484	1.681	SenseBoard	Karl Maeder	Tie
COG	126.4	126.6	113.8	114.2	139.7	137.5	819	819	4.251	3.838	SenseBoard	SenseBoard	
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	Tie
Side_lines	11.49	10.47	3.9	1.7	24	27.5	819	819	3.566	3.893	Karl Maeder	Karl Maeder	Karl Maeder
Line_C	114.7	113.3	66.7	55	156.9	152.8	819	815	14.52	14.08	Karl Maeder	SenseBoard	Tie
Total_lines	126.1	124.1	70.6	58.6	168.6	177	819	819	15.51	15.68	Karl Maeder	Karl Maeder	Karl Maeder

Distance Summary

	Karl Maeder	SenseBoard	
Distance [m]	929.893120	952.504345	
Straight Line [m]	925.865096	948.773460	
Distance as Percentage of Straight Line [%]	100.435055	100.393232	
Gain of Karl Maeder with respect 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 1: Upwind from 2025-06-06 15:05:50 to 2025-06-06 15:07:21: Karl Maeder vs SenseBoard - Parameters over time

=====
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)	Winner (Overall)
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	SenseBoard
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			
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	Tie
Side_lines	12.89	10.89	3.6	2.6	26.5	19.6	612	611	3.393	3.009	Karl Maeder	SenseBoard	Tie
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	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m] 874.094874 879.443641

Straight Line [m] 860.876731 869.285224

Distance as Percentage of Straight Line [%] 101.535428 101.168594

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

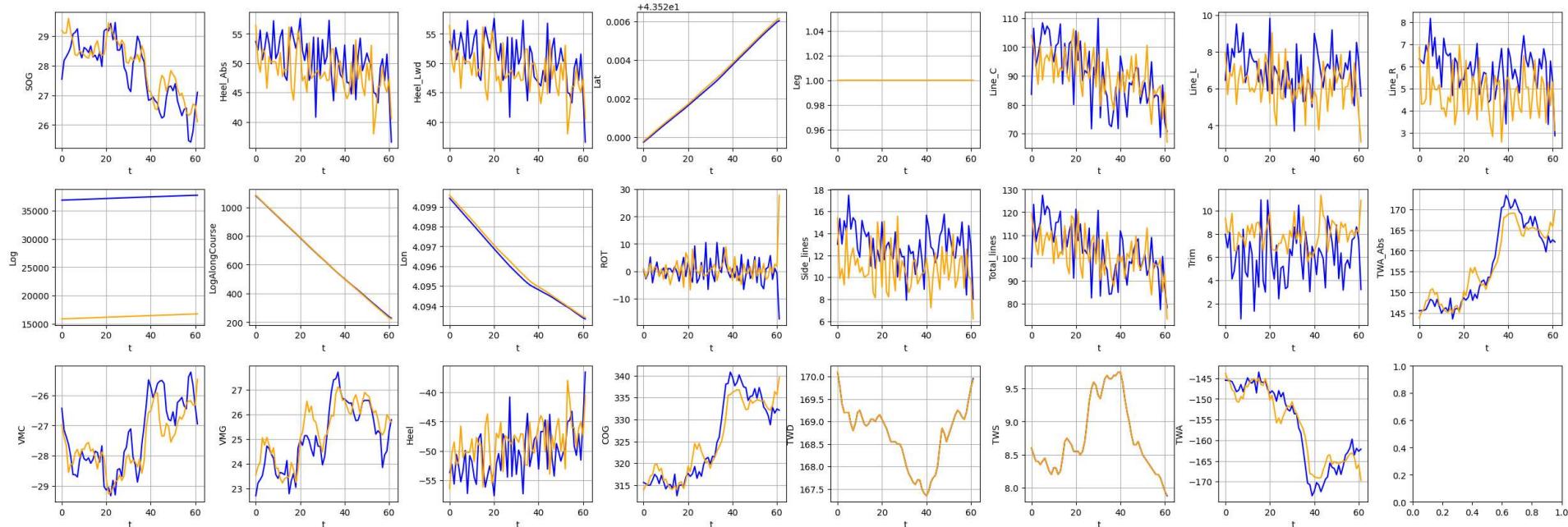
Initial Deficit -2.216076 -13.877196 -3.518170

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



Karl Maeder SOG	SenseBoard SOG
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Processing: ../Data_Sailnjord/Straight_lines\07_06\07_06_Run1

Processing only reduced intervals for Gian Stragiotti vs Karl Maeder

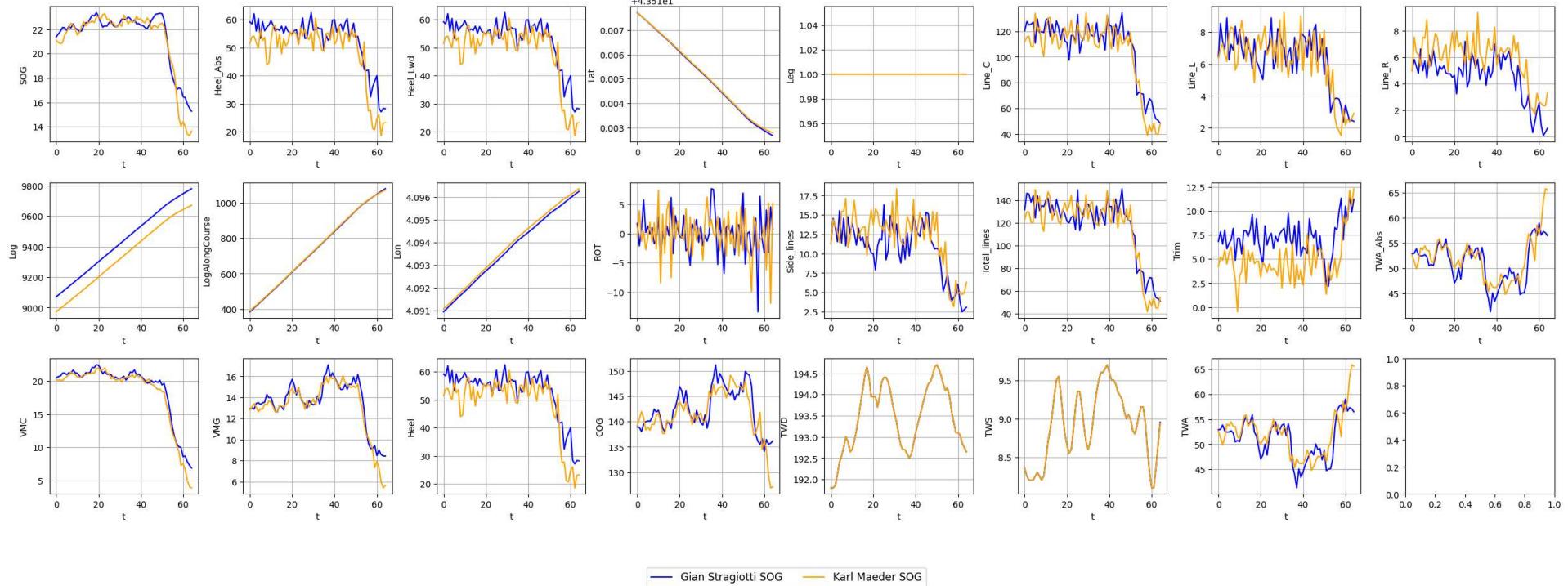
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Interval 1: Upwind from 2025-06-07 11:49:27 to 2025-06-07 11:51:04: Gian Stragiotti vs Karl Maeder
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	Run Statistics												
	Avg (Gian Stragiotti)	Avg (Karl Maeder)	Min (Gian Stragiotti)	Min (Karl 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]	717.597308	706.198428
Straight Line [m]	714.102806	702.714038
Distance as Percentage of Straight Line [%]	100.489356	100.495847
Gain of Gian Stragiotti with respect to Karl Maeder		
Forward	6.105243	-8.207956
Lateral	-2.564499	
VMG		
Initial Deficit	-5.318927	-16.181351
Final Deficit	-11.424170	-7.973395
Total Gain	-13.375040	
Gain per Minute	-10.564241	-7.373215
		-12.368263

Interval 1: Upwind from 2025-06-07 11:49:27 to 2025-06-07 11:51:04: Gian Stragiotti vs Karl Maeder - Parameters over time



— Gian Stragiotti SOG — Karl Maeder SOG

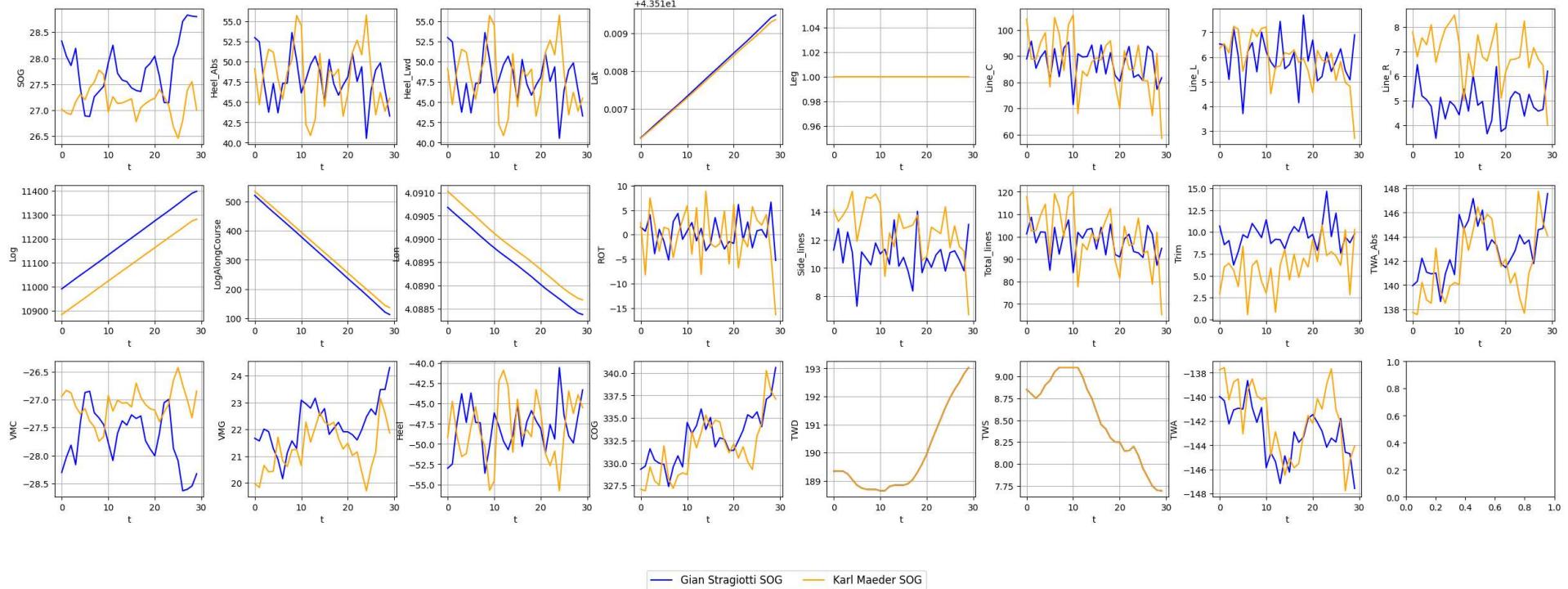
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Interval 2: Downwind from 2025-06-07 11:52:16 to 2025-06-07 11:53:29: Gian Stragiotti vs Karl Maeder
=====

	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)
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]	414.822039	405.313430
Straight Line [m]	413.749315	403.815616
Distance as Percentage of Straight Line [%]	100.259269	100.370915
Gain of Gian Stragiotti with respect to Karl Maeder		
Forward	-13.528043	-24.512831
Lateral	-4.014824	
VMG		
Initial Deficit	-23.552666	-16.442396
Final Deficit	8.849060	
Total Gain	-10.024623	8.070435
Gain per Minute	-20.747754	16.703212
		26.624111

Interval 2: Downwind from 2025-06-07 11:52:16 to 2025-06-07 11:53:29: Gian Stragiotti vs Karl Maeder - Parameters over time



— Gian Stragiotti SOG — Karl Maeder SOG

Processing: ..\Data_Sailnjord\Straight_lines\07_06\07_06_Run10
Processing only reduced intervals for Karl Maeder vs SenseBoard

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Interval 1: Upwind from 2025-06-07 13:26:05 to 2025-06-07 13:27:59: Karl Maeder vs SenseBoard
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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	9.903	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	SenseBoard
VMG	15.87	16.79	12.43	13.35	19.2	20.72	600	600	1.247	1.177	SenseBoard	SenseBoard	SenseBoard
COG	140.6	142	132.2	131.5	150.8	154.6	600	600	3.574	3.998	Karl Maeder	Karl Maeder	Karl Maeder
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	Karl Maeder
Side_lines	124.2	13.91	83.8	5.7	167.9	25.6	600	600	15.55	3.681	Karl Maeder	SenseBoard	Tie
Line_C	6.381	117.2	2.3	72.5	13.3	148.9	600	596	1.953	13.15	SenseBoard	Karl Maeder	Tie
Total_lines	130.5	130.3	87.1	81.2	179.5	170.1	600	600	16.45	14.36	Karl Maeder	SenseBoard	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m] 698.334636 720.414552

Straight Line [m] 695.886046 717.655163

Distance as Percentage of Straight Line [%] 100.351866 100.384501

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

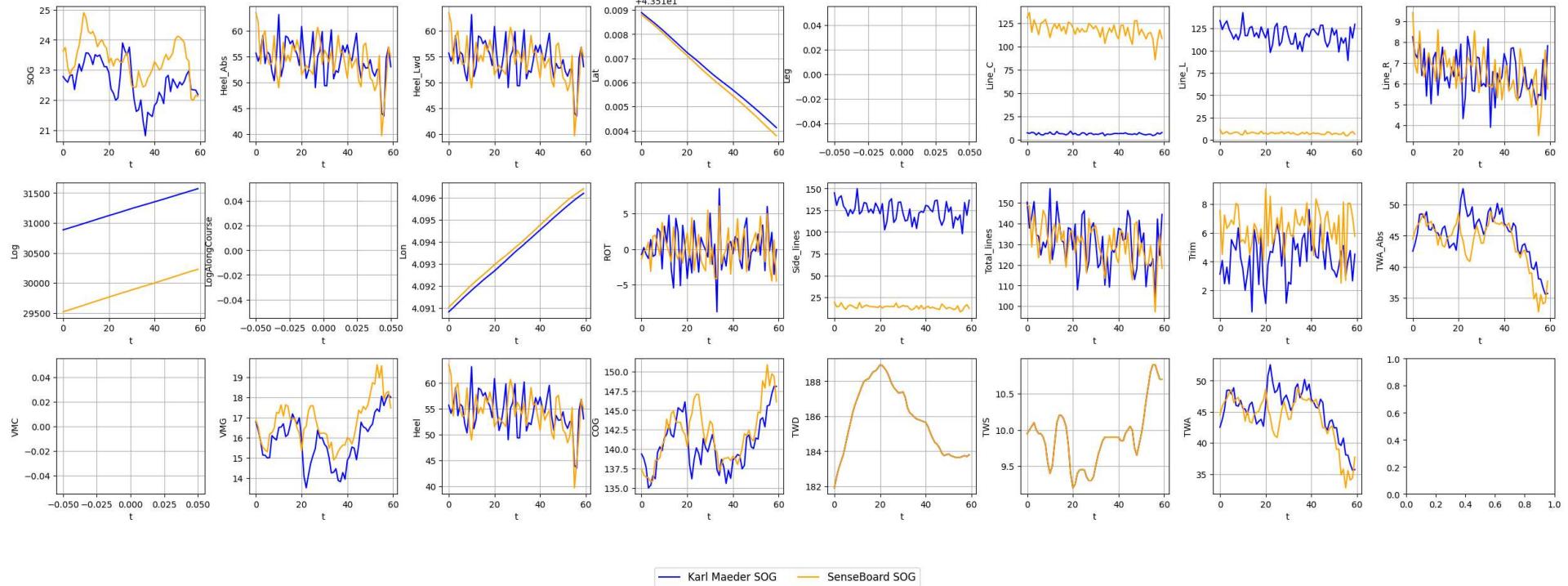
Initial Deficit 18.076173 -6.202092 8.315830

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

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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)	Winner (Overall)
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	Tie
VMG	23.63	24.37	22.39	23.38	24.74	25.78	33	33	0.5073	0.6737	SenseBoard	Karl Maeder	Tie
COG	330.7	332.4	327.2	329.6	335.5	334.9	33	33	1.737	1.5			SenseBoard
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	Tie
Side_lines	99.87	10.85	83.3	4.4	121.6	17.1	33	33	9.552	3.076	Karl Maeder	SenseBoard	Tie
Line_C	6.711	91.78	1.9	84	12.3	111.5	33	33	2.223	6.072	SenseBoard	Karl Maeder	Tie
Total_lines	107.9	102.8	96.3	88.7	127.1	127.7	33	33	8.727	8.108	Karl Maeder	SenseBoard	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m]	47.694698	48.086267
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Straight Line [m]	47.653877	48.041186
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Distance as Percentage of Straight Line [%]	100.085662	100.093836
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Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

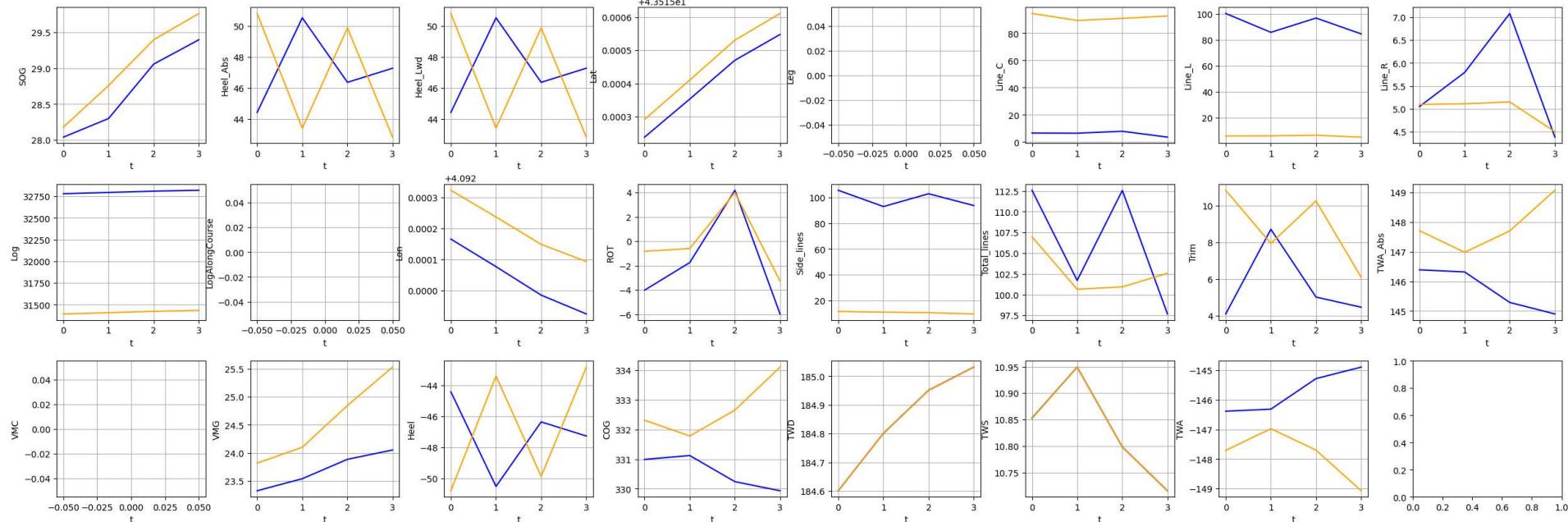
Initial Deficit	-0.938160	-13.821315	-6.972173
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Final Deficit	-0.569522	-15.416618	-8.171841
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Total Gain	0.368638	-1.595303	-1.199668
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Gain per Minute	6.946697	-30.062249	-22.606806
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Interval 2: Downwind from 2025-06-07 13:29:27 to 2025-06-07 13:30:03: Karl Maeder vs SenseBoard - Parameters over time



— Karl Maeder SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\07_06\07_06_Run2

Processing only reduced intervals for Gian Stragiotti vs Karl Maeder

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Interval 1: Upwind from 2025-06-07 11:58:23 to 2025-06-07 11:59:48: Gian Stragiotti vs Karl Maeder
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MainReport

	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] 568.644557 561.402243

Straight Line [m] 566.959774 559.880773

Distance as Percentage of Straight Line [%] 100.297161 100.271749

Gain of Gian Stragiotti with respect to Karl Maeder

Forward Lateral VMG

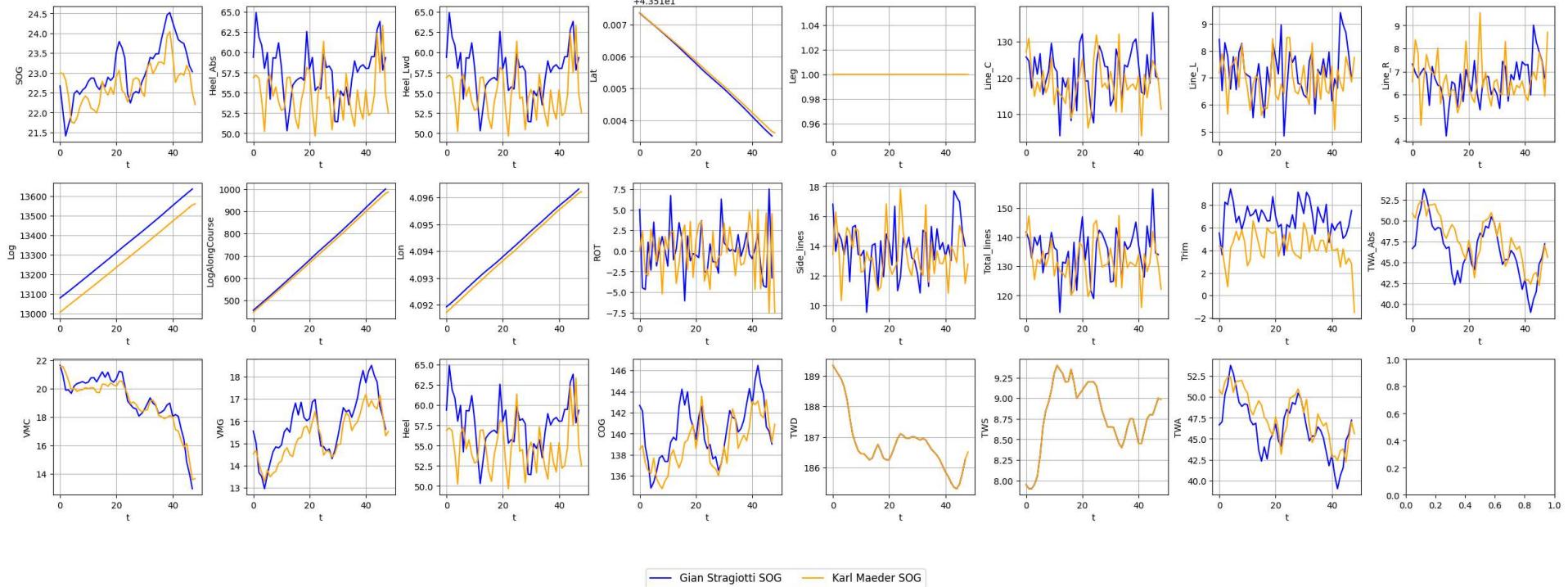
Initial Deficit -11.838622 12.552696 0.927871

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 1: Upwind from 2025-06-07 11:58:23 to 2025-06-07 11:59:48: Gian Stragiotti vs Karl Maeder - Parameters over time



— Gian Stragiotti SOG — Karl Maeder SOG

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Interval 2: Downwind from 2025-06-07 12:01:23 to 2025-06-07 12:02:35: Gian Stragiotti vs Karl Maeder
=====

MainReport

	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] 496.208855 481.720213

Straight Line [m] 494.491431 479.955577

Distance as Percentage of Straight Line [%] 100.347311 100.367667

Gain of Gian Stragiotti with respect to Karl Maeder

Forward Lateral VMG

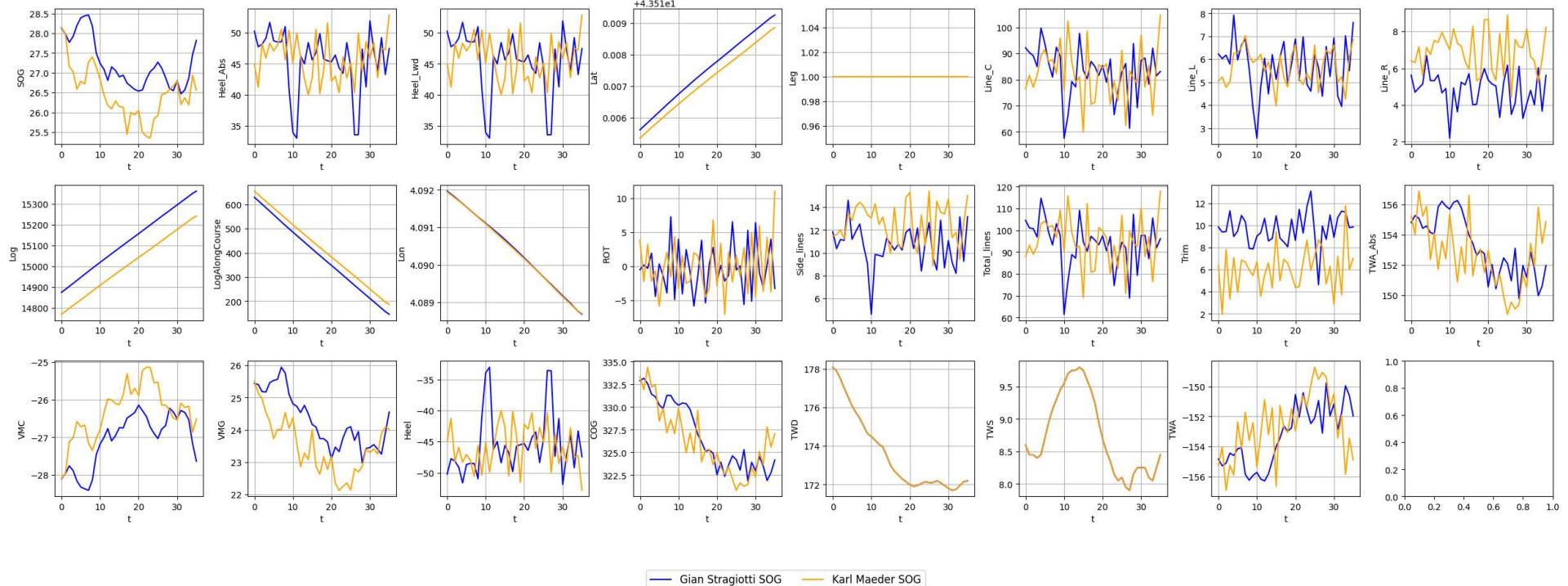
Initial Deficit -23.771297 17.900735 29.279414

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 2: Downwind from 2025-06-07 12:01:23 to 2025-06-07 12:02:35: Gian Stragiotti vs Karl Maeder - Parameters over time



— Gian Stragiotti SOG — Karl Maeder SOG

Processing: ..\Data_Sailnjord\Straight_lines\07_06\07_06_Run3
Processing only reduced intervals for Gian Stragiotti vs SenseBoard

=====
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)	Winner (Overall)
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	Tie
VMG	15.7	15.24	11.22	10.71	18.36	18.24	525	526	1.371	1.693	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
COG	135.8	135	123.3	123.9	143.9	145	525	526	3.84	4.282		Gian Stragiotti	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	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	Gian Stragiotti
Total_lines	136.4	nan	103	nan	163.6	nan	525	nan	10.62	nan			

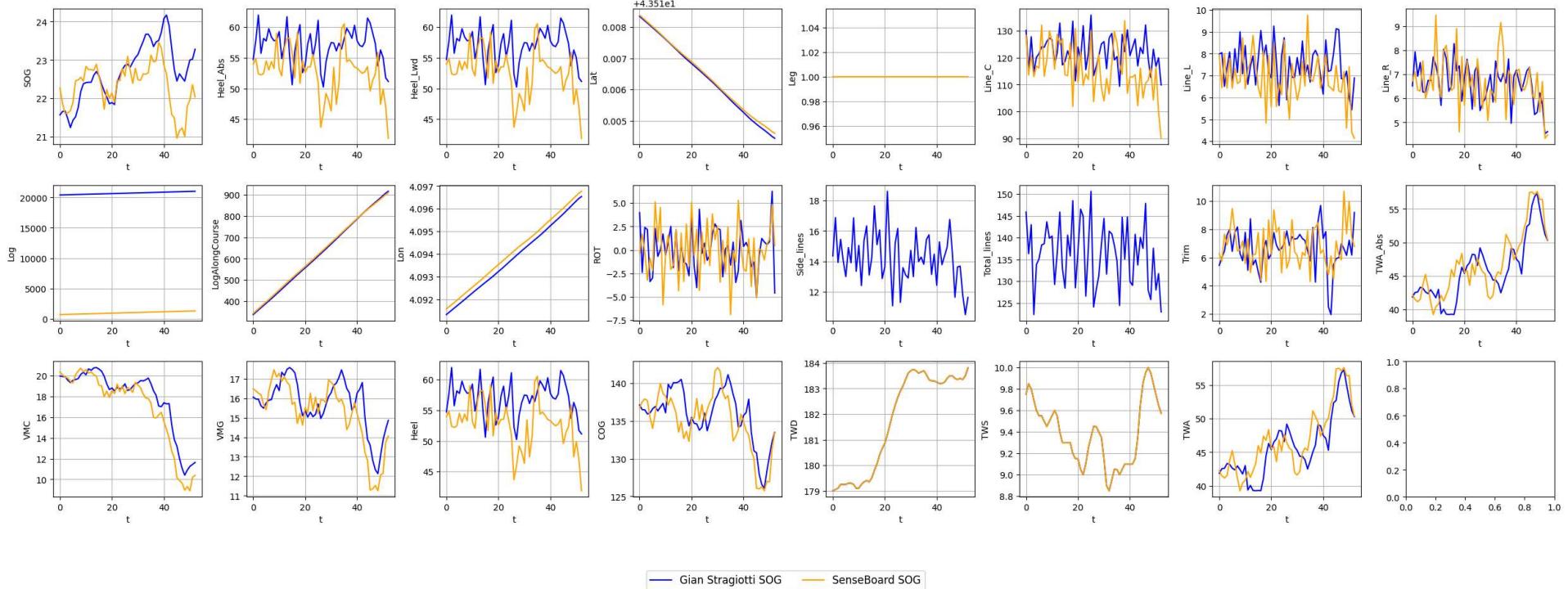
Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	613.151931	603.752181
Straight Line [m]	610.703396	600.907169
Distance as Percentage of Straight Line [%]	100.400937	100.473453

Gain of Gian Stragiotti with respect 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
Gain per Minute	-11.303788	-9.691750	-14.825850

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



— Gian Stragiotti SOG — SenseBoard SOG

=====
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)	Winner (Overall)
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	Tie
VMG	23.09	22.47	18.04	18.01	26.21	25.43	417	418	1.896	1.783	Gian Stragiotti	SenseBoard	Tie
COG	322.8	322.3	306.5	311.8	335.1	332.1	417	418	5.752	4.314		SenseBoard	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	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	Tie
Total_lines	95.65	nan	23.3	nan	133.3	nan	417	nan	17.41	nan			

Distance Summary

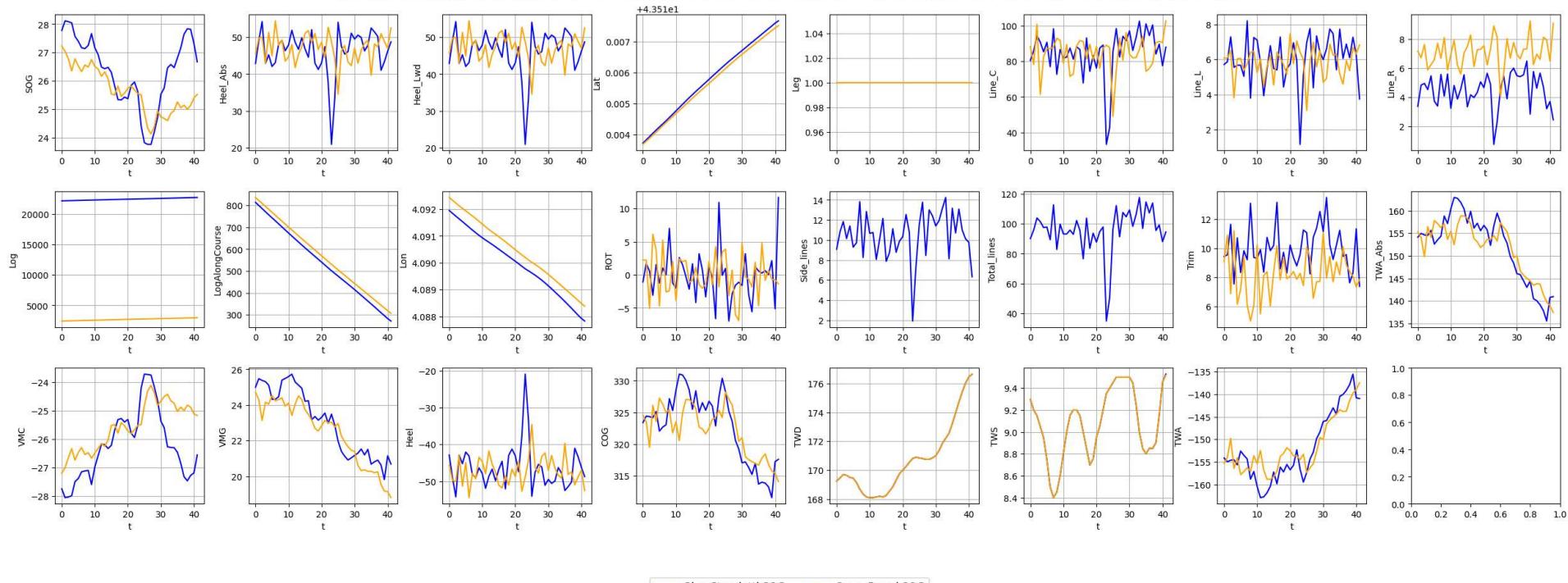
Gian Stragiotti SenseBoard

Distance [m]	564.080577	549.874998
Straight Line [m]	560.633107	547.748651
Distance as Percentage of Straight Line [%]	100.614924	100.388198

Gain of Gian Stragiotti with respect 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 2: Downwind from 2025-06-07 12:17:39 to 2025-06-07 12:18:41: Gian Stragiotti vs SenseBoard - Parameters over time



Processing: ../Data_Sailnjord/Straight_lines\07_06\07_06_Run4

Processing only reduced intervals for Gian Stragiotti vs SenseBoard

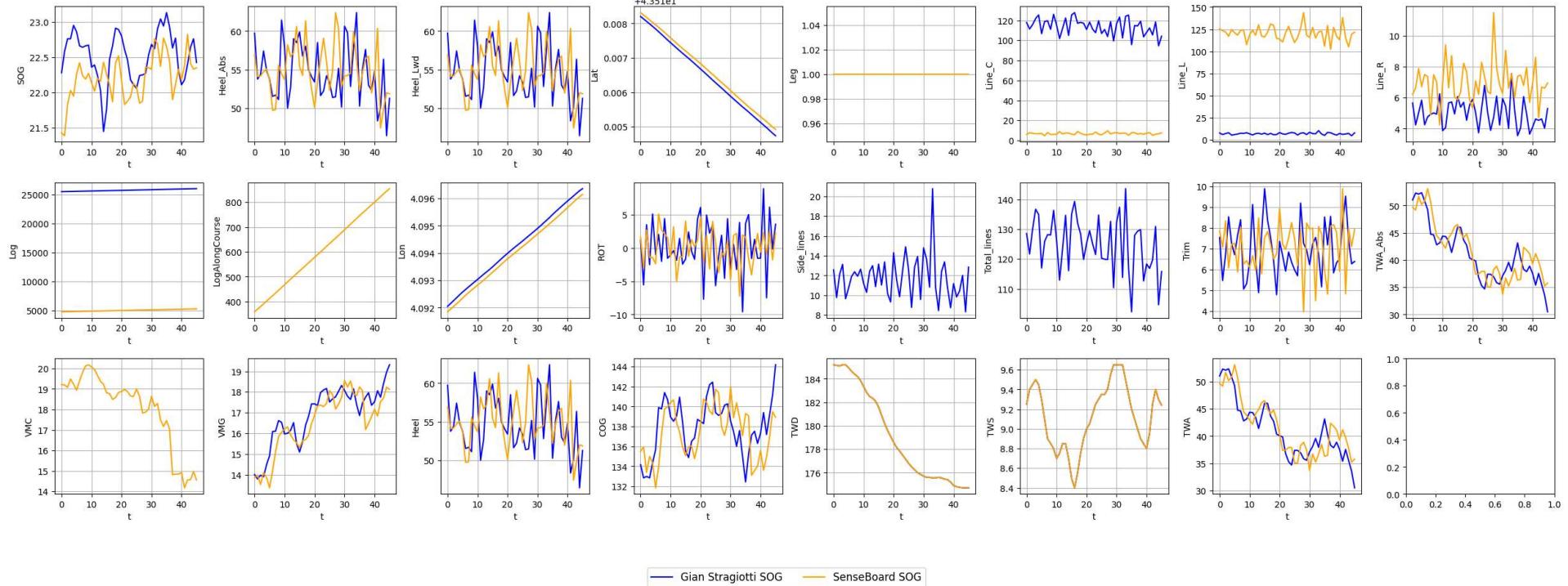
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Interval 1: Upwind from 2025-06-07 12:26:28 to 2025-06-07 12:27:45: Gian Stragiotti vs SenseBoard
=====
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	Run Statistics												
	Avg (Gian Stragiotti)	Avg (SenseBoard)	Min (Gian Stragiotti)	Min (SenseBoard)	Max (Gian Stragiotti)	Max (SenseBoard)	Count (Gian Stragiotti)	Count (SenseBoard)	StdDev (Gian Stragiotti)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Winner (Overall)
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	Tie
VMG	16.87	16.5	12.62	12.47	19.9	19.41	458	458	1.458	1.515	Gian Stragiotti	Gian Stragiotti	Gian Stragiotti
COG	137.9	137.3	128.3	129	146.2	146.3	458	458	3.241	3.047		SenseBoard	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	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	Tie
Total_lines	125	nan	80.5	nan	160	nan	458	nan	13.52	nan			

Distance Summary

	Gian Stragiotti	SenseBoard	
Distance [m]	530.359715	523.546888	
Straight Line [m]	528.555860	521.771815	
Distance as Percentage of Straight Line [%]	100.341280	100.340201	
Gain of Gian Stragiotti with respect to SenseBoard			
Forward	Forward	Lateral	
Initial Deficit	-19.865243	3.443142	-12.688330
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 1: Upwind from 2025-06-07 12:26:28 to 2025-06-07 12:27:45: Gian Stragiotti vs SenseBoard - Parameters over time

=====
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)	Winner (Overall)
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	SenseBoard
VMG	20.65	20.92	17.76	19.15	23	21.94	55	55	1.868	0.5743	SenseBoard	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	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	Tie
Total_lines	46.5	nan	14.1	nan	84.5	nan	55	nan	22.94	nan			

Distance Summary

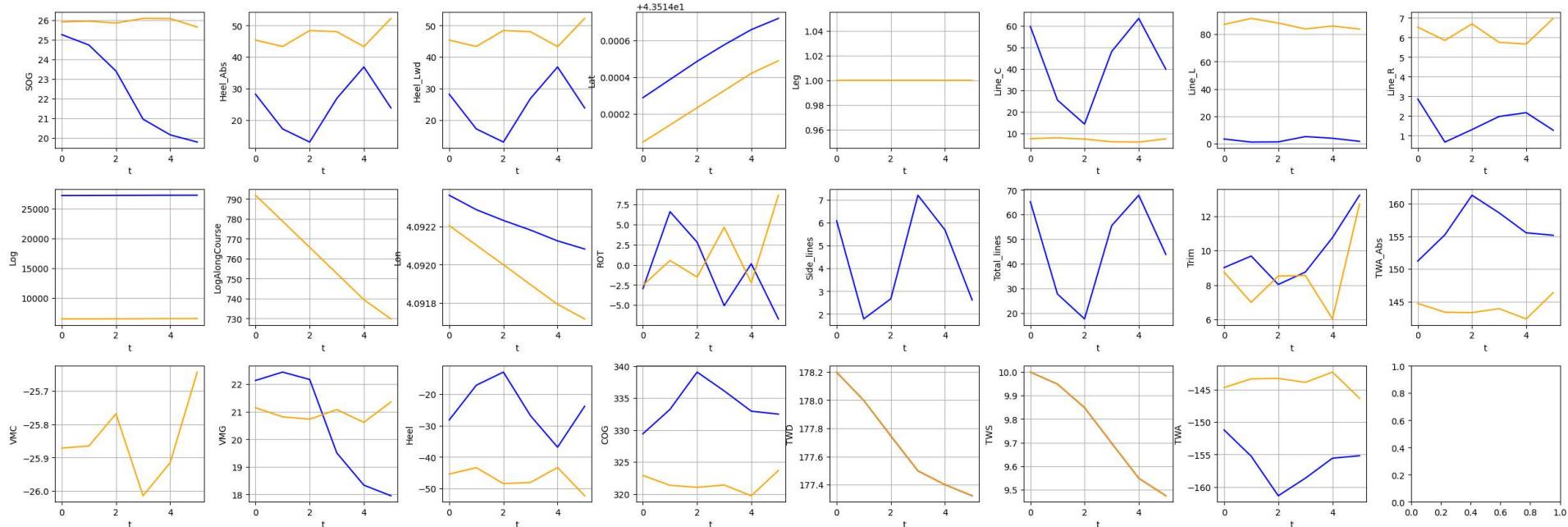
Gian Stragiotti SenseBoard

Distance [m]	61.095039	72.066094
Straight Line [m]	60.844376	71.912960
Distance as Percentage of Straight Line [%]	100.411976	100.212944

Gain of Gian Stragiotti with respect 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 2: Downwind from 2025-06-07 12:29:32 to 2025-06-07 12:30:05: Gian Stragiotti vs SenseBoard - Parameters over time



Gian Stragiotti SOG SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\07_06\07_06_Run5
Processing only reduced intervals for Gian Stragiotti vs SenseBoard

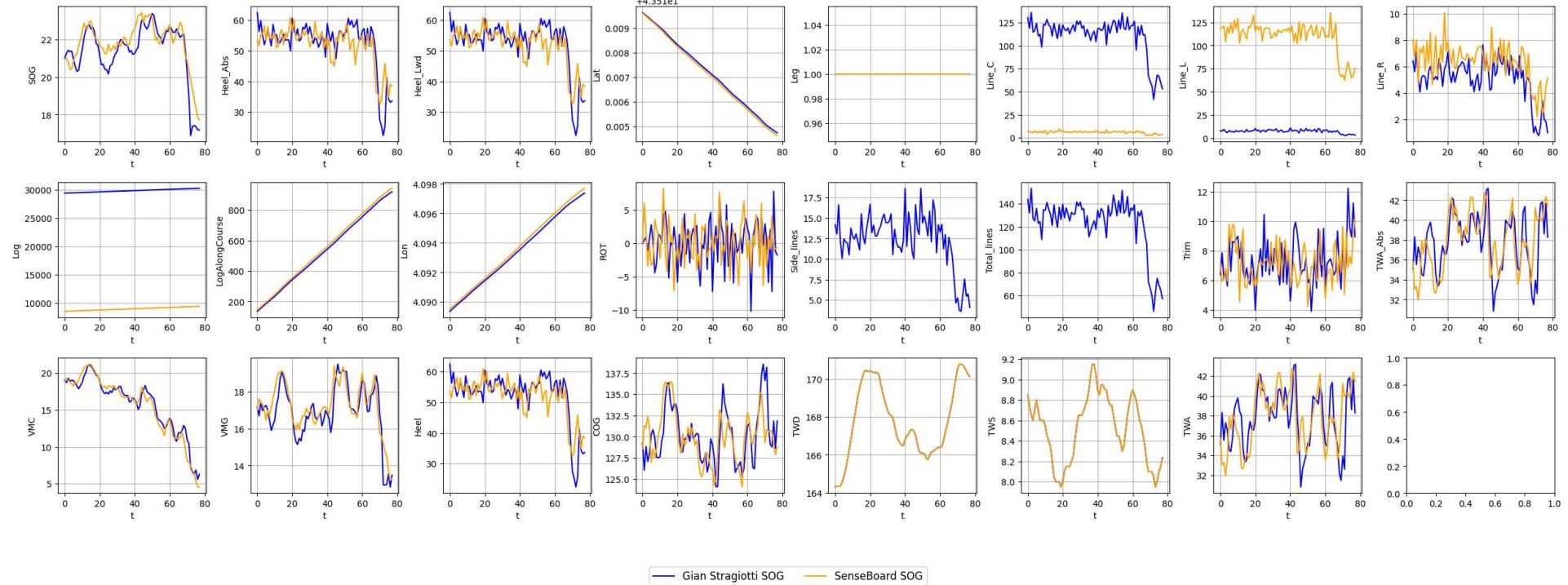
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Interval 1: Upwind from 2025-06-07 12:35:42 to 2025-06-07 12:37:17: Gian Stragiotti vs SenseBoard
=====

	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)	Winner (Overall)
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	SenseBoard
VMG	16.95	17.23	11.94	12.68	20.04	20.05	777	776	1.553	1.35	SenseBoard	SenseBoard	SenseBoard
COG	130.1	130	121.5	120.8	141.5	139.8	777	776	3.75	3.393		SenseBoard	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	Tie
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	Tie
Total_lines	123.2	nan	42.9	nan	166.5	nan	777	nan	24.92	nan			

Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	856.660708	871.243064
Straight Line [m]	853.118063	868.089350
Distance as Percentage of Straight Line [%]	100.415258	100.363294
Gain of Gian Stragiotti with respect to SenseBoard		
Forward	12.523092	-6.435219
Lateral	5.974900	
VMG		
Initial Deficit	27.487800	-7.881945
Final Deficit	14.964708	-1.446726
Total Gain	10.957046	
Gain per Minute	11.571098	-1.118646
	8.472271	

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



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)	Winner (Overall)
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	SenseBoard
VMG	22.55	22.46	21.17	20.69	24.16	23.55	96	96	0.6025	0.614	Gian Stragiotti	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	Tie
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	Tie
Total_lines	84.31	nan	53.1	nan	133.1	nan	96	nan	19.31	nan			

Distance Summary

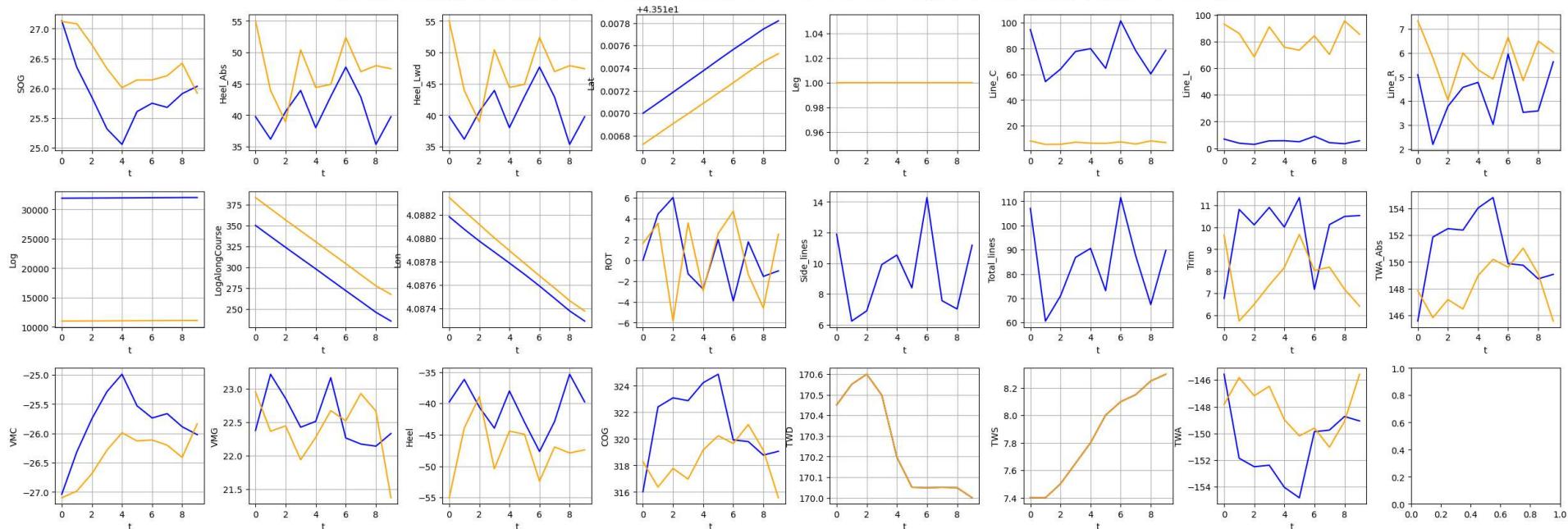
Gian Stragiotti SenseBoard

Distance [m]	126.036434	128.825180
Straight Line [m]	125.650236	128.515116
Distance as Percentage of Straight Line [%]	100.307360	100.241267

Gain of Gian Stragiotti with respect 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 2: Downwind from 2025-06-07 12:39:01 to 2025-06-07 12:40:09: Gian Stragiotti vs SenseBoard - Parameters over time



— Gian Stragiotti SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\07_06\07_06_Run6
Processing only reduced intervals for Gian Stragiotti vs SenseBoard

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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)	Winner (Overall)
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	Tie
VMG	14.58	14.41	11.22	10.14	17.67	17.61	531	532	1.138	1.236	Gian Stragiotti	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	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	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	Tie
Total_lines	130.1	nan	93.1	nan	179.6	nan	531	nan	15	nan			

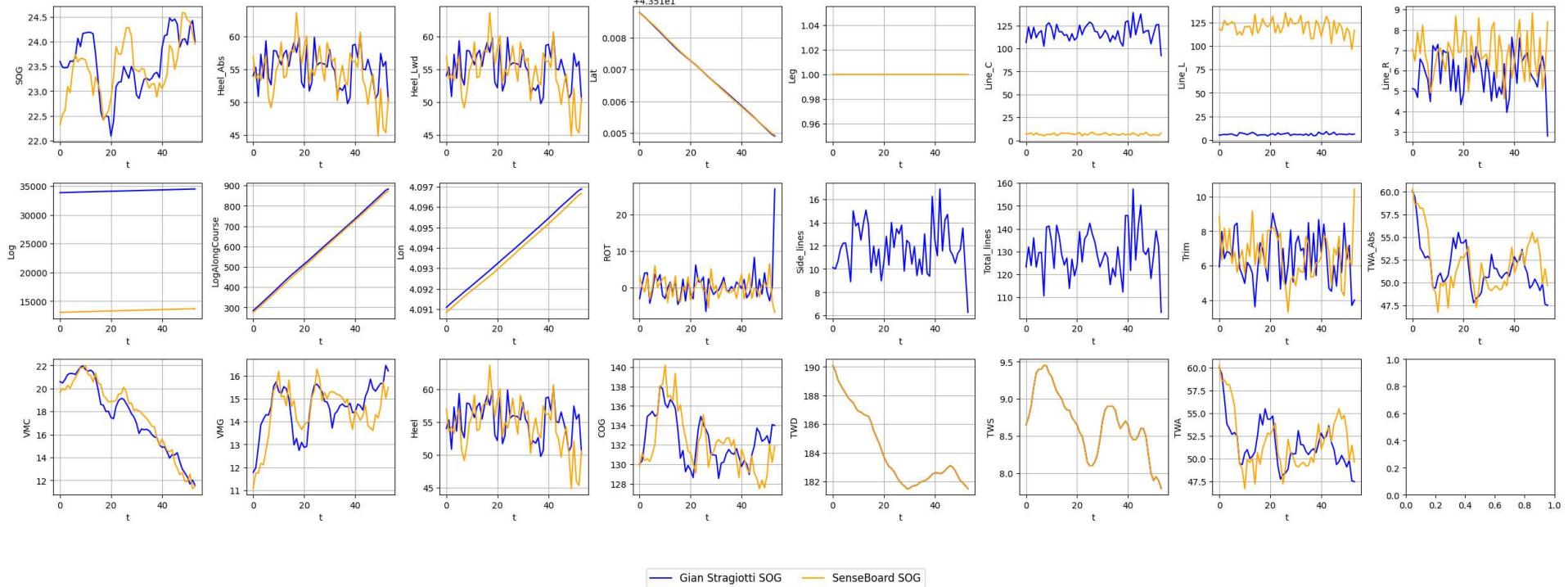
Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	642.977690	642.037090
Straight Line [m]	641.234842	639.939757
Distance as Percentage of Straight Line [%]	100.271796	100.327739

Gain of Gian Stragiotti with respect 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 1: Upwind from 2025-06-07 12:46:26 to 2025-06-07 12:47:53: Gian Stragiotti vs SenseBoard - Parameters over time

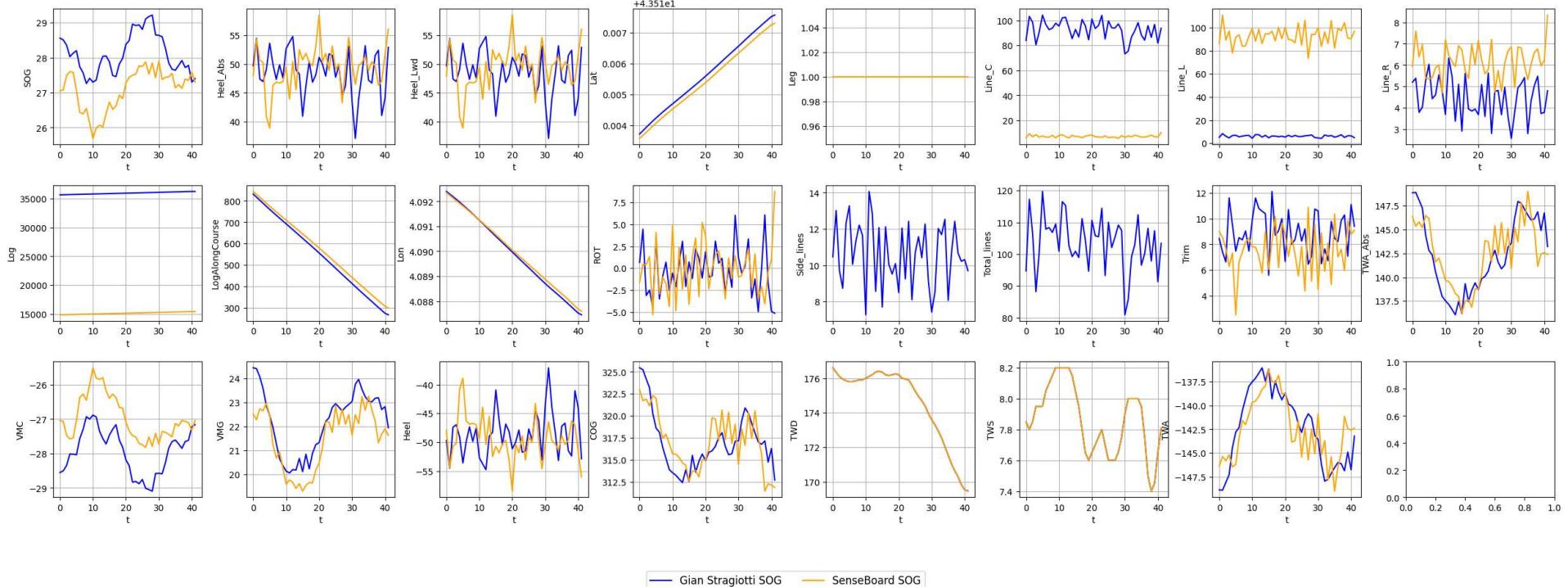


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Interval 2: Downwind from 2025-06-07 12:49:36 to 2025-06-07 12:50:41: Gian Stragiotti vs SenseBoard
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MainReport

	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)	Winner (Overall)
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	Gian Stragiotti
VMG	22.21	21.47	19.29	18.35	25.1	23.84	411	412	1.375	1.341	Gian Stragiotti	SenseBoard	Tie
COG	317	317.2	309.7	308.1	327.4	325.8	411	412	3.501	3.572		Gian Stragiotti	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	Tie
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	Tie
Total_lines	103.7	nan	73.5	nan	131.1	nan	411	nan	11.01	nan			
Distance Summary													
			Gian Stragiotti	SenseBoard									
	Distance [m]	593.282891	572.789218										
	Straight Line [m]	591.568012	571.113701										
	Distance as Percentage of Straight Line [%]	100.289887	100.293377										
Gain of Gian Stragiotti with respect 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 2: Downwind from 2025-06-07 12:49:36 to 2025-06-07 12:50:41: Gian Stragiotti vs SenseBoard - Parameters over time



— Gian Stragiotti SOG — SenseBoard SOG

Processing: ..\Data_Sailnjord\Straight_lines\07_06\07_06_Run7
Processing only reduced intervals for Karl Maeder vs SenseBoard

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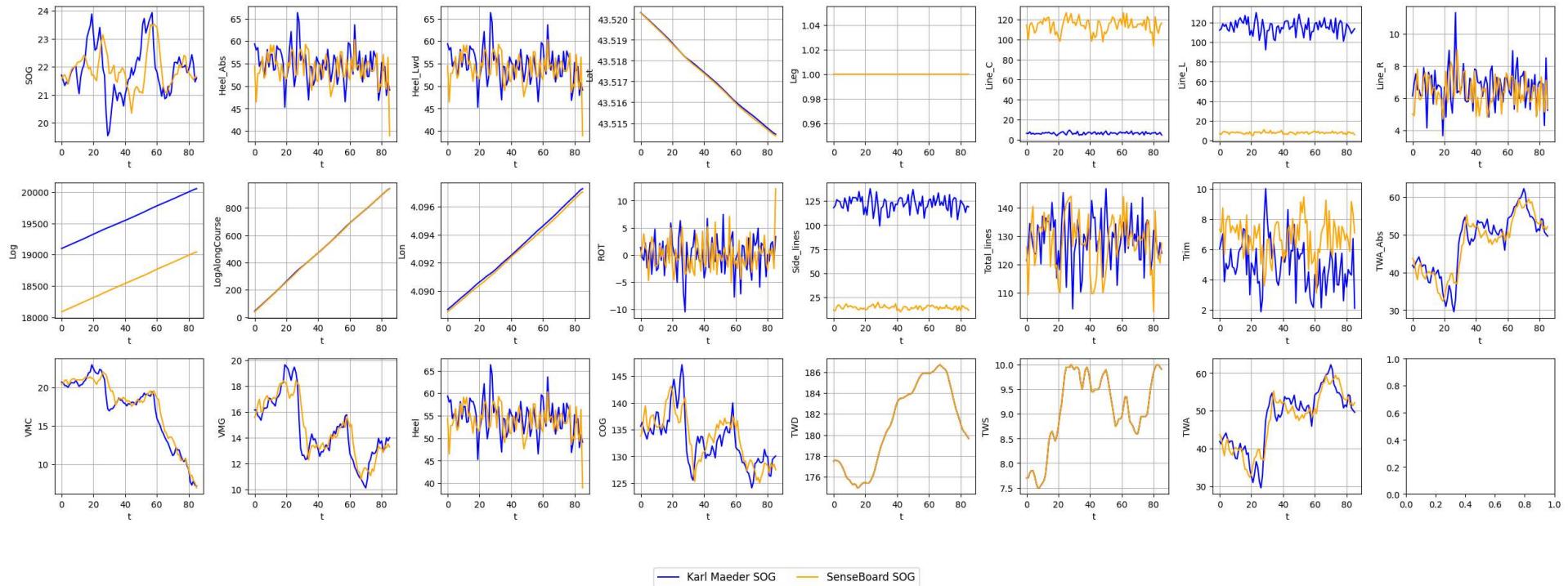
Run Statistics

	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	9.077	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	Tie
Side_lines	122	14.18	78.9	6.5	170.3	25.4	852	852	12.23	3.348	Karl Maeder	SenseBoard	Tie
Line_C	6.655	113.7	2.9	83	13.5	144.1	852	849	1.862	10.98	SenseBoard	Karl Maeder	Tie
Total_lines	129	127.9	85.1	92.6	175.7	168.1	852	852	12.77	12.44	Karl Maeder	SenseBoard	Tie

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	961.646661	961.647074
Straight Line [m]	956.020219	956.350896
Distance as Percentage of Straight Line [%]	100.588528	100.553790
Gain of Karl Maeder with respect to SenseBoard		
Forward	Initial Deficit	Final Deficit
10.266761	-8.271723	-7.972638
2.094393	0.299084	0.210870
	Total Gain	Gain per Minute
	8.599892	6.063378
	6.590907	4.646938

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

=====
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)	Winner (Overall)
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	Karl Maeder
VMG	20.05	20.4	16.83	17.26	22.93	23.29	254	253	1.418	1.347	SenseBoard	SenseBoard	SenseBoard
COG	317	319.2	308.7	311.8	325.4	325.5	254	253	3.563	2.439			SenseBoard
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	Karl Maeder
Side_lines	93.55	9.765	60.1	3.4	133.5	16.3	254	253	15.17	2.229	Karl Maeder	SenseBoard	Tie
Line_C	7.019	81.17	2.4	57.2	12.4	106.4	254	252	1.901	11.08	SenseBoard	Karl Maeder	Tie
Total_lines	100.2	90.89	64.4	64.2	145.9	120	254	253	15.9	11.6	Karl Maeder	SenseBoard	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m] 348.076864 340.899794

Straight Line [m] 346.917339 340.056796

Distance as Percentage of Straight Line [%] 100.334237 100.247899

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

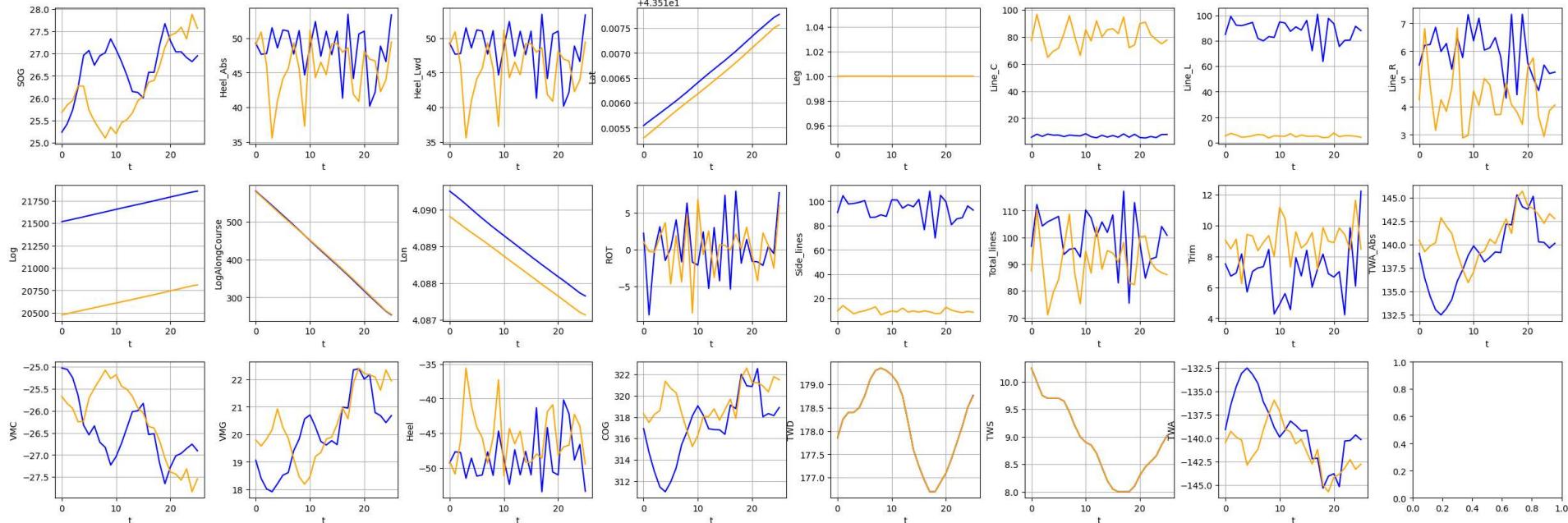
Initial Deficit 17.374595 59.757569 26.193719

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



— Karl Maeder SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\07_06\07_06_Run8
Processing only reduced intervals for Karl Maeder vs SenseBoard

=====
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)	Winner (Overall)
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	Tie
VMG	16.78	16.97	14.62	14.29	18.53	19.5	721	721	0.7008	0.8823	SenseBoard	Karl Maeder	Tie
COG	140.3	140.8	131.4	131.8	147.2	148.4	721	721	2.736	2.957		Karl Maeder	Karl Maeder
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	Karl Maeder
Side_lines	124.2	11.94	80.2	3.2	167.3	23.1	721	721	14.15	3.467	Karl Maeder	SenseBoard	Tie
Line_C	6.381	113.1	2.5	47.6	12.6	150.3	721	719	1.802	15.54	SenseBoard	Karl Maeder	Tie
Total_lines	130.5	125.2	82.7	53	173.2	168.4	721	721	14.83	17.4	Karl Maeder	Karl Maeder	Karl Maeder

Distance Summary

Karl Maeder SenseBoard

Distance [m] 838.776913 840.560577

Straight Line [m] 836.621889 838.310487

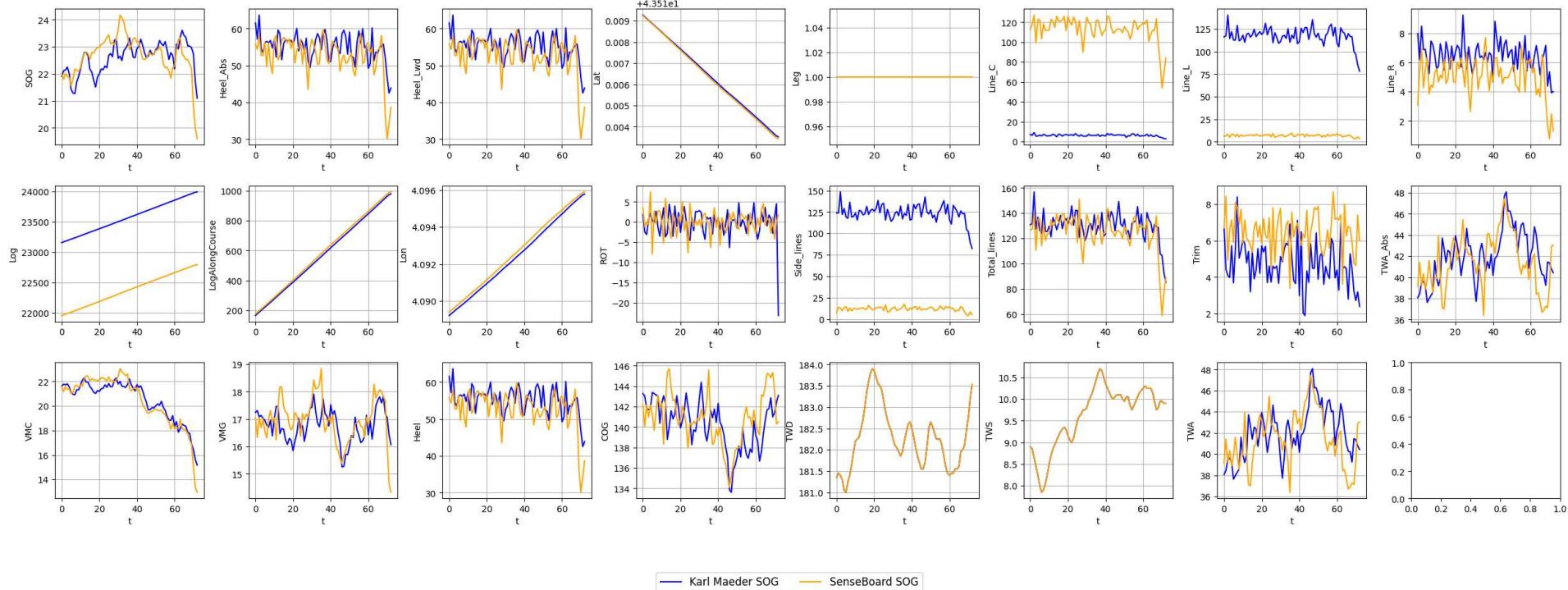
Distance as Percentage of Straight Line [%] 100.257586 100.268408

Gain of Karl Maeder with respect 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 1: Upwind from 2025-06-07 13:08:49 to 2025-06-07 13:10:12: Karl Maeder vs SenseBoard - Parameters over time

=====
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)	Winner (Overall)
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	Tie
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
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	Tie
Line_C	7.043	79.2	2.8	43.2	11.9	109.3	538	536	1.919	10.79	SenseBoard	Karl Maeder	Tie
Total_lines	99.56	88.35	57.6	45.4	163.4	123.6	538	538	17.2	11.94	Karl Maeder	SenseBoard	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m] 761.123353 769.609758

Straight Line [m] 759.112617 767.528866

Distance as Percentage of Straight Line [%] 100.264880 100.271116

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

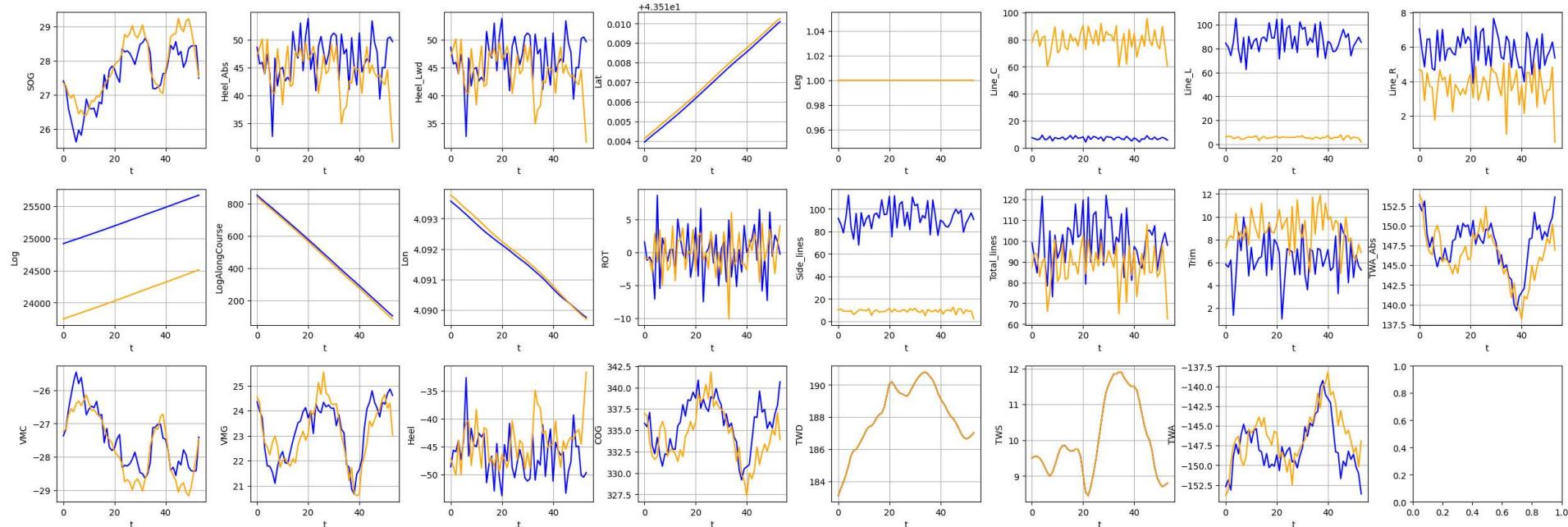
Initial Deficit 10.987984 -22.083650 -21.108328

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



— Karl Maeder SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\07_06\07_06_Run9
Processing only reduced intervals for Karl Maeder vs SenseBoard

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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)	Winner (Overall)
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			
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	Tie
Side_lines	118.2	12.18	53	2.8	159.5	27.2	898	899	21.52	4.176	Karl Maeder	SenseBoard	Tie
Line_C	5.98	113.5	2.1	47.7	12.7	156.1	898	897	1.968	18.06	SenseBoard	Karl Maeder	Tie
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] 1018.723094 1023.316006

Straight Line [m] 1014.342248 1019.936498

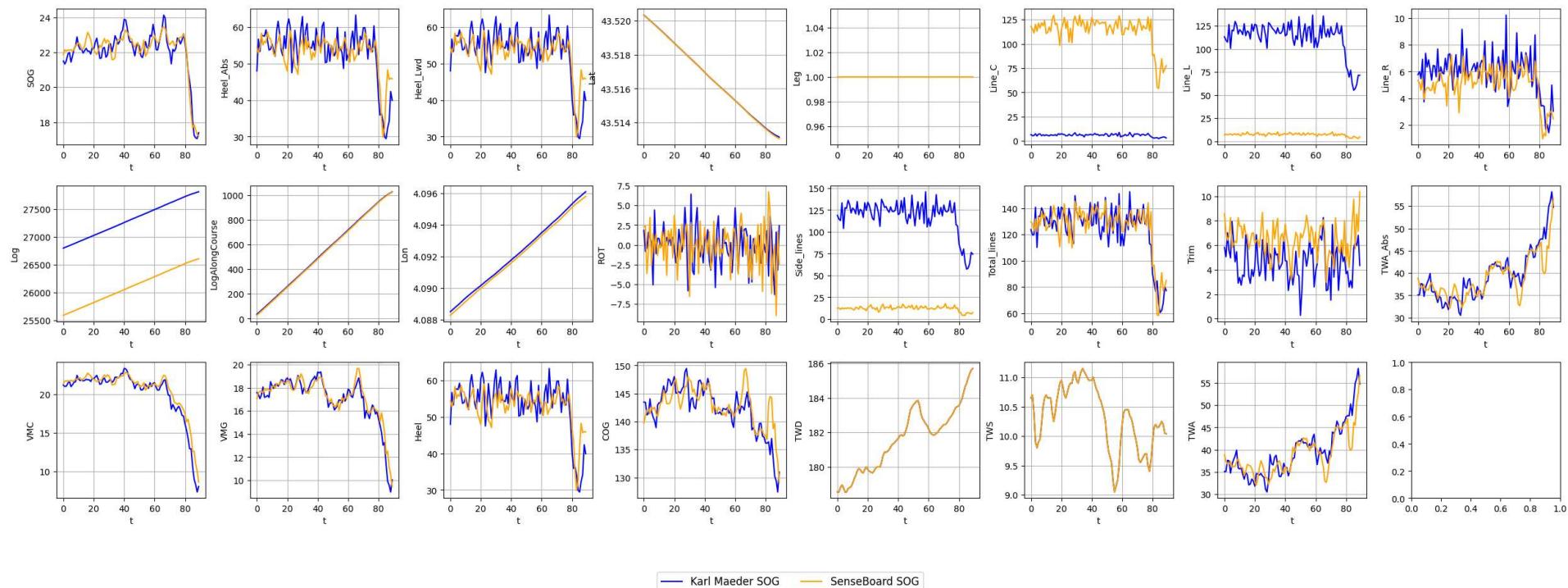
Distance as Percentage of Straight Line [%] 100.431890 100.331345

Gain of Karl Maeder with respect 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

MainReport

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



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Interval 2: Downwind from 2025-06-07 13:19:39 to 2025-06-07 13:20:50: Karl Maeder vs SenseBoard
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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	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	Tie
VMG	24	23.84	20.29	21.36	26.5	26.27	500	501	1.096	0.9504	Karl Maeder	SenseBoard	Tie
COG	332.8	331.9	323.8	324.1	343	339.5	500	501	3.166	2.735			SenseBoard
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	Tie
Side_lines	95.51	9.875	66.6	2.9	135.8	19.9	500	501	12.3	2.909	Karl Maeder	SenseBoard	Tie
Line_C	7.256	84.82	2.7	47.8	12.2	115	500	499	1.85	11	SenseBoard	Karl Maeder	Tie
Total_lines	102.7	94.87	69.5	51.6	146.5	130.1	500	501	13.04	11.97	Karl Maeder	SenseBoard	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m] 725.928414 728.600902

Straight Line [m] 724.213833 727.183863

Distance as Percentage of Straight Line [%] 100.236751 100.194867

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

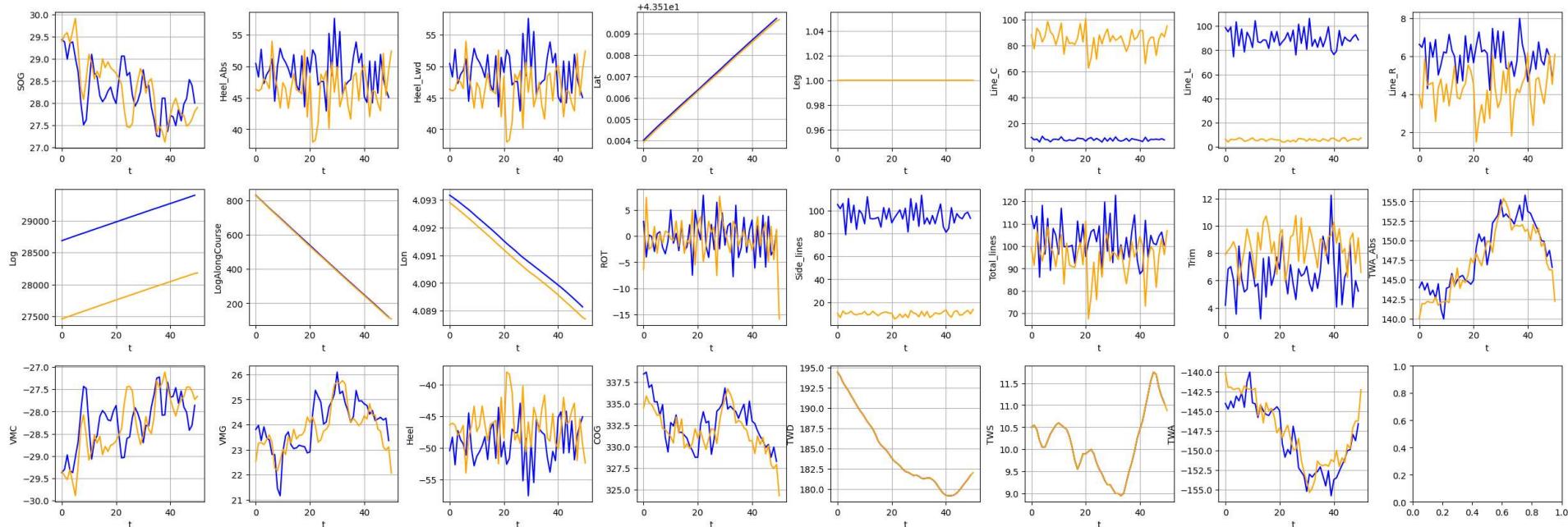
Initial Deficit 0.856324 23.161583 11.399078

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



Karl Maeder SOG SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\09_06\09_06_Run1

Processing only reduced intervals for Gian Stragiotti vs Karl Maeder

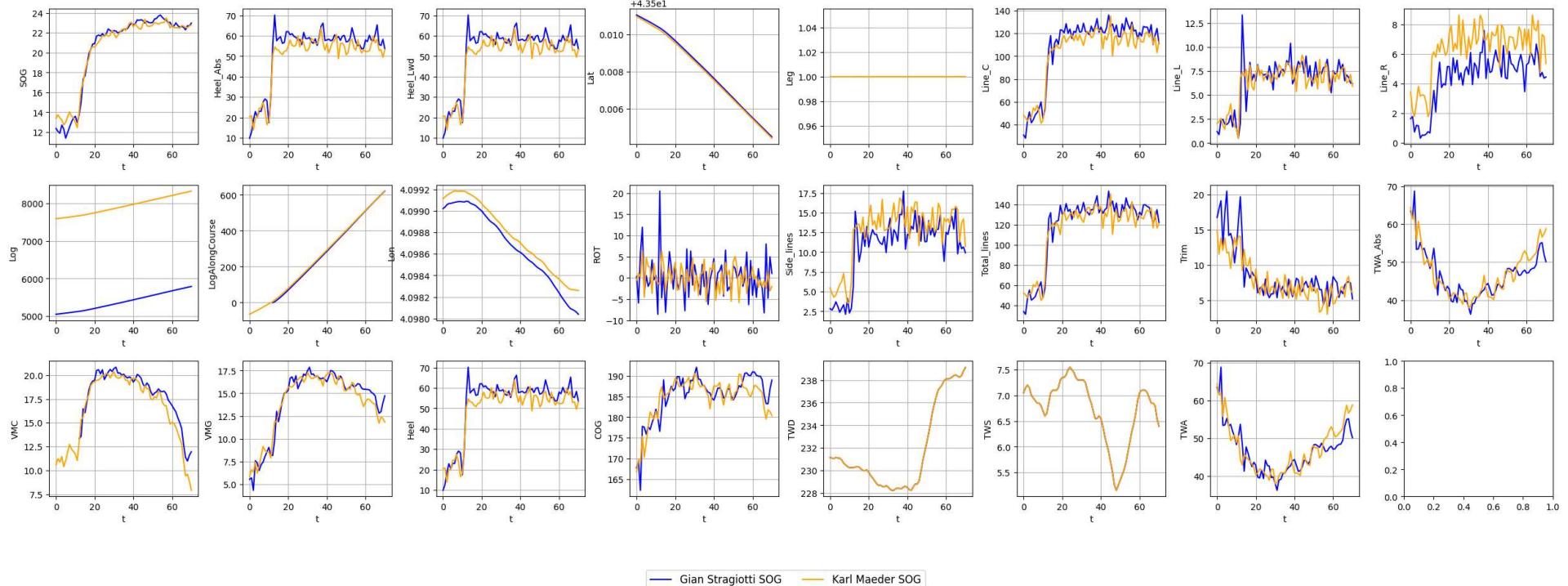
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Interval 1: Upwind from 2025-06-09 11:52:59 to 2025-06-09 11:54:10: Gian Stragiotti vs Karl Maeder
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	Run Statistics												
	Avg (Gian Stragiotti)	Avg (Karl Maeder)	Min (Gian Stragiotti)	Min (Karl 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]	745.805132	745.104847
Straight Line [m]	742.811507	742.506979
Distance as Percentage of Straight Line [%]	100.403013	100.349878
Gain of Gian Stragiotti with respect to Karl Maeder		
Forward	7.451719	-7.997271
Lateral	-0.699399	
VMG		
Initial Deficit	7.260466	-19.206771
Final Deficit	-8.981421	
Total Gain	-0.191253	-11.209500
Gain per Minute	-8.282022	
Gain per Minute	-0.162333	-9.514493
		-7.029684

Interval 1: Upwind from 2025-06-09 11:52:59 to 2025-06-09 11:54:10: Gian Stragiotti vs Karl Maeder - Parameters over time



— Gian Stragiotti SOG — Karl Maeder SOG

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Interval 2: Downwind from 2025-06-09 11:55:33 to 2025-06-09 11:56:03: Gian Stragiotti vs Karl Maeder
=====

MainReport

	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] 42.514150 37.745133

Straight Line [m] 42.491980 37.720500

Distance as Percentage of Straight Line [%] 100.052174 100.065303

Gain of Gian Stragiotti with respect to Karl Maeder

Forward Lateral VMG

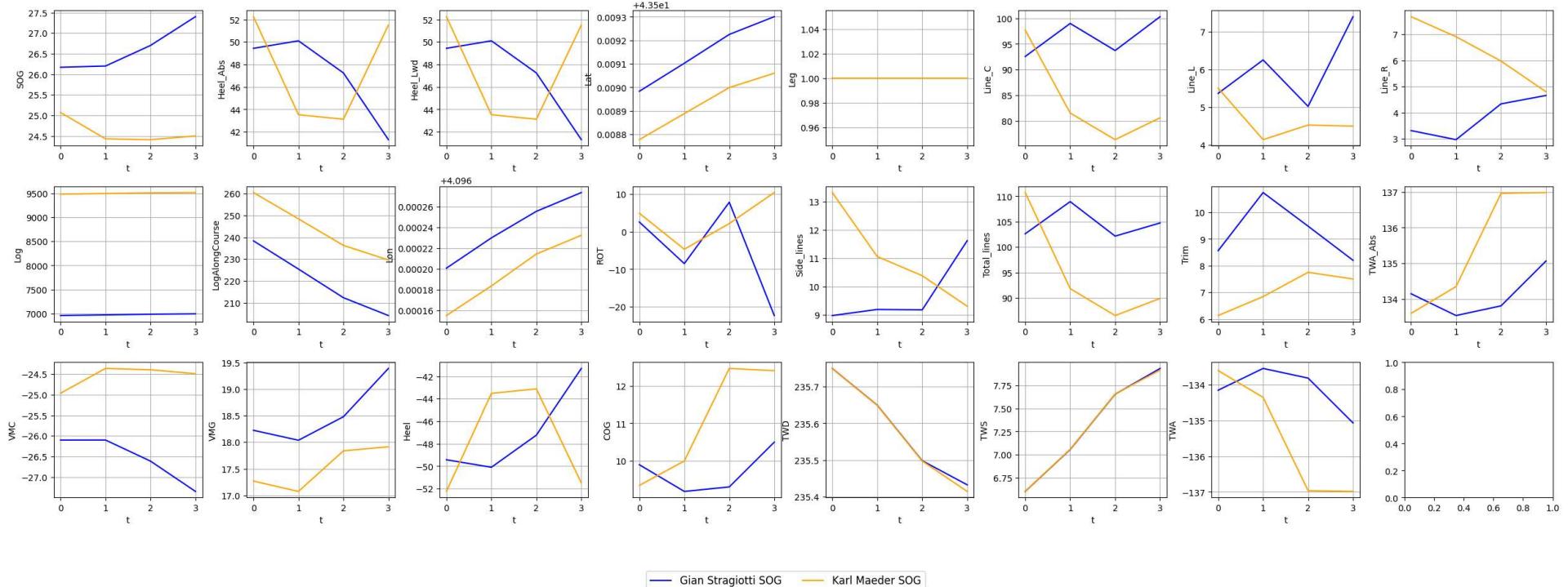
Initial Deficit -22.912497 -0.212204 15.737973

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 2: Downwind from 2025-06-09 11:55:33 to 2025-06-09 11:56:03: Gian Stragiotti vs Karl Maeder - Parameters over time



— Gian Stragiotti SOG — Karl Maeder SOG

Processing: ..\Data_Sailnjord\Straight_lines\09_06\09_06_Run10
Processing only reduced intervals for Karl Maeder vs SenseBoard

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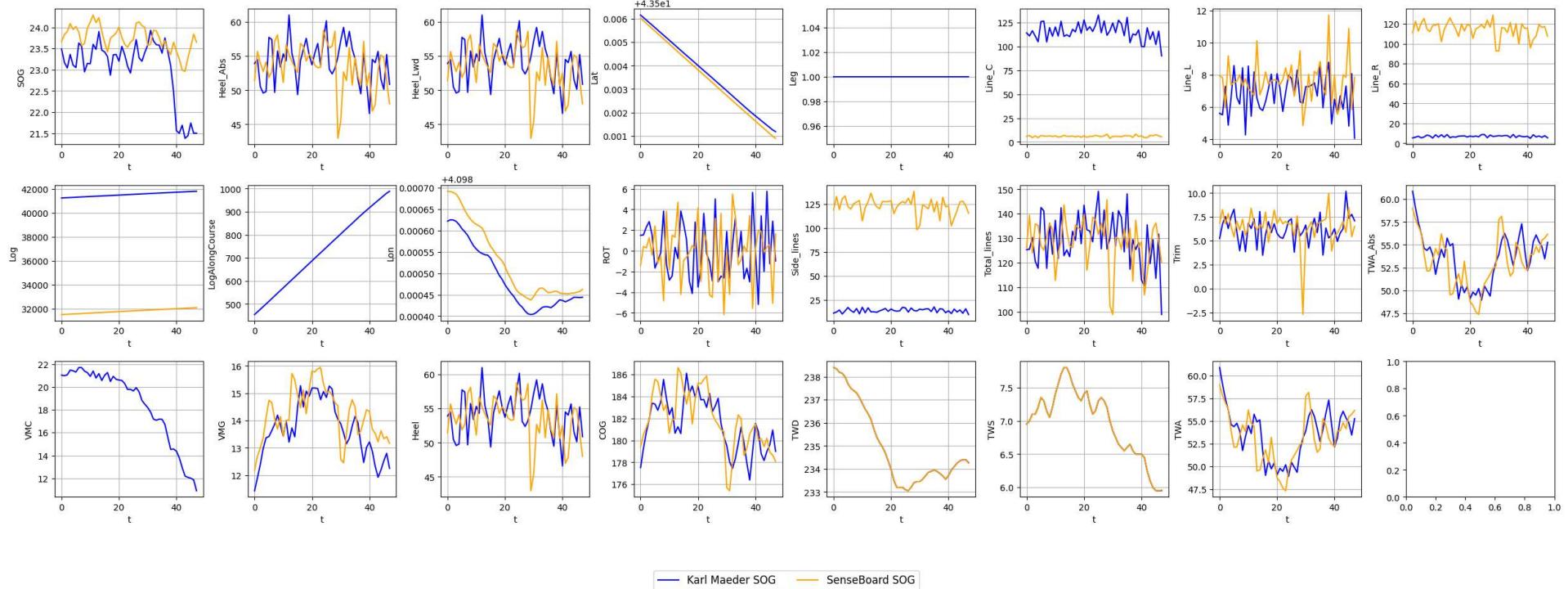
Run Statistics

	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	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	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	Tie
Line_C	115.7	6.027	78.5	0.9	148.1	13.7	475	474	13.16	1.793	Karl Maeder	SenseBoard	Tie
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]	562.296757	580.226786
Straight Line [m]	561.557973	579.346833
Distance as Percentage of Straight Line [%]	100.131560	100.151887
Gain of Karl Maeder with respect to SenseBoard		
Forward	14.466260	-6.078560
Lateral	3.714353	
VMG		
Initial Deficit	32.278185	-2.340322
Final Deficit	17.811925	3.738238
Total Gain	13.596602	
Gain per Minute	22.547216	4.732047
	17.211251	

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

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Interval 2: Downwind from 2025-06-09 13:27:28 to 2025-06-09 13:28:31: Karl Maeder vs SenseBoard
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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	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	SenseBoard
VMG	21.57	21.86	19.14	18.99	24.49	24.24	317	316	0.9016	0.9779	SenseBoard	Karl Maeder	Tie
COG	13.62	13.31	4.1	5.6	20.2	19	317	316	2.734	2.301		SenseBoard	SenseBoard
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	Tie
Side_lines	14.15	106.9	5.9	83	22.1	129.3	317	316	3.12	9.814	SenseBoard	Karl Maeder	Tie
Line_C	96.09	5.869	60.7	0	132.7	10.2	317	316	12.86	2.043	Karl Maeder	SenseBoard	Tie
Total_lines	110.2	112.7	72.3	87.8	149	135.8	317	316	14.45	10.58	SenseBoard	SenseBoard	SenseBoard

Distance Summary

Karl Maeder SenseBoard

Distance [m] 439.618470 446.029116

Straight Line [m] 439.128901 445.668921

Distance as Percentage of Straight Line [%] 100.111486 100.080821

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

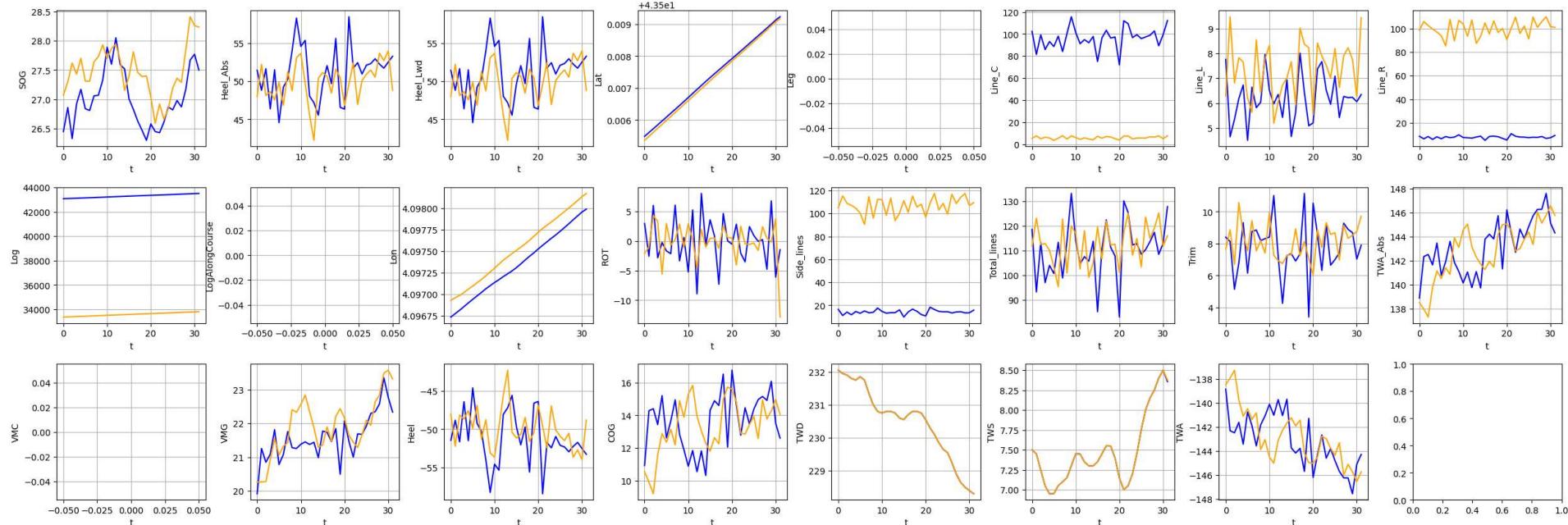
Initial Deficit -9.963242 -18.631243 -3.212697

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



Karl Maeder SOG	SenseBoard SOG
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Processing: ../Data_Sailnjord/Straight_lines\09_06\09_06_Run11
 Processing only reduced intervals for Karl Maeder vs SenseBoard

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Interval 1: Upwind from 2025-06-09 13:33:35 to 2025-06-09 13:35:28: Karl Maeder vs SenseBoard
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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	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	SenseBoard
VMG	13.67	13.91	10.5	10.82	16.4	17.28	880	880	0.944	0.9113	SenseBoard	SenseBoard	SenseBoard
COG	180.4	180.8	168.7	170.4	193.2	191.5	880	880	4.596	4.28			SenseBoard
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	Tie
Side_lines	13.85	124.9	4.9	82.3	26.4	161.4	880	880	3.593	10.73	SenseBoard	Karl Maeder	Tie
Line_C	115	6.478	71.8	1.2	163.5	12.1	880	875	13.75	1.691	Karl Maeder	SenseBoard	Tie
Total_lines	128.8	131.4	80.3	83.5	182.6	162.1	880	880	15.53	11.32	SenseBoard	SenseBoard	SenseBoard

Distance Summary

Karl Maeder SenseBoard

Distance [m] 1009.916263 1016.344364

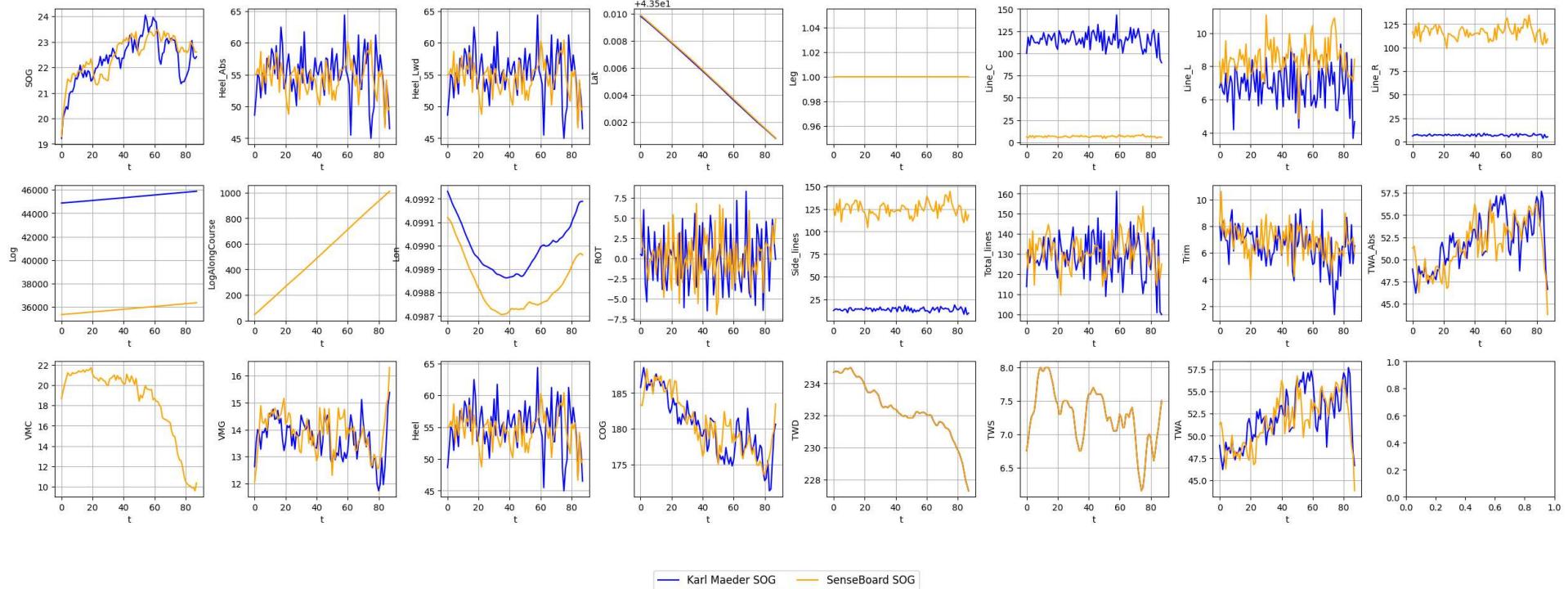
Straight Line [m] 1006.664000 1013.436323

Distance as Percentage of Straight Line [%] 100.323073 100.286949

Gain of Karl Maeder with respect to SenseBoard

	Forward	Lateral	VMG
Initial Deficit	-9.383314	9.269560	1.540091
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 1: Upwind from 2025-06-09 13:33:35 to 2025-06-09 13:35:28: Karl Maeder vs SenseBoard - Parameters over time

=====
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)	Winner (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	Karl Maeder
VMG	20.54	21.12	19.2	20.07	21.58	21.82	39	39	0.5493	0.4236	SenseBoard	SenseBoard	SenseBoard
COG	12.5	18.53	6.9	12.5	17.4	23.5	39	39	2.225	2.849			Karl Maeder
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	Karl Maeder
Side_lines	13.59	64.68	9.6	50.2	18.7	82.8	39	39	2.213	11.09	SenseBoard	Karl Maeder	Tie
Line_C	88.03	2.73	61	0	112.9	5.4	39	39	14.24	1.626	Karl Maeder	SenseBoard	Tie
Total_lines	102.6	67.25	73.1	50.6	129.1	88.1	39	39	16.1	11.98	Karl Maeder	SenseBoard	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m]	48.542645	46.422053
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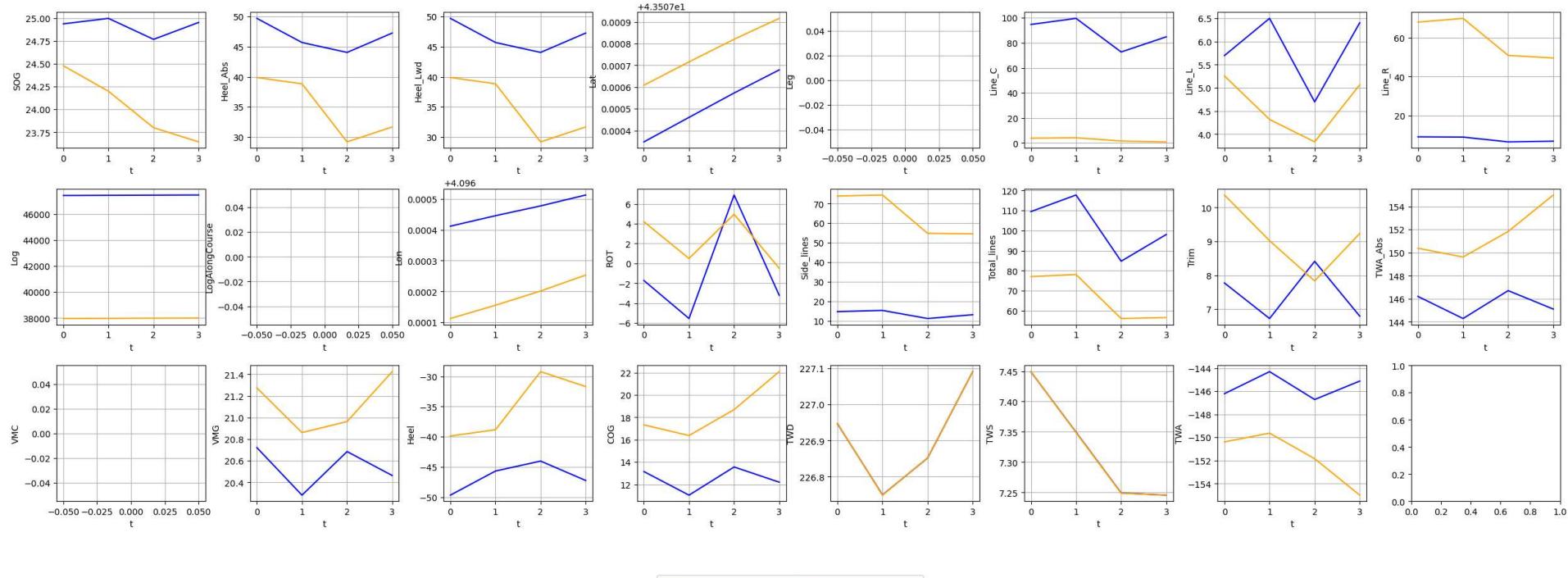
Straight Line [m]	48.506971	46.363333
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Distance as Percentage of Straight Line [%]	100.073543	100.126653
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Gain of Karl Maeder with respect to SenseBoard

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



— Karl Maeder SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\09_06\09_06_Run2

Processing only reduced intervals for Gian Stragiotti vs Karl Maeder

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=====
Interval 1: Upwind from 2025-06-09 11:59:45 to 2025-06-09 12:00:54: Gian Stragiotti vs Karl Maeder
=====
```

MainReport

	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

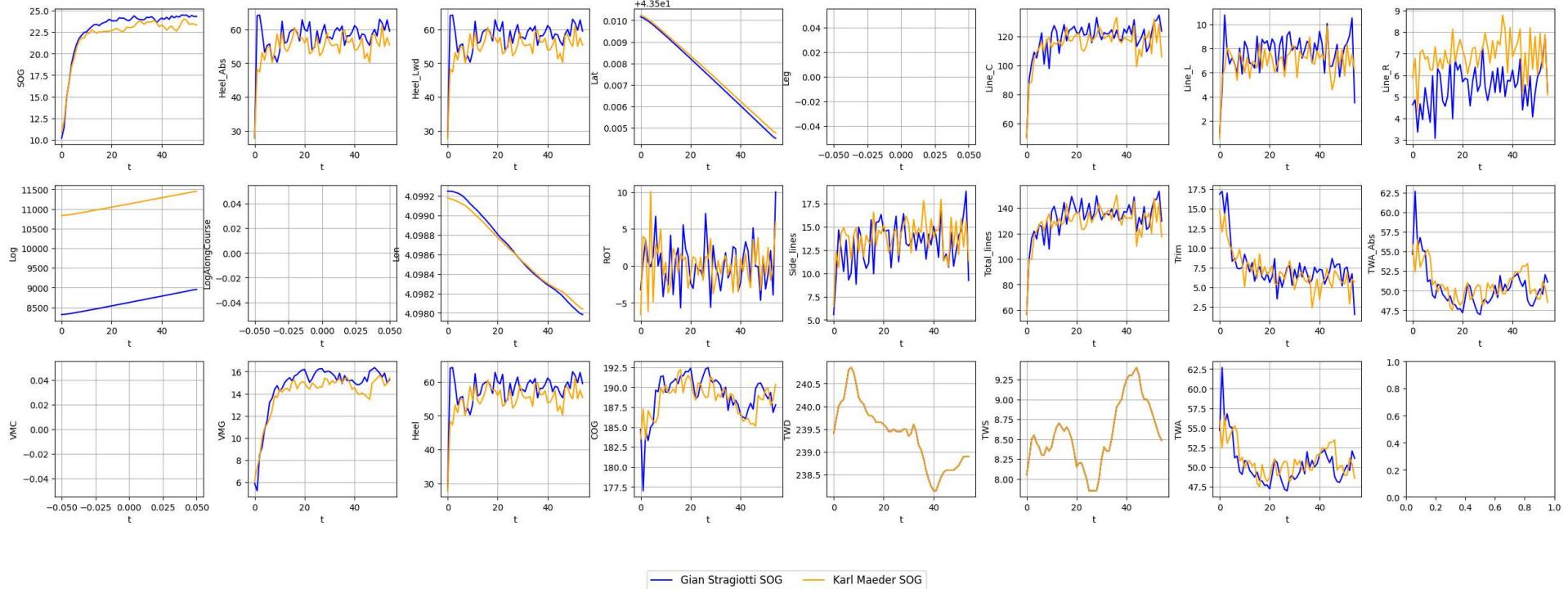
Distance Summary

	Gian Stragiotti	Karl Maeder
Distance [m]	641.590589	620.682725
Straight Line [m]	640.681783	620.007560
Distance as Percentage of Straight Line [%]	100.141850	100.108896

Gain of Gian Stragiotti with respect 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 1: Upwind from 2025-06-09 11:59:45 to 2025-06-09 12:00:54: Gian Stragiotti vs Karl Maeder - Parameters over time



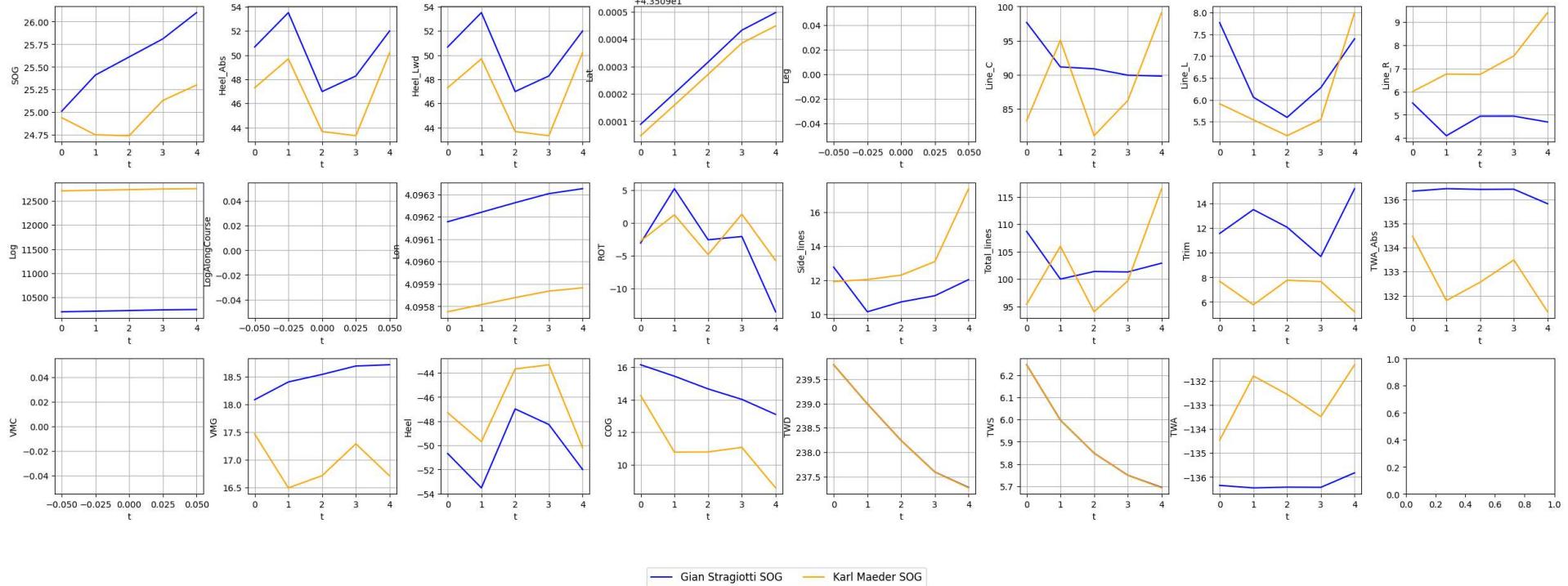
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Interval 2: Downwind from 2025-06-09 12:02:31 to 2025-06-09 12:03:04: Gian Stragiotti vs Karl Maeder
=====

	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]	52.820201	51.296628
Straight Line [m]	52.800610	51.255075
Distance as Percentage of Straight Line [%]	100.037105	100.081070
Gain of Gian Stragiotti with respect to Karl Maeder		
Forward		
Initial Deficit	-12.823736	29.929459
Final Deficit	-14.473800	33.072867
Total Gain	-1.650065	3.143409
Gain per Minute	-24.831675	47.304869
		50.606055

Interval 2: Downwind from 2025-06-09 12:02:31 to 2025-06-09 12:03:04: Gian Stragiotti vs Karl Maeder - Parameters over time



Processing: ../Data_Sailnjord/Straight_lines\09_06\09_06_Run3
Error: At least two CSV files are required.

Processing: ../Data_Sailnjord/Straight_lines\09_06\09_06_Run4
Processing only reduced intervals for Karl Maeder vs SenseBoard

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

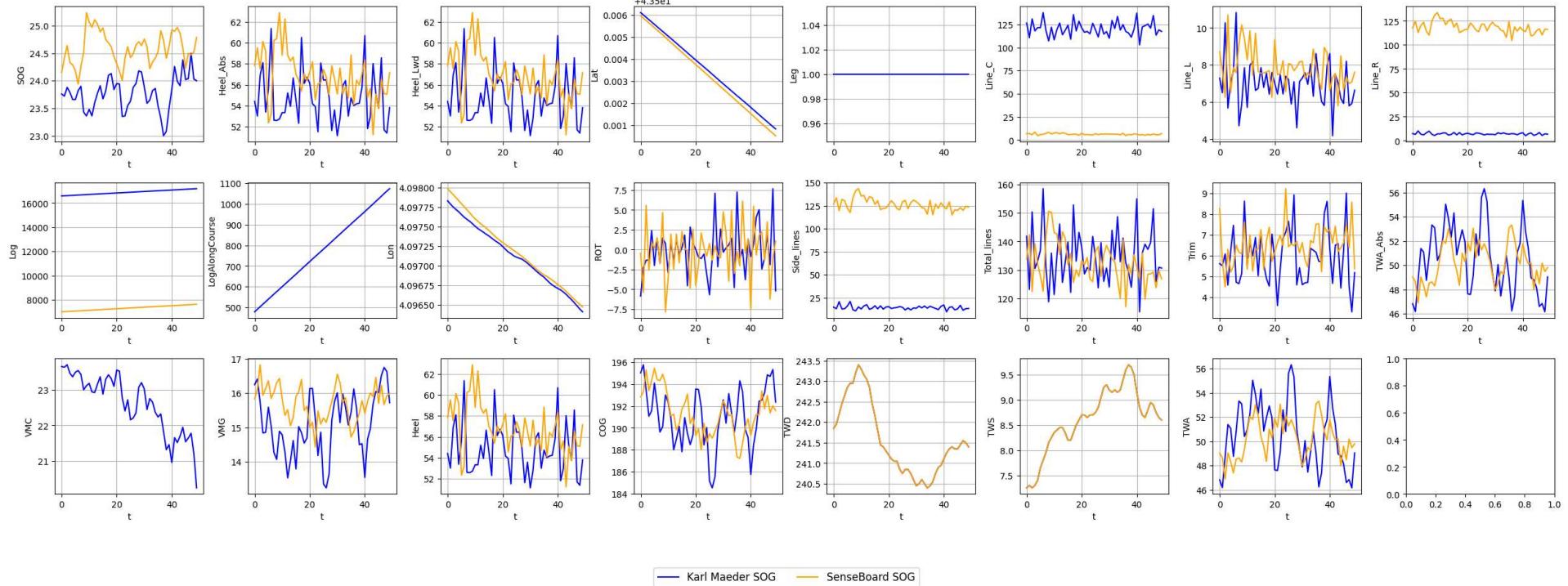
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Winner (Overall)
TWS	8.611	8.611	7.114	7.116	9.7	9.7	499	499	0.6306	0.6305			
TWD	241.6	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	Tie
Line_C	120.4	6.324	80.7	1.7	155.1	11.6	499	497	12.48	1.73	Karl Maeder	SenseBoard	Tie
Total_lines	134.9	132.7	104	94.1	174.1	166.6	499	499	14.18	11.73	Karl Maeder	SenseBoard	Tie

Distance Summary

	Karl Maeder	SenseBoard	
Distance [m]	609.896673	629.937392	
Straight Line [m]	608.924836	629.289711	
Distance as Percentage of Straight Line [%]	100.159599	100.102923	
Gain of Karl Maeder with respect 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

MainReport

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



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 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)	Winner (Overall)
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	SenseBoard
VMG	19.47	20.02	14.59	16.61	22.76	23.07	635	635	1.458	1.394	SenseBoard	SenseBoard	SenseBoard
COG	20.11	20.39	9.2	11.9	27.3	29.4	635	635	3.146	3.139			
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	SenseBoard
Side_lines	14.25	106.6	6.4	53.95	23.6	129.2	635	635	2.861	10.05	SenseBoard	Karl Maeder	Tie
Line_C	100.1	6.052	71.3	0.2	134.2	15.7	635	631	11.79	2.327	Karl Maeder	SenseBoard	Tie
Total_lines	114.5	112.8	81.6	55.8	154.9	140.1	635	635	13.32	11.26	Karl Maeder	SenseBoard	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m] 898.665856 918.761835

Straight Line [m] 897.305299 917.383017

Distance as Percentage of Straight Line [%] 100.151627 100.150299

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

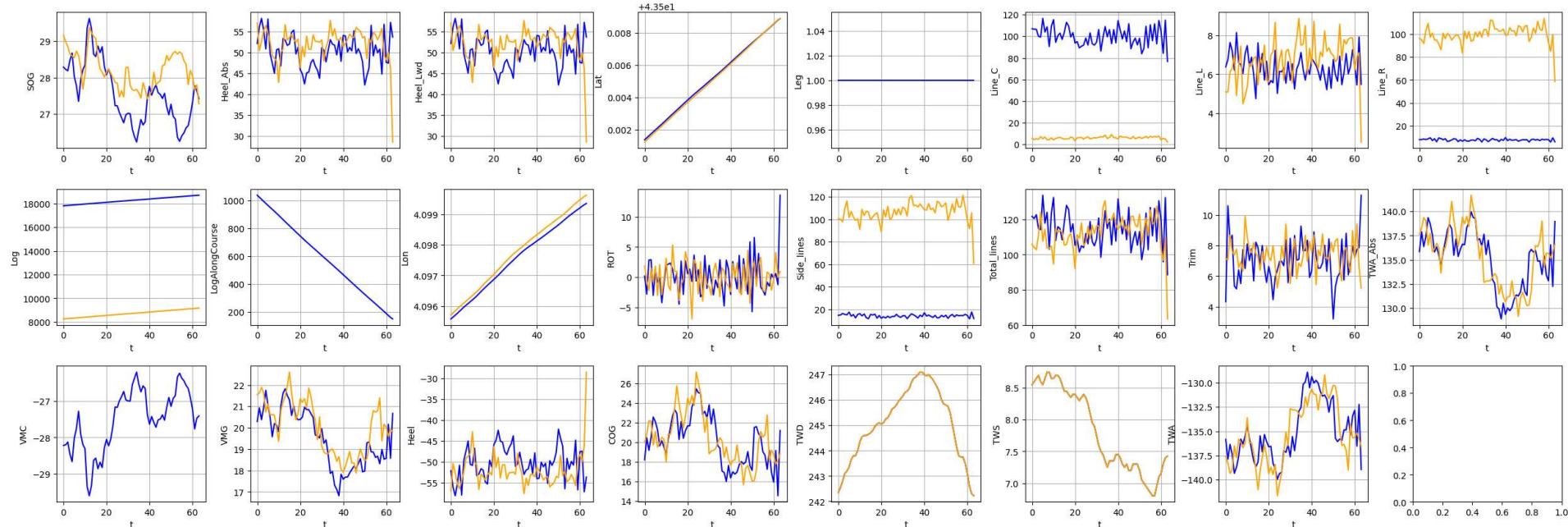
Initial Deficit -11.151024 -14.907580 -2.649660

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



— Karl Maeder SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\09_06\09_06_Run5
Processing only reduced intervals for Karl Maeder vs SenseBoard

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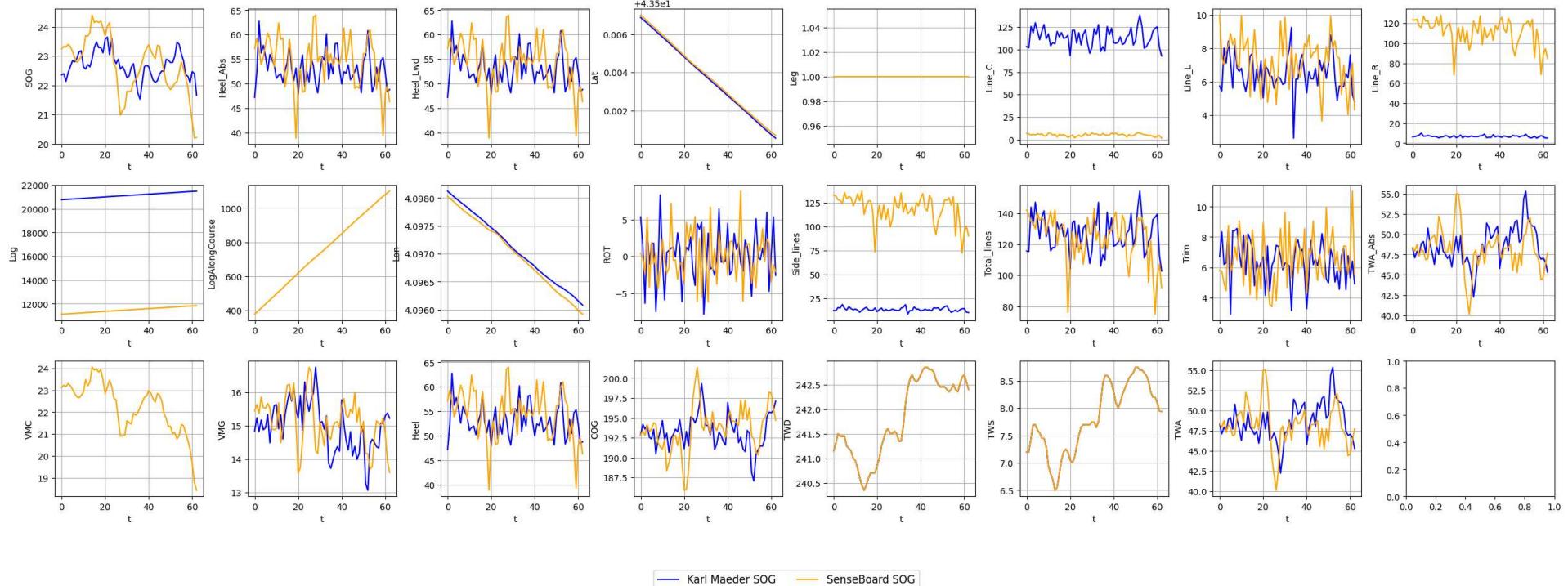
Run Statistics

	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	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	Tie
VMG	14.98	15.12	12.03	12.53	17.78	18.01	628	628	0.9257	0.9274	SenseBoard	Karl Maeder	Tie
COG	193.2	193.6	184.1	182.7	201.5	205	628	628	2.781	3.433	Karl Maeder	Karl Maeder	
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	Tie
Side_lines	13.2	118.5	4.4	49.6	25.8	179.1	628	628	3.231	17.59	SenseBoard	Karl Maeder	Tie
Line_C	113.4	5.129	55.2	0.3	154.2	15.3	628	625	14.05	2.102	Karl Maeder	SenseBoard	Tie
Total_lines	126.6	123.8	60.4	53	172.7	186.6	628	628	15.57	18.12	Karl Maeder	Karl Maeder	Karl Maeder

Distance Summary

	Karl Maeder	SenseBoard	
Distance [m]	731.465088	731.121414	
Straight Line [m]	730.600225	729.761293	
Distance as Percentage of Straight Line [%]	100.118377	100.186379	
Gain of Karl Maeder with respect to SenseBoard			
	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 12:37:03 to 2025-06-09 12:39:02: Karl Maeder vs SenseBoard - Parameters over time



— Karl Maeder SOG — SenseBoard SOG

⚠️ Skipping Interval 2: Downwind from 2025-06-09 12:40:06 to 2025-06-09 12:40:31: Karl Maeder vs SenseBoard after time alignment

Processing: ..\Data_Sailnjord\Straight_lines\09_06\09_06_Run6
Processing only reduced intervals for Karl Maeder vs SenseBoard

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

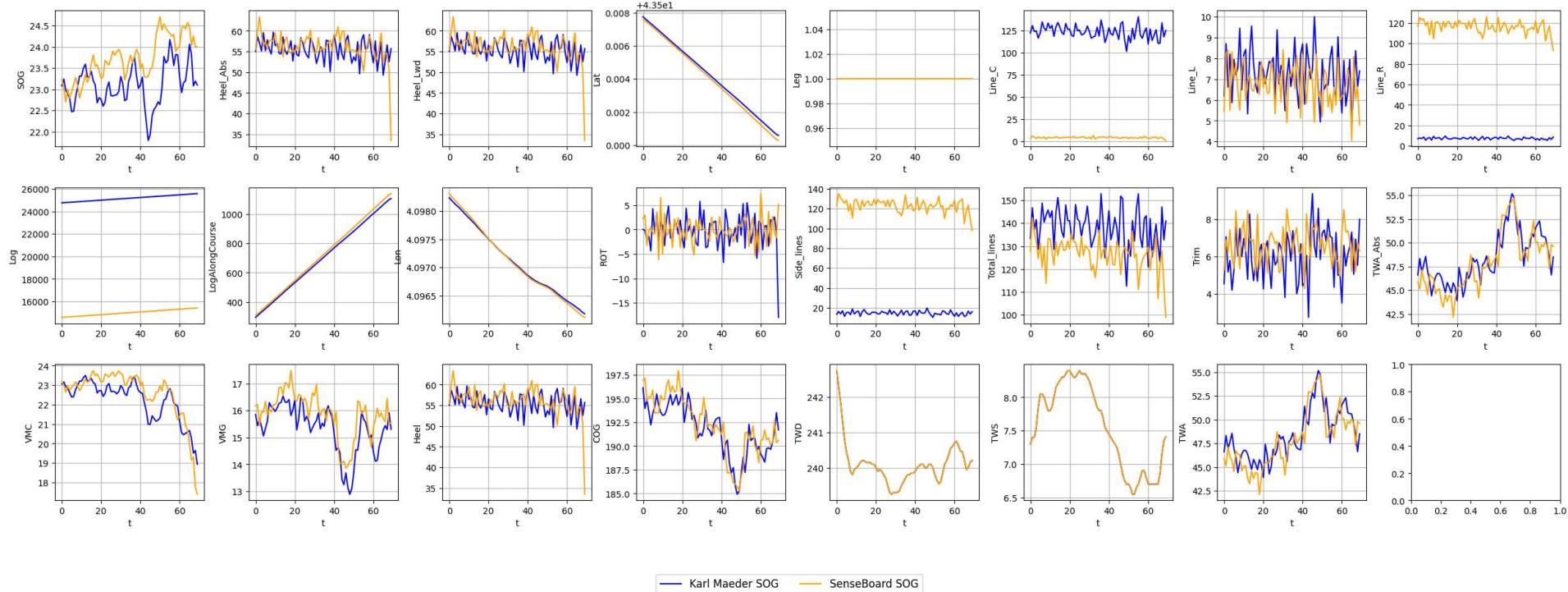
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Winner (Overall)
TWS	7.549	7.549	6.504	6.504	8.4	8.4	691	691	0.6337	0.6337			
TWD	240.1	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	Tie
VMG	15.31	15.86	11.71	12.91	17.27	18.13	691	691	1.024	0.9587	SenseBoard	SenseBoard	SenseBoard
COG	191.7	192.2	181.3	182.9	199.6	200.1	691	691	3.181	3.464		Karl Maeder	Karl Maeder
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	Tie
Side_lines	14.7	123.2	5.8	89.8	25.8	144.5	691	691	3.479	9.924	SenseBoard	Karl Maeder	Tie
Line_C	123.2	4.252	90.3	0.3	157.7	8.9	691	687	12.05	1.575	Karl Maeder	SenseBoard	Tie
Total_lines	138	126.9	101.5	91.9	178.7	152.6	691	691	12.95	10.28	Karl Maeder	SenseBoard	Tie

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	820.400524	842.203115
Straight Line [m]	819.140708	840.661993
Distance as Percentage of Straight Line [%]	100.153797	100.183322
Gain of Karl Maeder with respect to SenseBoard		
Forward	12.796111	-8.745353
Lateral	-8.745353	1.957337
VMG	21.521462	6.860617
Initial Deficit	34.317573	-1.884736
Final Deficit	21.377422	21.377422
Total Gain	18.714315	5.965754
Gain per Minute	16.887031	

MainReport

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



=====
 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)	Winner (Overall)
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	Tie
VMG	19.91	20.41	16.18	16.9	22.46	22.56	350	350	0.9659	1.034	SenseBoard	Karl Maeder	Tie
COG	20.47	21.81	9.7	11	28.2	38.1	350	350	3.686	4.809		Karl Maeder	Karl Maeder
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	Tie
Side_lines	13.57	101.4	6.3	30.27	25.4	132	350	350	3.14	18.69	SenseBoard	Karl Maeder	Tie
Line_C	94.59	5.059	56.8	0.2	133.3	10	350	350	13.14	2.086	Karl Maeder	SenseBoard	Tie
Total_lines	107.3	106.2	64.6	31.36	153.6	138.7	350	350	14.19	19.73	Karl Maeder	Karl Maeder	Karl Maeder

Distance Summary

Karl Maeder SenseBoard

Distance [m] 472.790097 474.931839

Straight Line [m] 471.808099 473.279703

Distance as Percentage of Straight Line [%] 100.208135 100.349082

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

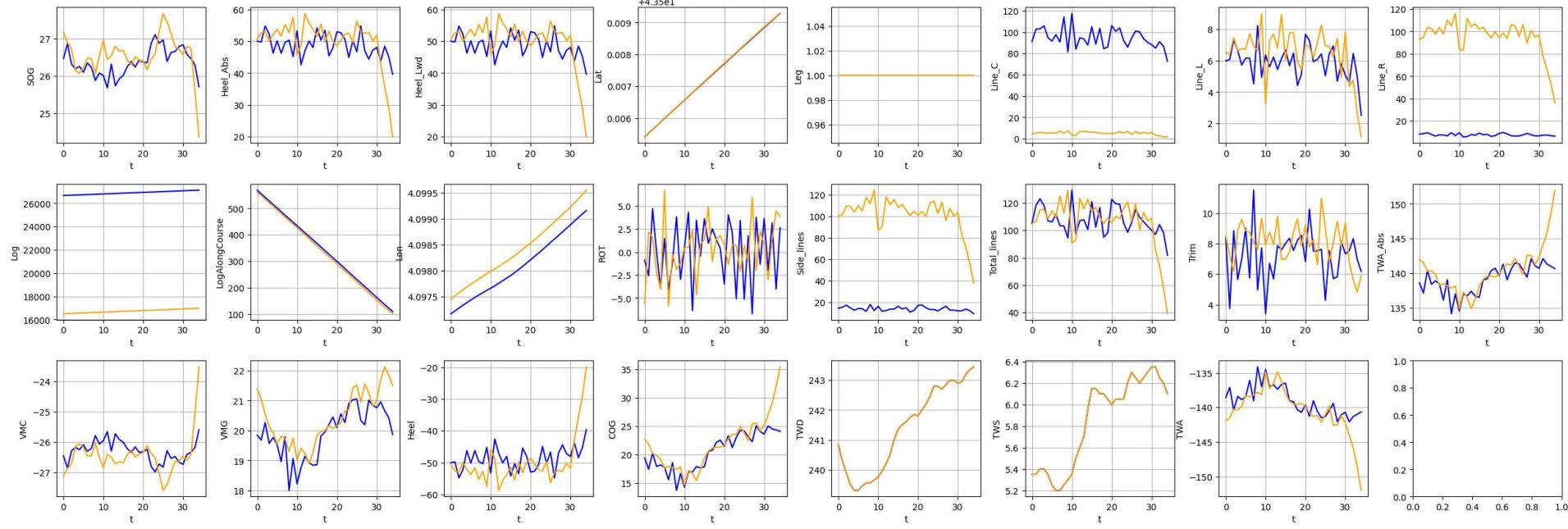
Initial Deficit 7.947922 -20.880105 -19.680551

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



Karl Maeder SOG	SenseBoard SOG
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Processing: ../Data_Sailnjord/Straight_lines\09_06\09_06_Run7
Processing only reduced intervals for Karl Maeder vs SenseBoard

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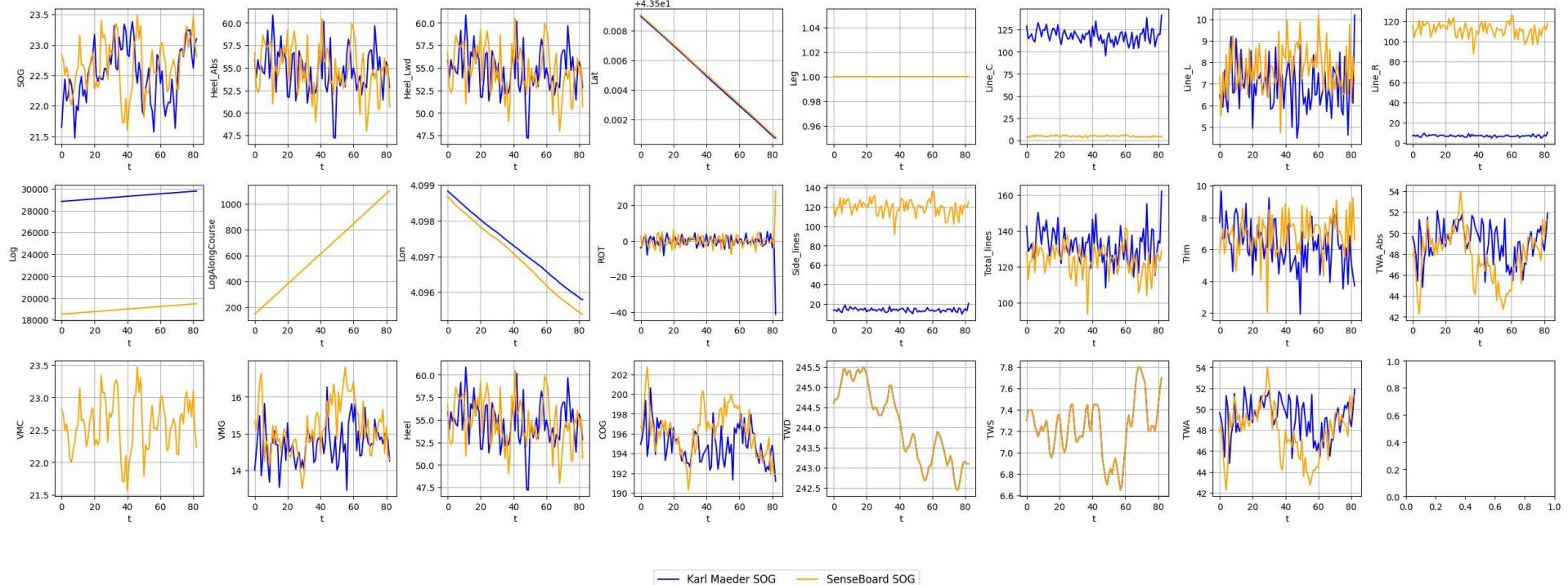
Run Statistics

	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	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	SenseBoard
VMG	14.73	15.18	11.93	12.15	17.65	18.66	821	821	0.7837	0.8977	SenseBoard	Karl Maeder	Tie
COG	195	196.2	187.2	186.2	207.8	205.9	821	821	2.601	2.976	Karl Maeder	Karl Maeder	
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	Tie
Side_lines	13.88	119.2	3.6	77.7	25.6	149.7	821	821	3.457	11.44	SenseBoard	Karl Maeder	Tie
Line_C	117.8	4.501	70	0.5	158.3	9	821	819	12.62	1.548	Karl Maeder	SenseBoard	Tie
Total_lines	131.7	123.8	75.7	78.8	180.9	156.8	821	821	14.17	12.17	Karl Maeder	SenseBoard	Tie

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	951.463880	956.214030
Straight Line [m]	950.462120	954.923755
Distance as Percentage of Straight Line [%]	100.105397	100.135118
Gain of Karl Maeder with respect to SenseBoard		
Forward	Initial Deficit	Final Deficit
14.551463	-5.405623	-1.187195
7.459265	34.492431	25.293527
Lateral	Total Gain	Gain per Minute
19.940968	4.218428	3.086693
17.834262	14.591130	14.049619

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

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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)	Winner (Overall)
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	Tie
VMG	21.97	22.1	18.59	20.3	23.94	23.92	158	158	0.931	0.7433	SenseBoard	SenseBoard	SenseBoard
COG	28.33	28.5	21.6	22.6	36.9	35.2	158	158	3.519	2.495		SenseBoard	SenseBoard
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	SenseBoard
Side_lines	13.67	101.4	4.9	57.5	23.2	125.3	158	158	3.465	12.92	SenseBoard	Karl Maeder	Tie
Line_C	92.07	5.537	62.2	0.4	130.1	10	158	157	15.39	1.949	Karl Maeder	SenseBoard	Tie
Total_lines	105.7	106.4	73.1	62.7	145.9	128.8	158	158	17.84	13.65	SenseBoard	SenseBoard	SenseBoard

Distance Summary

Karl Maeder SenseBoard

Distance [m]	221.314874	222.209044
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Straight Line [m]	220.896745	221.993274
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Distance as Percentage of Straight Line [%]	100.189287	100.097197
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Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

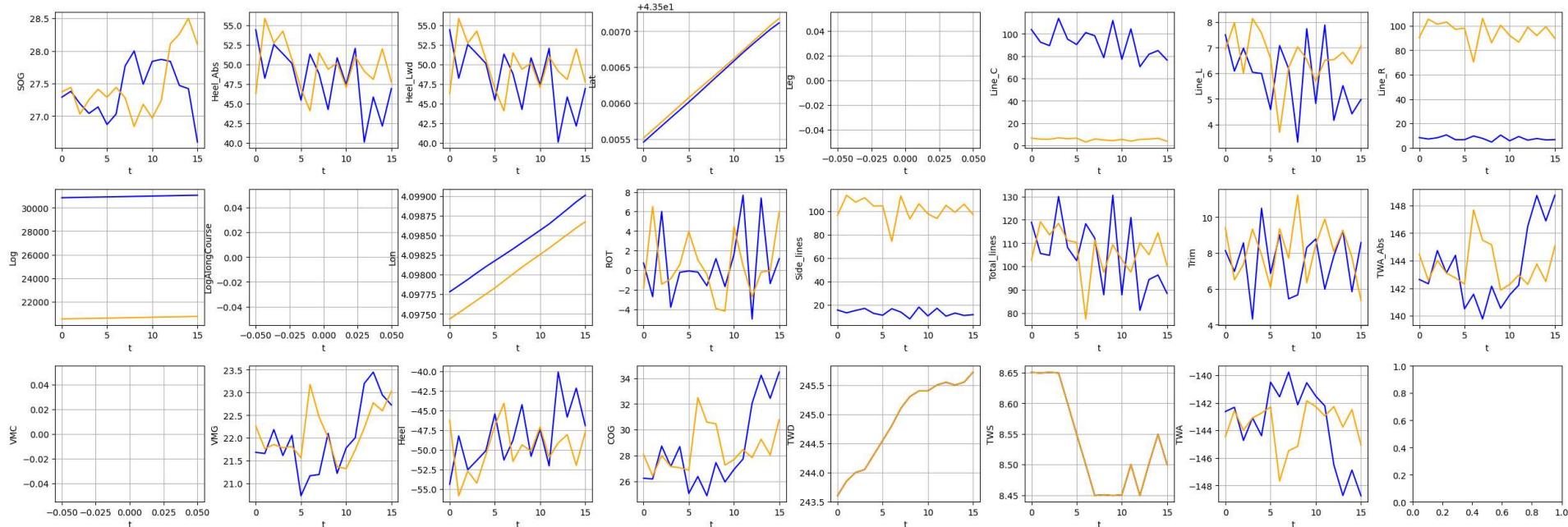
Initial Deficit	-7.776116	27.866388	22.841116
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Final Deficit	-6.679356	27.567897	21.782269
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Total Gain	1.096760	-0.298491	-1.058847
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Gain per Minute	4.190372	-1.140441	-4.045518
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Interval 2: Downwind from 2025-06-09 12:56:26 to 2025-06-09 12:57:15: Karl Maeder vs SenseBoard - Parameters over time



— Karl Maeder SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\09_06\09_06_Run8
Processing only reduced intervals for Karl Maeder vs SenseBoard

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Interval 1: Upwind from 2025-06-09 13:04:53 to 2025-06-09 13:06:36: Karl Maeder vs SenseBoard
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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	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	Tie
VMG	11.74	12.26	5.361	5.206	18.23	17.3	967	967	2.443	2.684	SenseBoard	Karl Maeder	Tie
COG	190.2	190.4	174.2	174.5	217	205.3	967	967	4.857	5.182		Karl Maeder	Karl Maeder
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	Tie
Side_lines	12.92	119.9	2.9	42.2	26.1	159	967	967	4.29	24.22	SenseBoard	Karl Maeder	Tie
Line_C	110.7	5.947	41.8	0	152.9	11.5	967	955	23.56	2.227	Karl Maeder	SenseBoard	Tie
Total_lines	123.6	125.9	46	43.4	171.6	162.1	967	967	26.04	25.48	SenseBoard	SenseBoard	SenseBoard

Distance Summary

Karl Maeder SenseBoard

Distance [m] 1072.934906 1113.999562

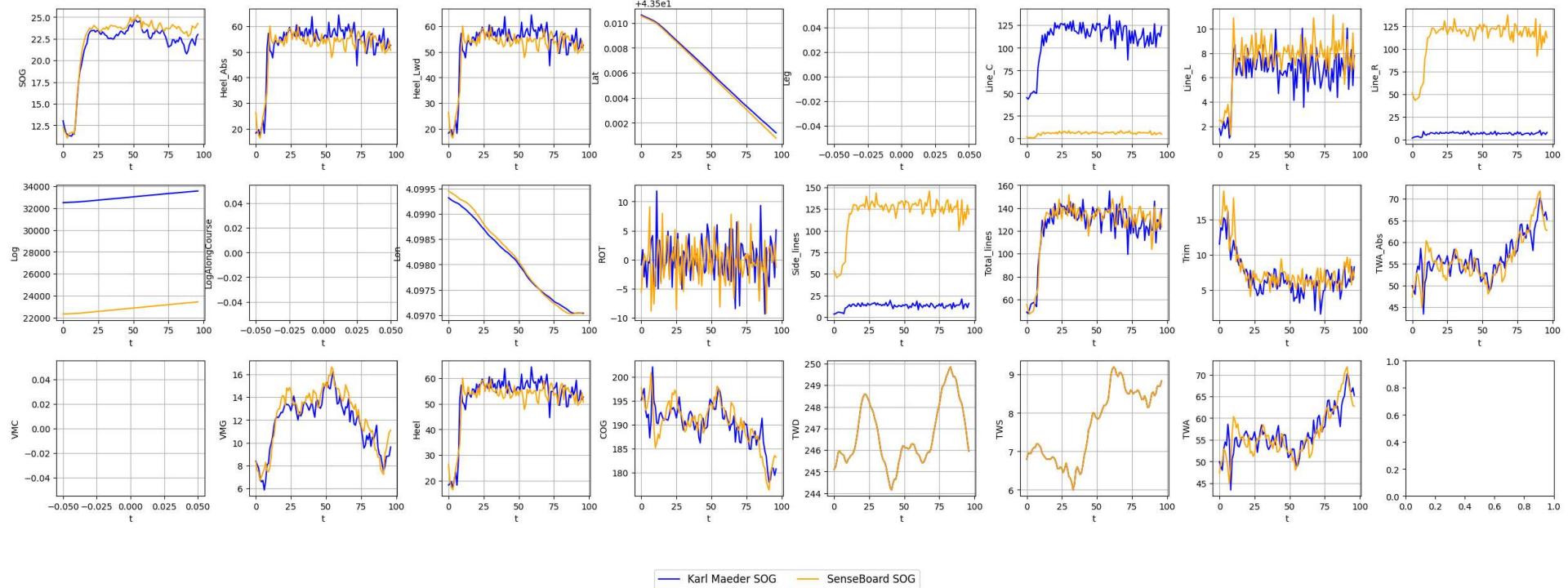
Straight Line [m] 1069.421142 1109.608069

Distance as Percentage of Straight Line [%] 100.328567 100.395770

Gain of Karl Maeder with respect 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 1: Upwind from 2025-06-09 13:04:53 to 2025-06-09 13:06:36: Karl Maeder vs SenseBoard - Parameters over time

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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)	Winner (Overall)
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	Tie
VMG	22.58	23.38	20.61	21.3	24.91	26.2	144	144	1.129	1.131	SenseBoard	Karl Maeder	Tie
COG	18.43	20.93	13.1	14.1	24.2	27.7	144	144	2.411	2.91			Karl Maeder
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	Karl Maeder
Side_lines	12.67	87.97	5.7	32.1	21.5	127.4	144	144	2.86	21.63	SenseBoard	Karl Maeder	Tie
Line_C	89.19	4.379	67.7	0	125.3	8.2	143	144	12.03	2.134	Karl Maeder	SenseBoard	Tie
Total_lines	102.2	91.77	75.58	32.2	143.1	126.4	144	144	13.7	23.11	Karl Maeder	Karl Maeder	Karl Maeder

Distance Summary

Karl Maeder SenseBoard

Distance [m] 197.135450 197.531165

Straight Line [m] 196.957972 197.282966

Distance as Percentage of Straight Line [%] 100.090110 100.125808

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

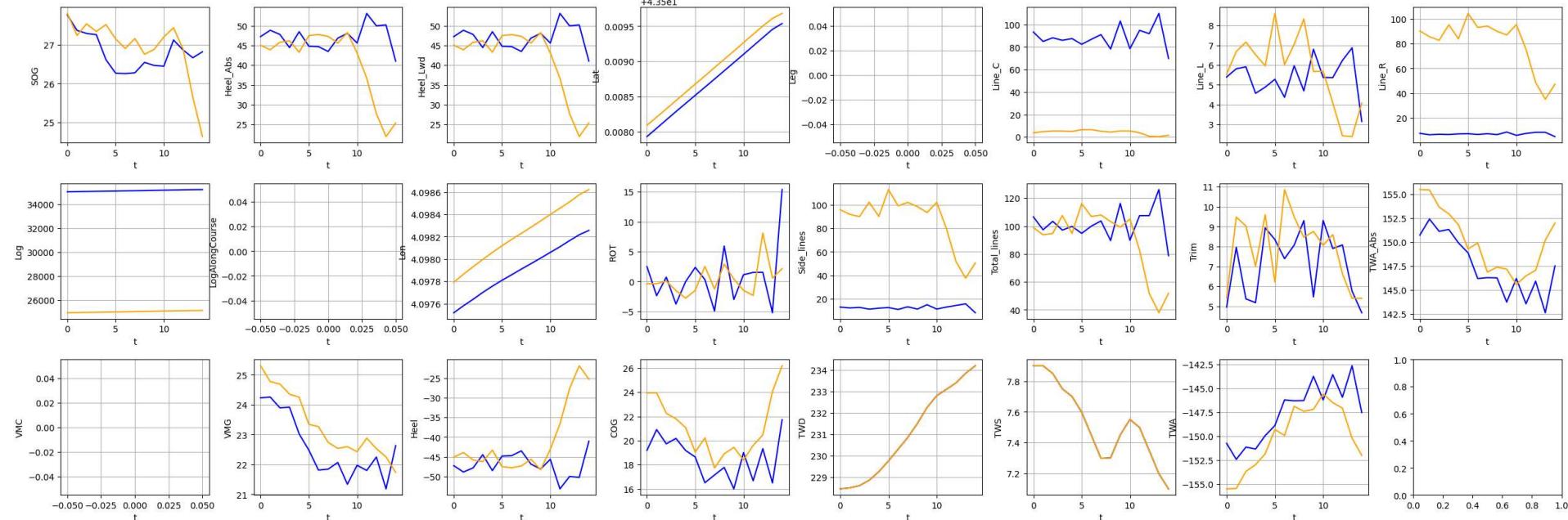
Initial Deficit 24.211923 -14.763124 -28.352541

Final Deficit 24.345140 -23.118591 -32.951868

Total Gain 0.133217 -8.355468 -4.599327

Gain per Minute 0.559384 -35.084895 -19.312732

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



— Karl Maeder SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\09_06\09_06_Run9
Processing only reduced intervals for Karl Maeder vs SenseBoard

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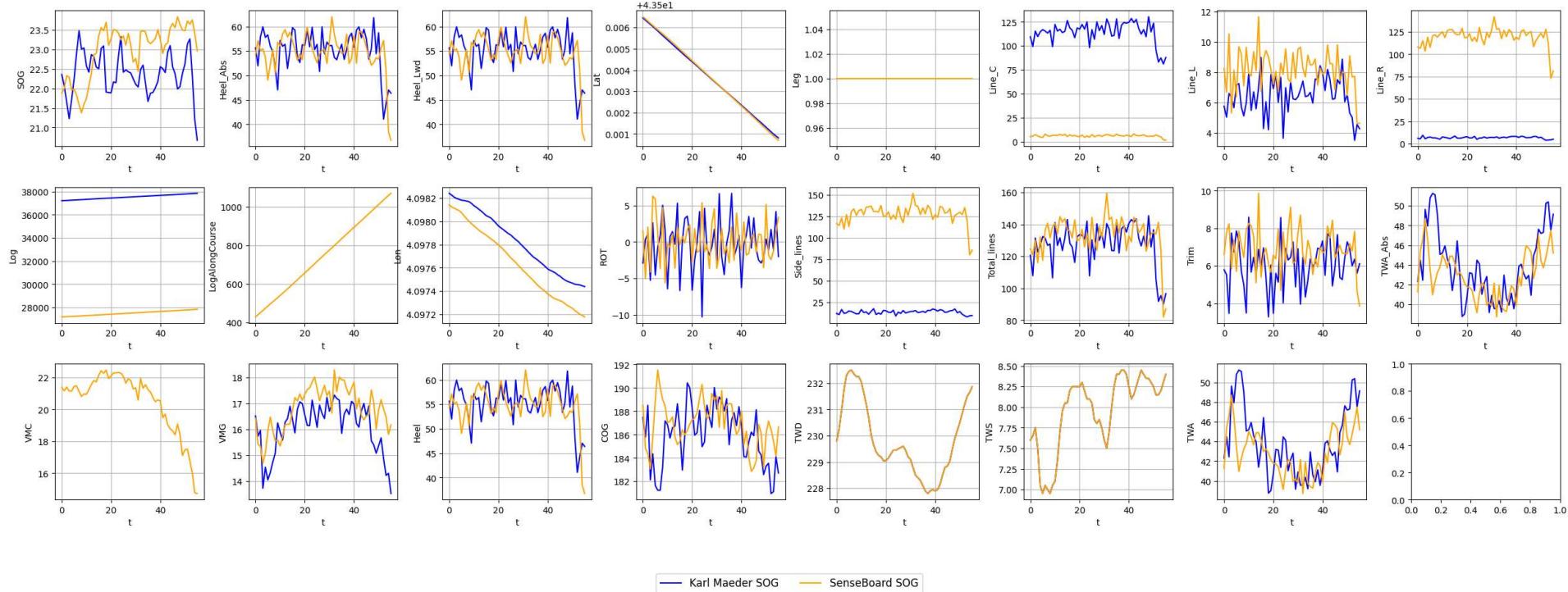
Run Statistics

	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	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	Tie
VMG	16.08	16.81	12.43	13.15	19.05	19.71	558	558	1.129	0.981	SenseBoard	SenseBoard	SenseBoard
COG	185.9	186.9	177.8	178.7	194.3	194.6	558	558	3.167	2.575		SenseBoard	SenseBoard
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	Tie
Side_lines	13.19	127.5	5	63.2	26.1	159.1	558	558	3.85	14.51	SenseBoard	Karl Maeder	Tie
Line_C	114.5	6.189	66.6	0.2	155.2	11.5	558	558	15.44	1.925	Karl Maeder	SenseBoard	Tie
Total_lines	127.5	133.2	71.7	63.9	170.9	167.7	558	558	17.71	15.33	SenseBoard	SenseBoard	SenseBoard

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	640.073705	660.114783
Straight Line [m]	639.098239	659.442528
Distance as Percentage of Straight Line [%]	100.152632	100.101943
Gain of Karl Maeder with respect to SenseBoard		
Forward	Forward	Forward
Lateral	Lateral	Lateral
VMG	VMG	VMG
Initial Deficit	-5.552388	8.612607
Final Deficit	14.730620	19.965581
Total Gain	20.283008	11.352974
Gain per Minute	21.842568	12.225904
		24.213828

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

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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)	Winner (Overall)
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	Tie
VMG	19.05	19.89	13.88	14.64	22.63	23.2	435	435	1.834	1.679	SenseBoard	SenseBoard	SenseBoard
COG	14.5	15.49	2.4	5.5	24.4	21.9	435	435	3.375	3.039			SenseBoard
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	Karl Maeder
Side_lines	12.77	96.71	2.4	43	20.1	129	435	435	2.699	15.14	SenseBoard	Karl Maeder	Tie
Line_C	86.8	5.258	36.9	0	118.9	11.3	435	434	12.77	1.721	Karl Maeder	SenseBoard	Tie
Total_lines	99.47	102.2	42.2	43	138.6	137.9	435	435	14.13	16.2	SenseBoard	Karl Maeder	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m] 569.996996 585.099438

Straight Line [m] 569.014339 584.286443

Distance as Percentage of Straight Line [%] 100.172695 100.139143

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

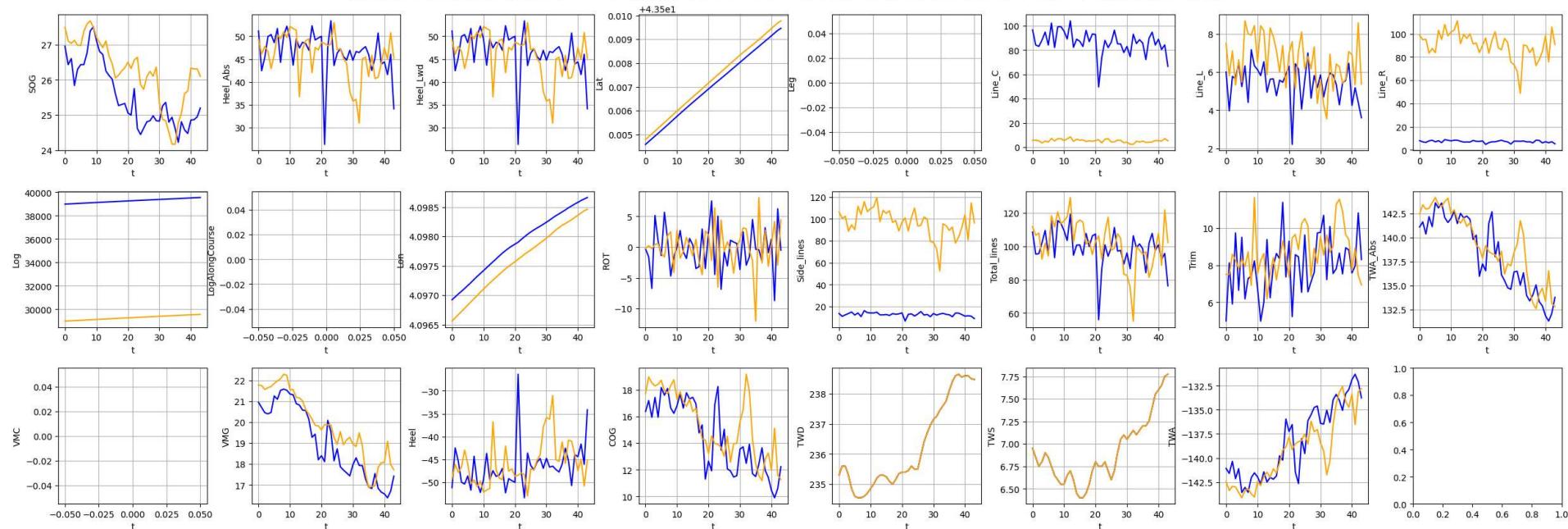
Initial Deficit 14.709644 34.219963 11.777657

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



— Karl Maeder SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\10_06\10_06_Run1

Processing only reduced intervals for Gian Stragiotti vs SenseBoard

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

	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)	Winner (Overall)
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	Gian Stragiotti
VMG	12.49	12.17	2.439	3.82	15.44	15.34	1101	1101	2.135	1.971	Gian Stragiotti	SenseBoard	Tie
COG	165.5	165.4	138.8	150.2	174.9	183.9	1101	1101	3.245	3.41		Gian Stragiotti	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	Tie
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	Tie
Total_lines	139.4	nan	45.3	nan	199	nan	1101	nan	28.04	nan			

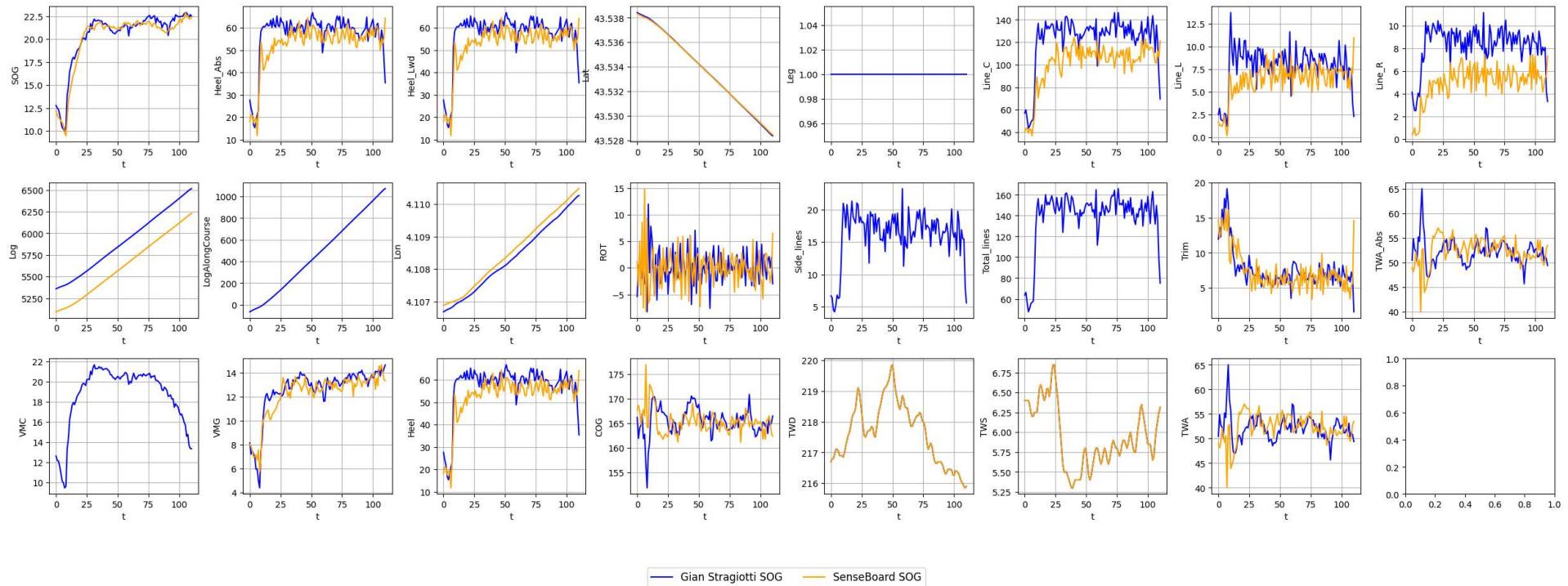
Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	1157.198737	1136.614138
Straight Line [m]	1155.628813	1135.003429
Distance as Percentage of Straight Line [%]	100.135850	100.141912

Gain of Gian Stragiotti with respect 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

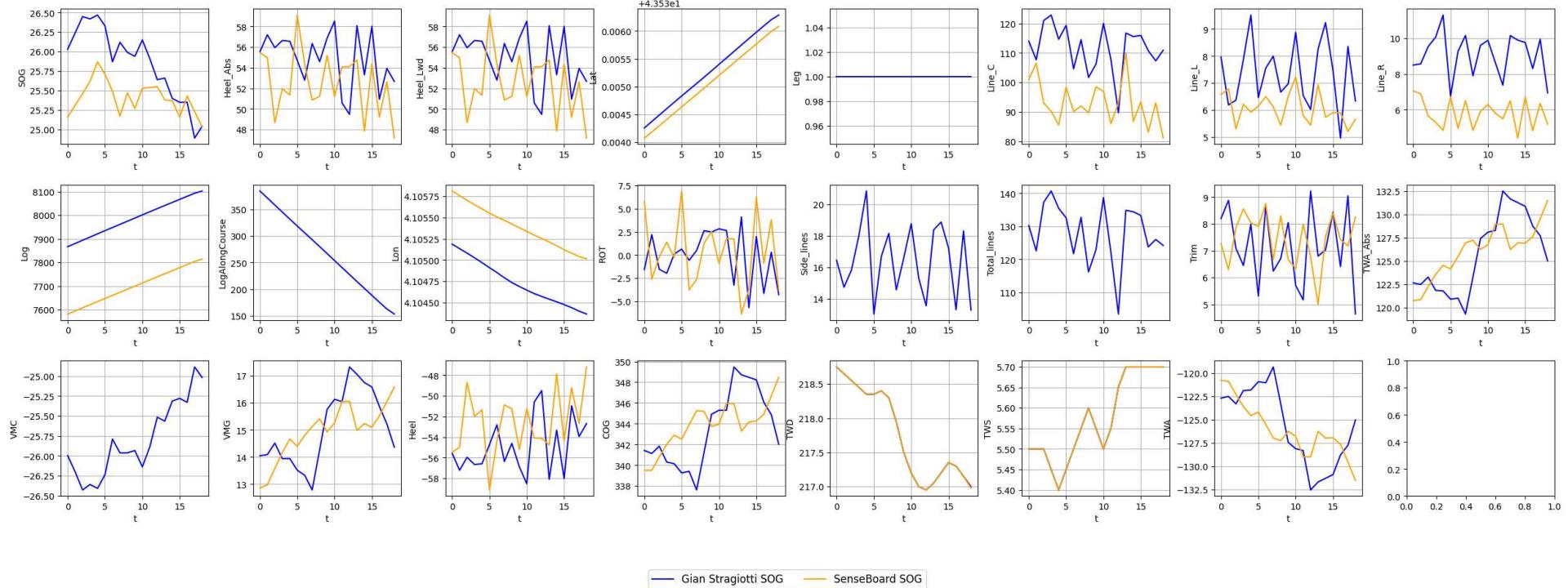
Interval 1: Upwind from 2025-06-10 12:27:59 to 2025-06-10 12:29:50: Gian Stragiotti vs SenseBoard - Parameters over time

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

	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)	Winner (Overall)
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	Tie
VMG	15.05	14.9	12.31	11.8	17.8	18.02	185	186	1.404	1.173	Gian Stragiotti	SenseBoard	Tie
COG	343.5	343.7	336.3	336.7	351.6	353	185	186	3.744	2.932	SenseBoard	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	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	Tie
Total_lines	128.2	nan	92.9	nan	152.9	nan	185	nan	11.98	nan			
Distance Summary													
			Gian Stragiotti	SenseBoard									
	Distance [m]	244.499191	241.777793										
	Straight Line [m]	243.980670	241.468835										
	Distance as Percentage of Straight Line [%]	100.212525	100.127949										
Gain of Gian Stragiotti with respect 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									
	Gain per Minute	-8.213682	-4.209952	1.377494									

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



Processing: ..\Data_Sailnjord\Straight_lines\10_06\10_06_Run10
Processing only reduced intervals for Karl Maeder vs SenseBoard

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

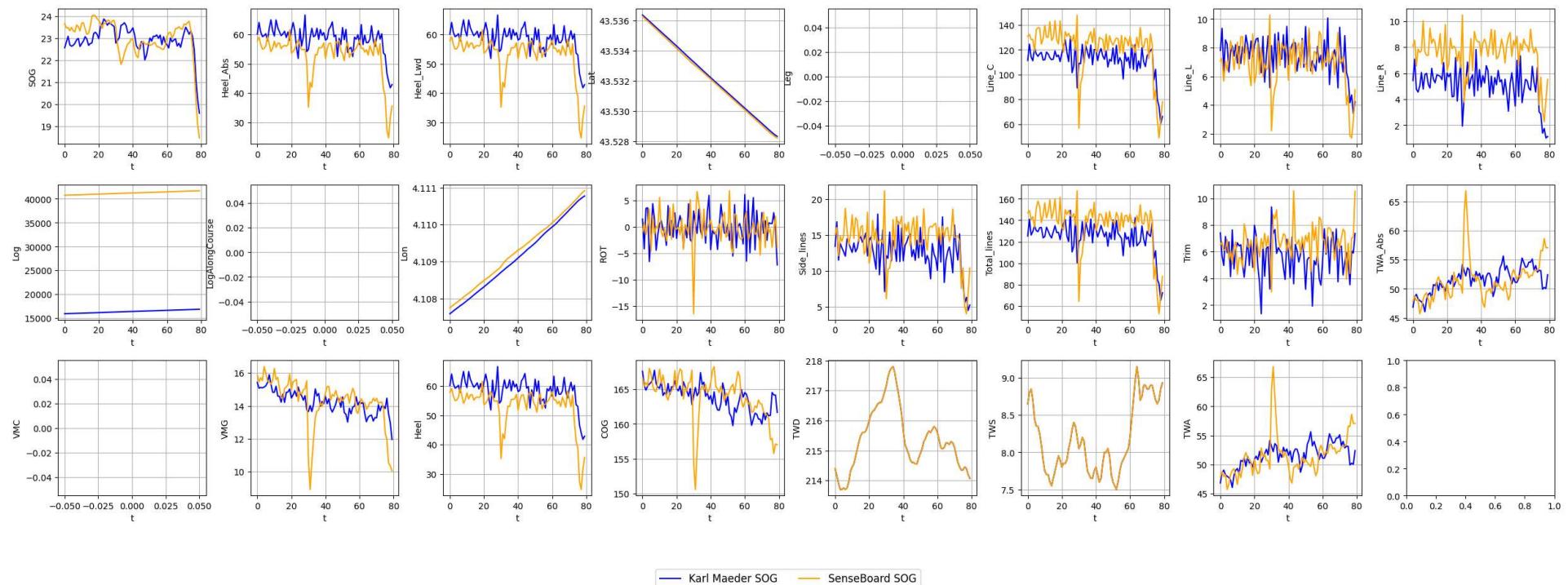
Run Statistics

	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	8.165	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 Maeder
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 Maeder
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]	936.936881	937.914000	
Straight Line [m]	935.984422	935.997948	
Distance as Percentage of Straight Line [%]	100.101760	100.204707	
Gain of Karl Maeder with respect 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 1: Upwind from 2025-06-10 13:48:50 to 2025-06-10 13:50:19: Karl Maeder vs SenseBoard - Parameters over time

=====
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)	Winner (Overall)
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	Karl Maeder
VMG	23.86	22.84	22.9	21.16	24.72	23.93	48	49	0.3702	0.7042	Karl Maeder	Karl Maeder	Karl Maeder
COG	354.1	351.7	350.7	347.4	357	355.1	48	49	1.455	1.88			Karl Maeder
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	Karl Maeder
Side_lines	11.85	16.68	6.4	9.1	18.9	22.3	48	49	2.489	2.853	SenseBoard	Karl Maeder	Tie
Line_C	91.22	101.2	73.2	85.4	113.4	124.3	47	49	10.43	9.142	SenseBoard	SenseBoard	SenseBoard
Total_lines	102.6	117.3	83.7	101.9	119.9	135.5	48	49	10.43	9.341	SenseBoard	SenseBoard	SenseBoard

Distance Summary

Karl Maeder SenseBoard

Distance [m]	69.582201	70.490347
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Straight Line [m]	69.559690	70.450270
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Distance as Percentage of Straight Line [%]	100.032362	100.056888
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Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

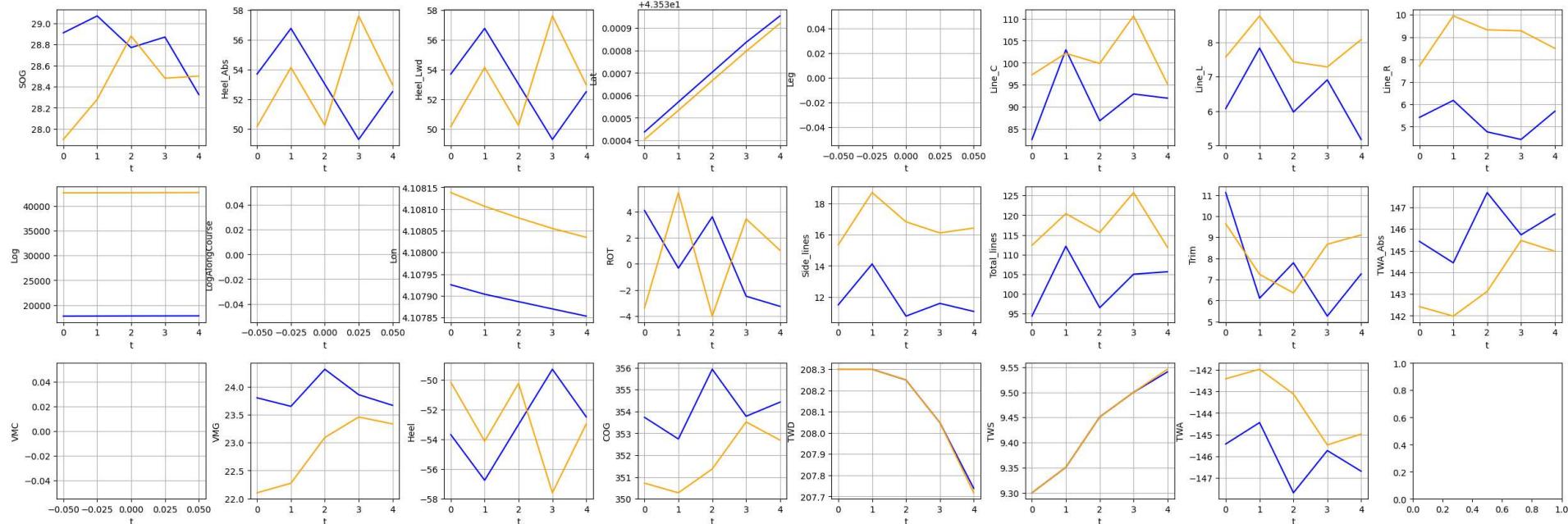
Initial Deficit	-5.180038	-17.120777	-5.289817
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Final Deficit	-4.349756	-14.171948	-4.327410
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Total Gain	0.830282	2.948829	0.962408
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Gain per Minute	10.653741	37.837839	12.349115
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Interval 2: Downwind from 2025-06-10 13:51:38 to 2025-06-10 13:52:04: Karl Maeder vs SenseBoard - Parameters over time



— Karl Maeder SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\10_06\10_06_Run2

Processing only reduced intervals for Gian Stragiotti vs SenseBoard

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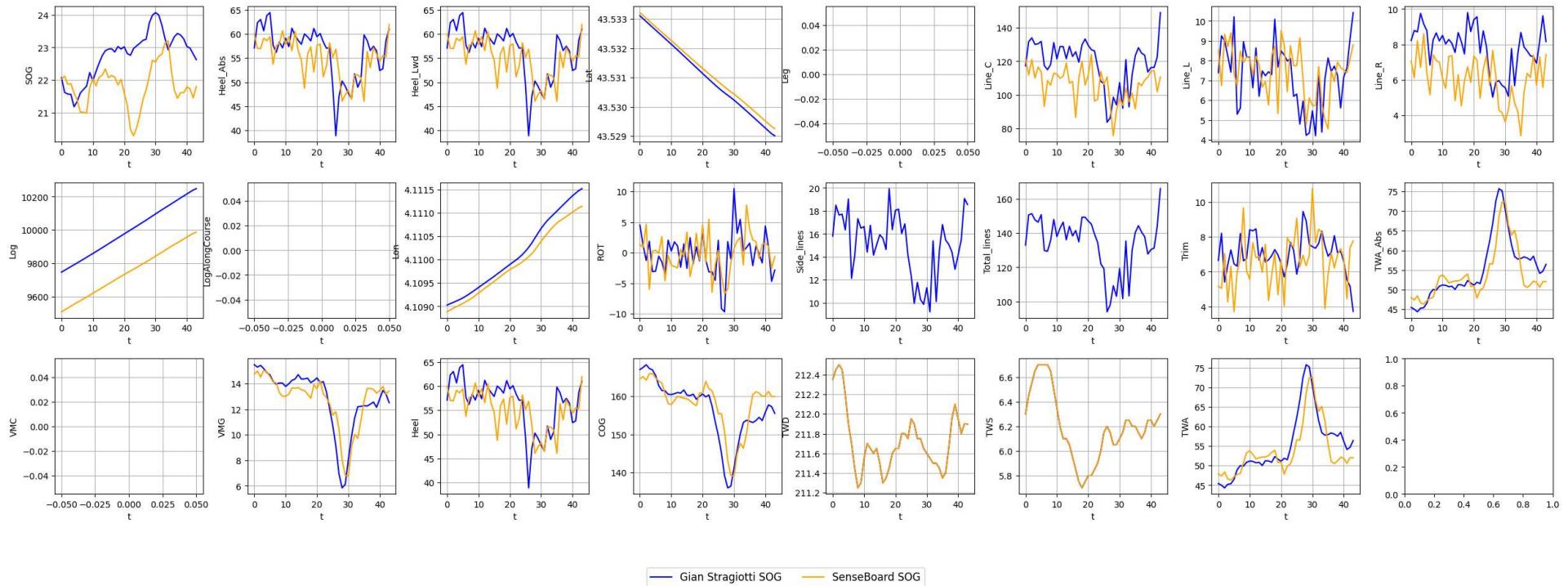
MainReport

	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)	Winner (Overall)
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	Tie
VMG	12.82	12.71	4.652	5.367	16.18	16.19	434	434	2.464	2.092	Gian Stragiotti	SenseBoard	Tie
COG	156.6	157.8	132.8	135.3	170.3	169.9	434	434	8.11	7.012		SenseBoard	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	Tie
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	Tie
Total_lines	133.8	nan	86.2	nan	169.7	nan	434	nan	17.57	nan			

Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	508.303139	485.604798
Straight Line [m]	503.122346	481.880658
Distance as Percentage of Straight Line [%]	101.029728	100.772835
Gain of Gian Stragiotti with respect to SenseBoard		
Forward	6.098047	-4.124326
Lateral	-15.973419	-37.278148
VMG	-4.124326	17.054827
Initial Deficit	-4.124326	-7.308231
Final Deficit	-37.278148	-21.304729
Total Gain	-21.304729	10.956780
Gain per Minute	10.956780	-3.183905
	-29.526338	-4.412591

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



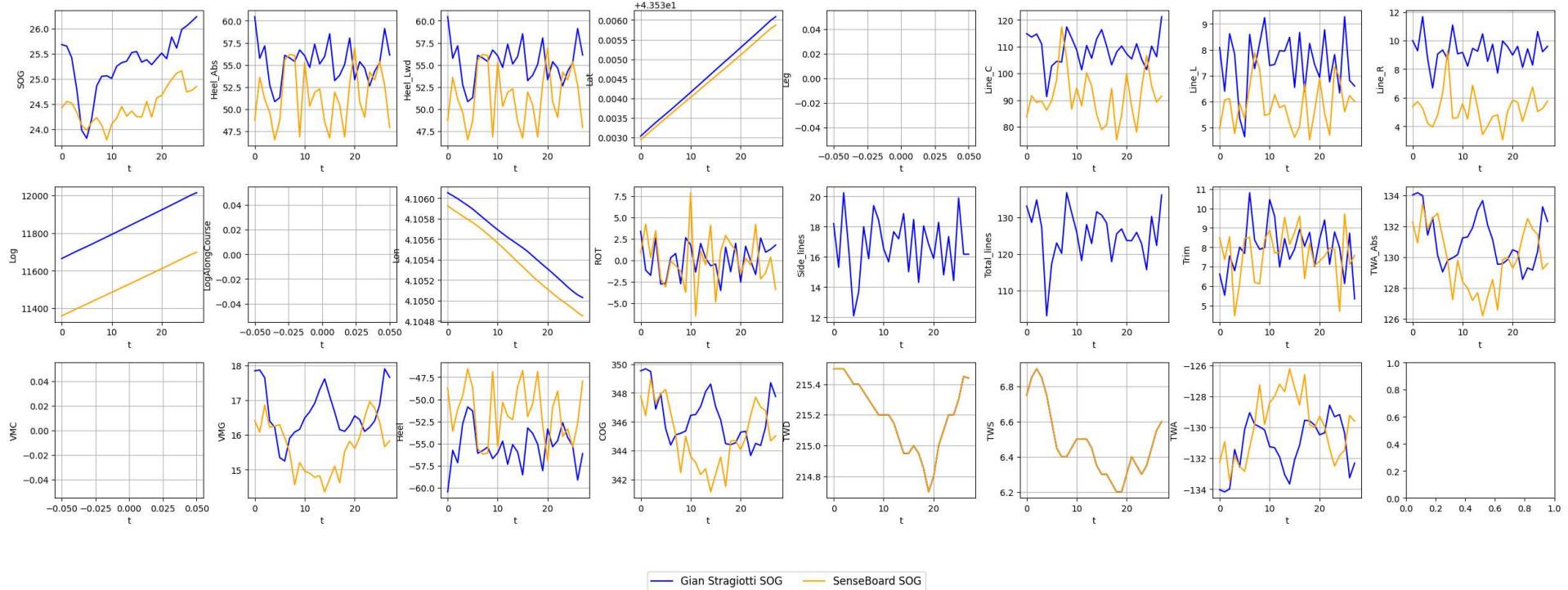
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Interval 2: Downwind from 2025-06-10 12:39:11 to 2025-06-10 12:40:27: Gian Stragiotti vs SenseBoard
=====

	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)	Winner (Overall)
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	Tie
VMG	16.64	15.66	14.75	12.92	18.75	17.65	276	276	0.7869	0.9458	Gian Stragiotti	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	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	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	Gian Stragiotti
Total_lines	125.3	nan	97.8	nan	149	nan	276	nan	9.32	nan			

Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	358.308531	345.970137
Straight Line [m]	358.079681	345.550654
Distance as Percentage of Straight Line [%]	100.063910	100.121396
Gain of Gian Stragiotti with respect to SenseBoard		
Forward	Initial Deficit	Final Deficit
12.313998	-7.499289	-20.139156
14.207365	19.931331	28.260071
7.617333	-12.639866	-27.584912
14.052706	16.623866	30.668255
Gain per Minute		

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



Processing: ..\Data_Sailnjord\Straight_lines\10_06\10_06_Run3
Processing only reduced intervals for Gian Stragiotti vs SenseBoard

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

MainReport

	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)	Winner (Overall)		
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	Tie		
VMG	14.18	13.94	11	10.87	17.24	16.69	817	817	1.219	1.068	Gian Stragiotti	SenseBoard	Tie		
COG	164.4	163.6	157.6	154	172.9	172.2	817	817	2.735	2.802	Gian Stragiotti	Gian Stragiotti	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	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	Gian Stragiotti		
Total_lines	145.8	nan	107	nan	177.7	nan	817	nan	11.51	nan					

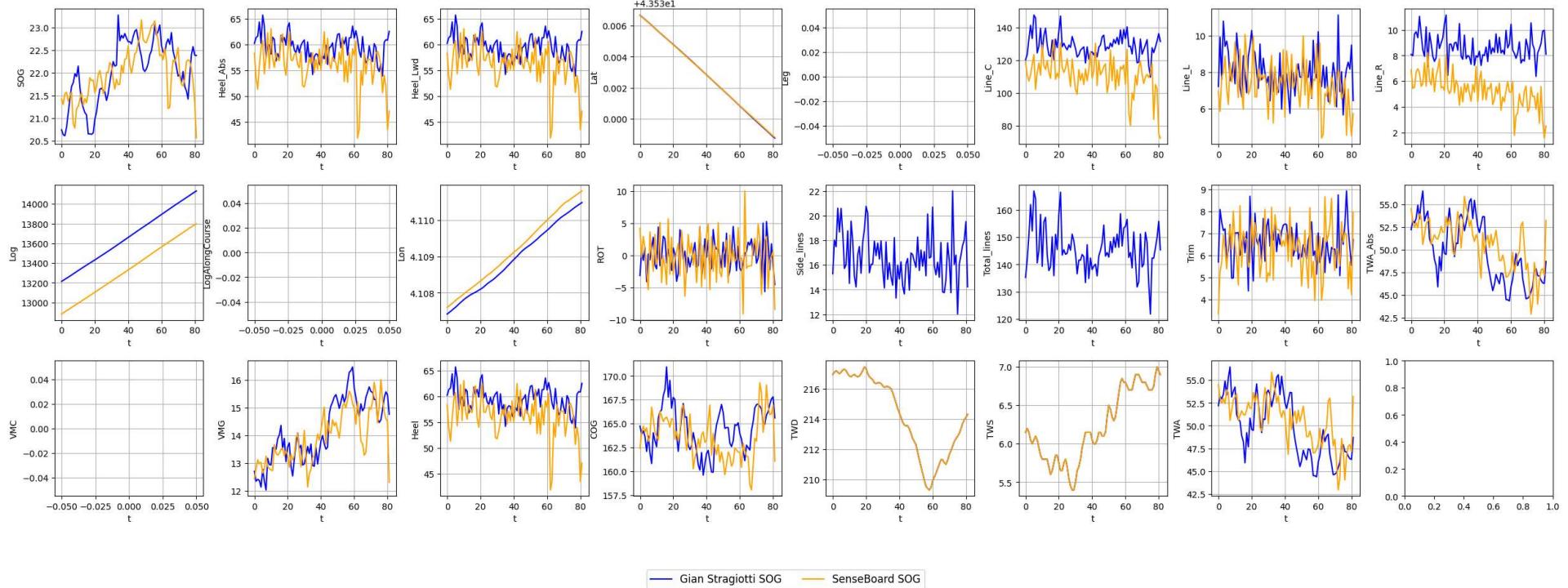
Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	925.149143	923.051831
Straight Line [m]	924.090342	921.946804
Distance as Percentage of Straight Line [%]	100.114578	100.119858

Gain of Gian Stragiotti with respect 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 1: Upwind from 2025-06-10 12:43:36 to 2025-06-10 12:45:21: Gian Stragiotti vs SenseBoard - Parameters over time

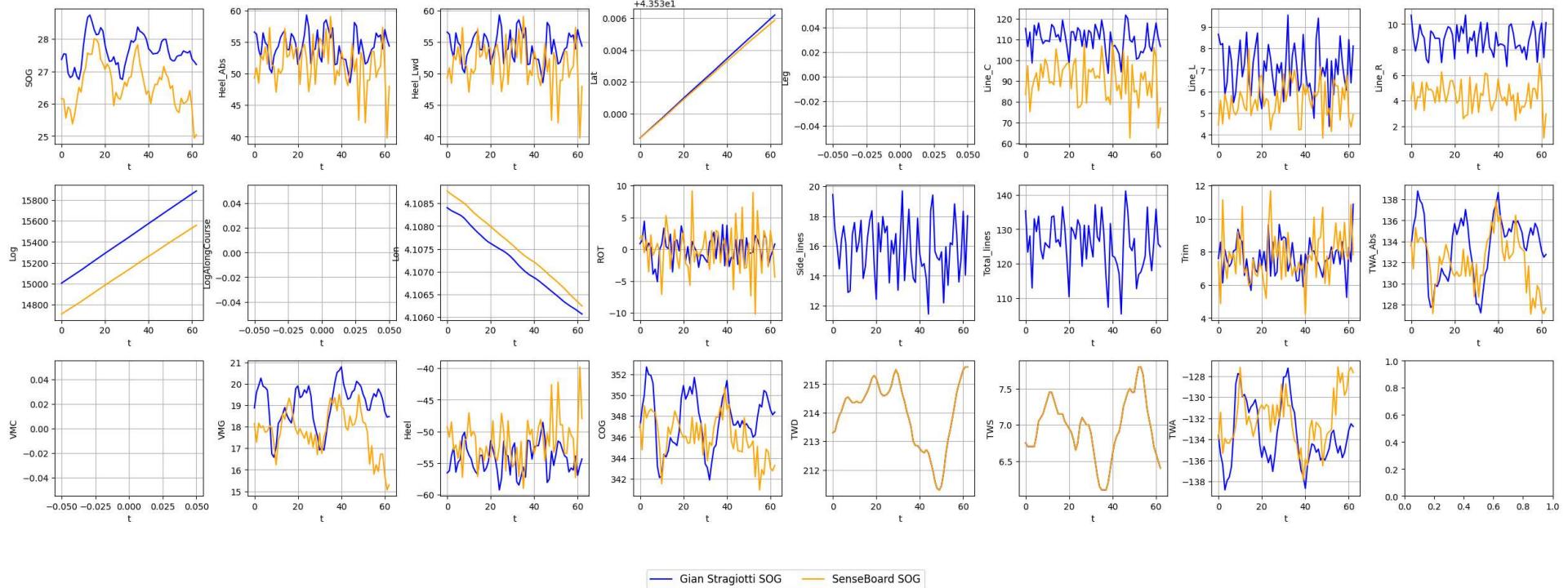


===== Interval 2: Downwind from 2025-06-10 12:46:53 to 2025-06-10 12:48:02: Gian Stragiotti vs SenseBoard =====

MainReport

	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)	Winner (Overall)		
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	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	Gian Stragiotti		
COG	347.6	346	340.5	337.2	354.8	352.4	629	630	2.841	2.677		SenseBoard	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	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	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]		893.009657	859.997185											
	Straight Line [m]		891.911140	859.064415											
	Distance as Percentage of Straight Line [%]		100.123164	100.108580											
Gain of Gian Stragiotti with respect 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 2: Downwind from 2025-06-10 12:46:53 to 2025-06-10 12:48:02: Gian Stragiotti vs SenseBoard - Parameters over time



Processing: ..\Data_Sailnjord\Straight_lines\10_06\10_06_Run4
Processing only reduced intervals for Gian Stragiotti vs SenseBoard

=====
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)	Winner (Overall)
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	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	Gian Stragiotti
COG	152.6	153.3	147.2	145.5	157.6	161.5	482	482	1.913	2.713		Gian Stragiotti	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	Tie
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	Tie
Total_lines	146.2	nan	112.3	nan	177.2	nan	482	nan	11.85	nan			

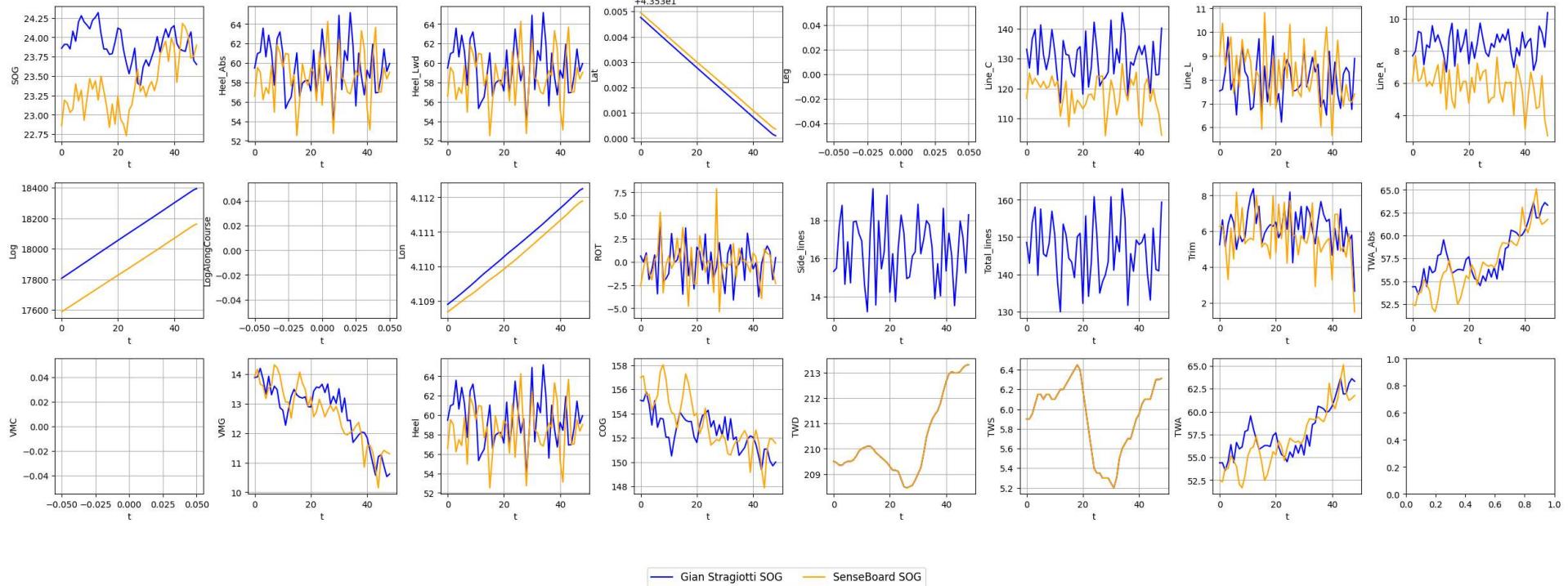
Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	591.639844	579.053187
Straight Line [m]	591.305669	578.407351
Distance as Percentage of Straight Line [%]	100.056515	100.111658

Gain of Gian Stragiotti with respect 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 1: Upwind from 2025-06-10 12:52:19 to 2025-06-10 12:53:48: Gian Stragiotti vs SenseBoard - Parameters over time



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

MainReport

	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)	Winner (Overall)
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	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	Gian Stragiotti
COG	351.2	350.8	345	343.5	355.5	359.5	543	543	1.682	2.732		Gian Stragiotti	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	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	Gian Stragiotti
Total_lines	131	nan	102	nan	167.8	nan	543	nan	10.84	nan			

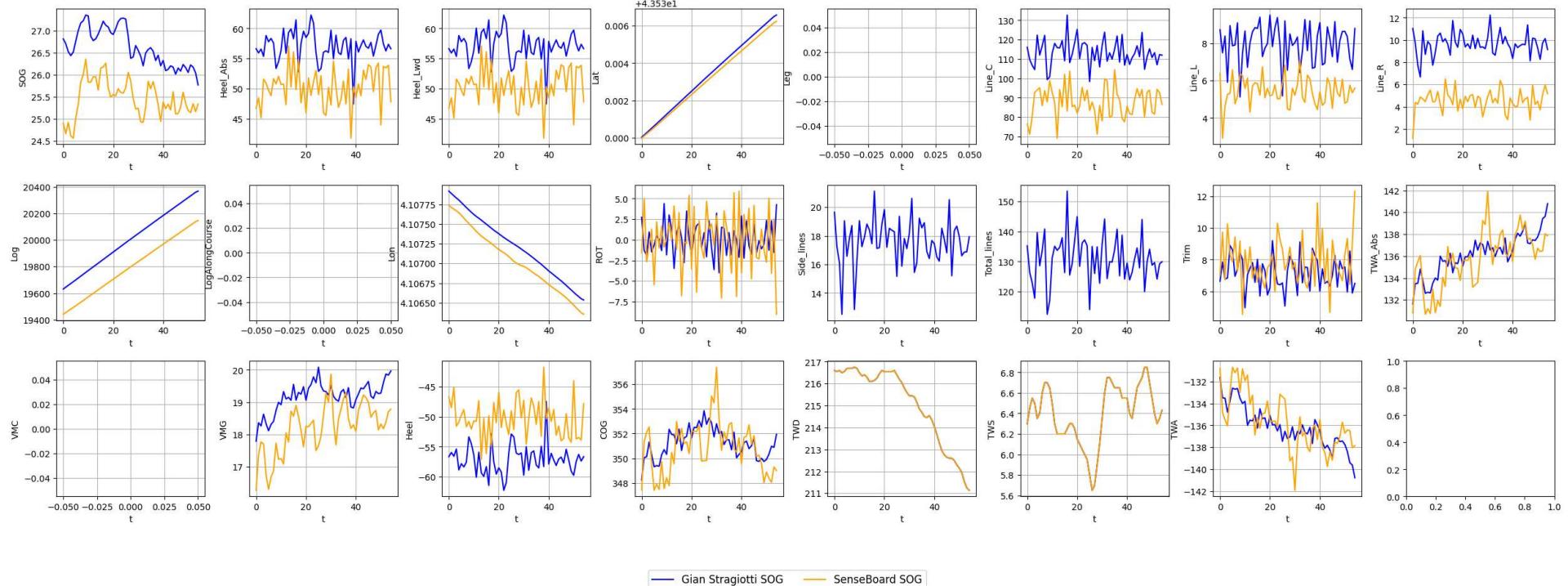
Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	742.451311	710.758342
Straight Line [m]	742.128938	709.951102
Distance as Percentage of Straight Line [%]	100.043439	100.113704

Gain of Gian Stragiotti with respect 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 2: Downwind from 2025-06-10 12:55:37 to 2025-06-10 12:56:54: Gian Stragiotti vs SenseBoard - Parameters over time



Processing: ..\Data_Sailnjord\Straight_lines\10_06\10_06_Run5
 Processing only reduced intervals for Gian Stragiotti vs SenseBoard

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

	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)	Winner (Overall)
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	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	Gian Stragiotti
COG	159.4	159.1	151.1	149.7	167.7	169.3	858	858	2.991	3.551		Gian Stragiotti	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	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	Gian Stragiotti
Total_lines	147.8	nan	107.2	nan	180.2	nan	858	nan	11.41	nan			

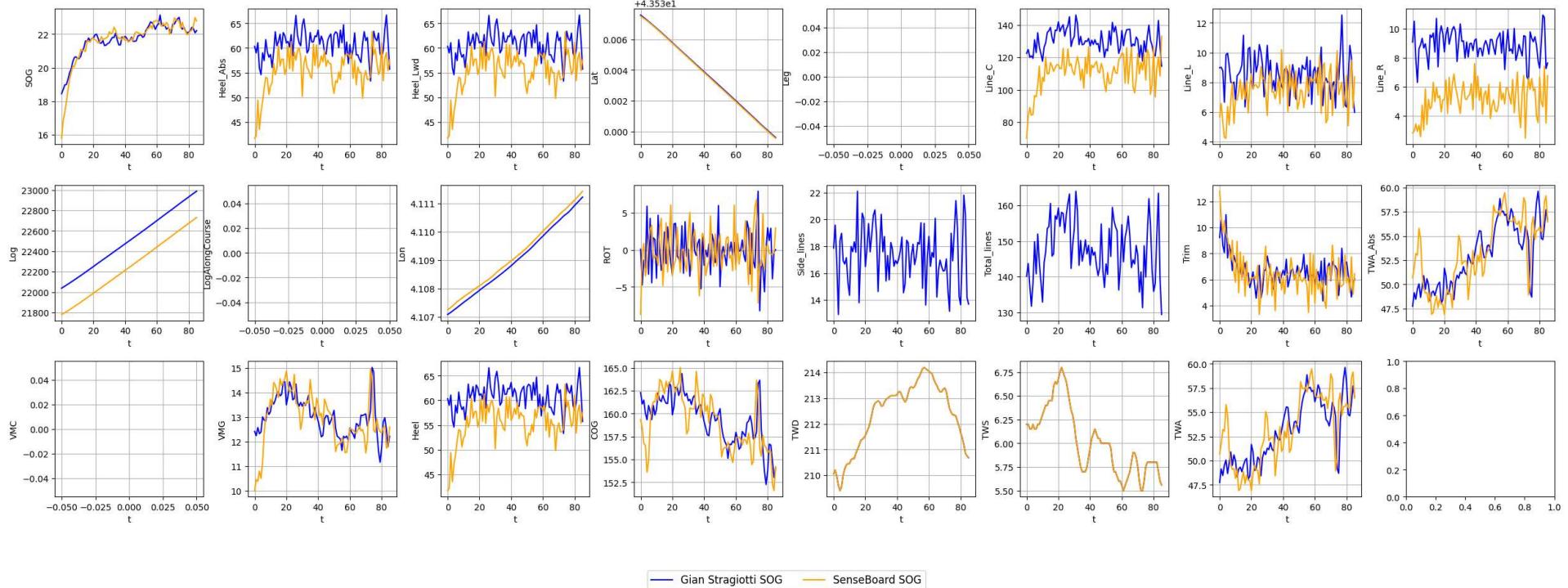
Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	956.893367	956.150112
Straight Line [m]	955.577756	954.260987
Distance as Percentage of Straight Line [%]	100.137677	100.197967

Gain of Gian Stragiotti with respect 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 1: Upwind from 2025-06-10 13:01:46 to 2025-06-10 13:03:25: Gian Stragiotti vs SenseBoard - Parameters over time



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

	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)	Winner (Overall)
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	Tie
VMG	20.39	19.82	18.32	17.2	22.31	21.71	211	211	0.7615	0.8936	Gian Stragiotti	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	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	Gian Stragiotti
Side_lines	16.37	nan	7.2	nan	23.6	nan	211	nan	3.324	nan			
Line_C	106.5	86.7	67.9	62.9	139.7	113	211	210	13.17	11.06	Gian Stragiotti	SenseBoard	Tie
Total_lines	122.8	nan	78.5	nan	160.4	nan	211	nan	15.23	nan			

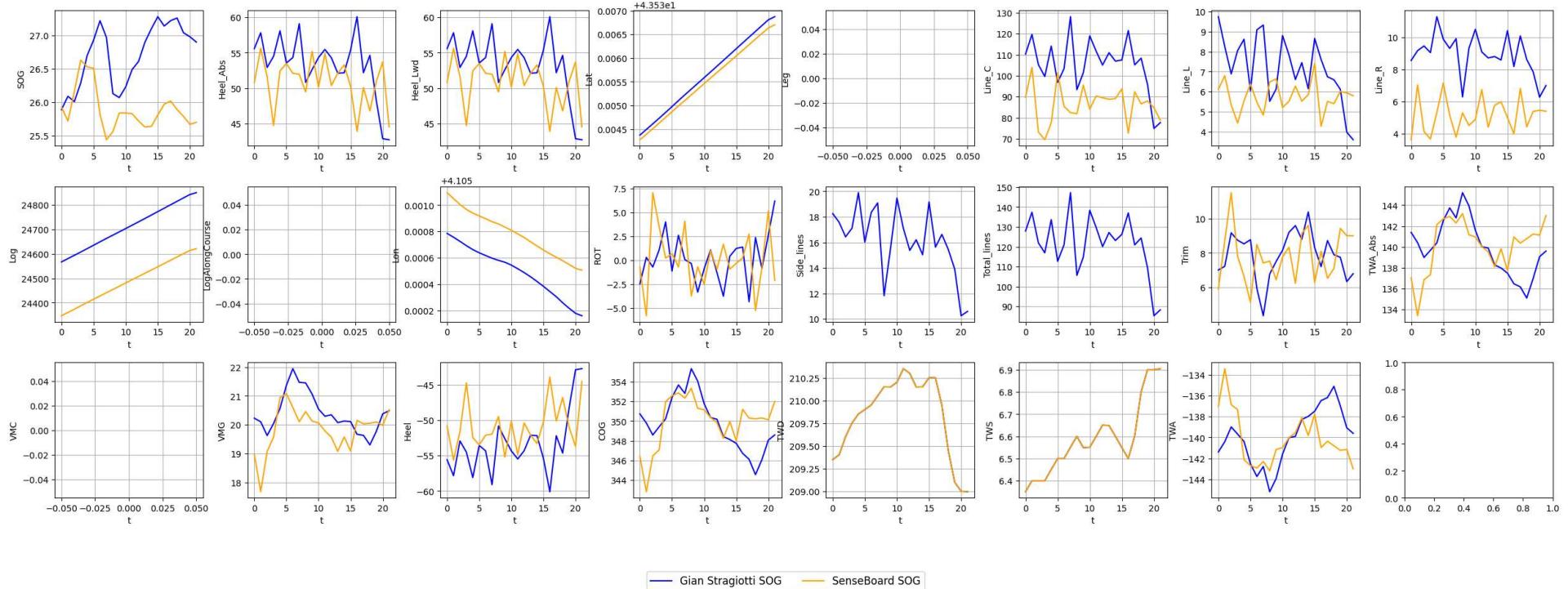
Distance Summary

	Gian Stragiotti	SenseBoard
Distance [m]	288.781272	279.934924
Straight Line [m]	288.381736	279.535443
Distance as Percentage of Straight Line [%]	100.138544	100.142909

Gain of Gian Stragiotti with respect 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 2: Downwind from 2025-06-10 13:05:07 to 2025-06-10 13:06:21: Gian Stragiotti vs SenseBoard - Parameters over time



Processing: ..\Data_Sailnjord\Straight_lines\10_06\10_06_Run6
Processing only reduced intervals for Karl Maeder vs SenseBoard

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

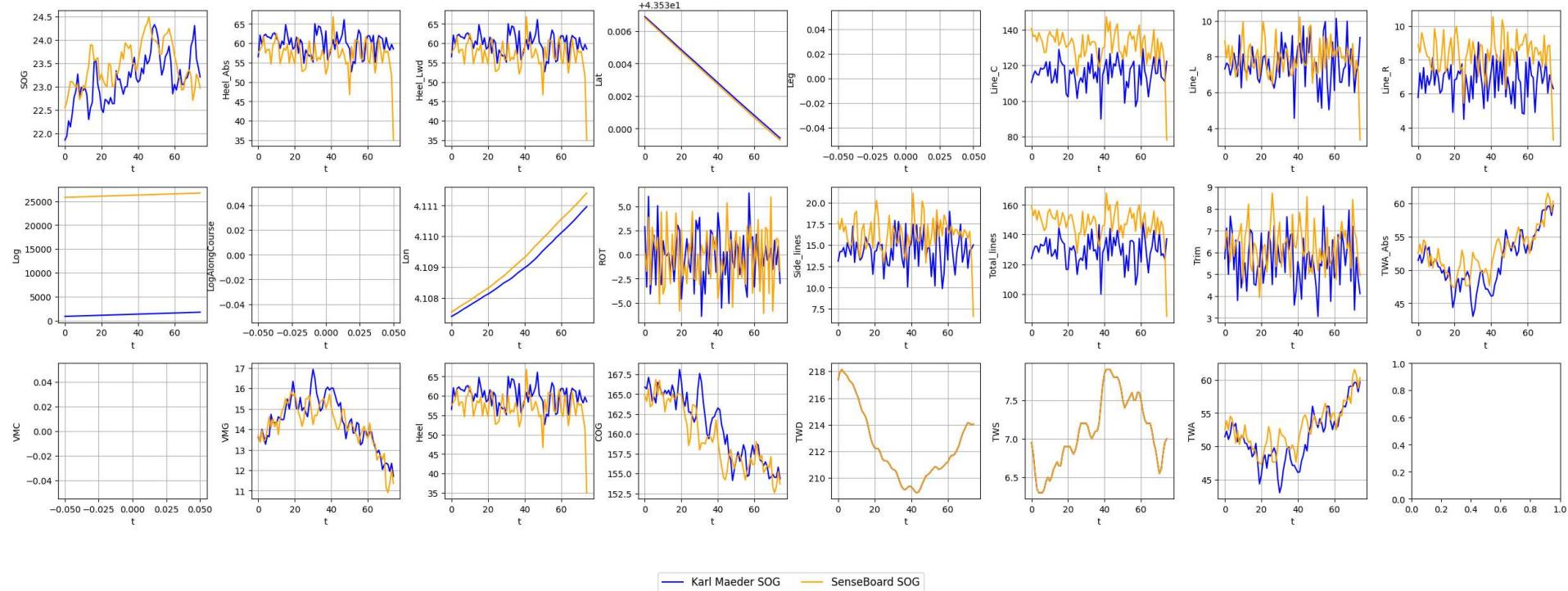
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Winner (Overall)
TWS	7.096	7.096	6.3	6.3	7.9	7.9	750	750	0.4535	0.4534			
TWD	212.4	212.4	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	SenseBoard
VMG	14.39	14.17	11.34	9.814	17.69	16.66	750	750	1.259	1.214	Karl Maeder	SenseBoard	Tie
COG	161	159.6	150.3	149.7	170.8	169.4	750	750	4.4	4.248	SenseBoard	SenseBoard	
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	Karl Maeder
Side_lines	14.43	16.27	5.7	4.3	24.2	30.6	750	750	3.079	4.012	SenseBoard	Karl Maeder	Tie
Line_C	115.2	131.2	71	51.7	144	162	746	750	10.89	13.01	SenseBoard	Karl Maeder	Tie
Total_lines	129.5	147.7	82.3	56	166.1	184	750	750	12.42	14.88	SenseBoard	Karl Maeder	Tie

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	890.675536	903.586881
Straight Line [m]	888.001234	901.115547
Distance as Percentage of Straight Line [%]	100.301160	100.274253
Gain of Karl Maeder with respect to SenseBoard		
Forward	Lateral	VMG
Initial Deficit	11.485398	-7.758011
Final Deficit	24.304385	-29.141632
Total Gain	12.818987	-21.383621
Gain per Minute	10.268744	-17.129508
		-6.984306

MainReport

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



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 Interval 2: Downwind from 2025-06-10 13:15:44 to 2025-06-10 13:16:57: Karl Maeder vs SenseBoard
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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	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	Karl Maeder
VMG	20.89	20.04	17.99	17.13	23.02	22.17	570	570	0.7673	0.8389	Karl Maeder	Karl Maeder	Karl Maeder
COG	350.7	349.4	344.8	341.3	357.1	358.4	570	570	2.25	2.417			Karl Maeder
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	Tie
Side_lines	11.42	16.95	2.6	6.8	19.8	25.1	570	570	2.919	3.155	SenseBoard	Karl Maeder	Tie
Line_C	89.44	106.5	54.4	78.1	116.6	140.7	569	570	11.51	11.27	SenseBoard	SenseBoard	SenseBoard
Total_lines	101.3	123.5	61	87.4	133.5	155	570	570	13.18	12.77	SenseBoard	SenseBoard	SenseBoard

Distance Summary

Karl Maeder SenseBoard

Distance [m]	798.192657	780.491742
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Straight Line [m]	797.574680	779.797649
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Distance as Percentage of Straight Line [%]	100.077482	100.089009
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Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

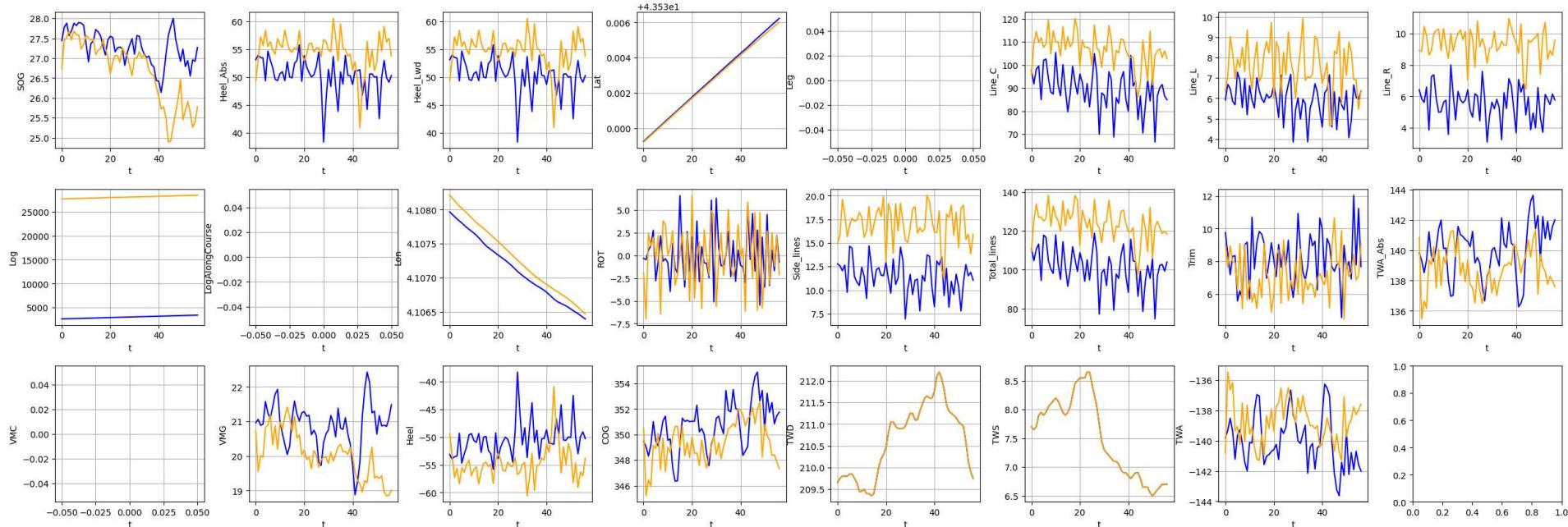
Initial Deficit	-7.077100	-18.704618	-6.592065
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Final Deficit	-25.086952	-1.359395	18.352698
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Total Gain	-18.009852	17.345222	24.944763
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Gain per Minute	-18.993727	18.292789	26.307491
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Interval 2: Downwind from 2025-06-10 13:15:44 to 2025-06-10 13:16:57: Karl Maeder vs SenseBoard - Parameters over time



— Karl Maeder SOG — SenseBoard SOG

Processing: ../Data_Sailnjord/Straight_lines\10_06\10_06_Run7
Processing only reduced intervals for Karl Maeder vs SenseBoard

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=====
Interval 1: Upwind from 2025-06-10 13:21:42 to 2025-06-10 13:23:40: Karl Maeder vs SenseBoard
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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	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	SenseBoard
VMG	13.2	13.38	5.829	4.664	16.89	17.34	1010	1010	2.098	2.399	SenseBoard	Karl Maeder	Tie
COG	158.1	157.7	145.6	147.2	190.3	169.2	1010	1010	5.664	4.372	SenseBoard	SenseBoard	
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	Karl Maeder
Side_lines	12.82	15.84	3.7	3.2	24.2	28.6	1010	1010	3.744	4.259	SenseBoard	Karl Maeder	Tie
Line_C	107.5	125.4	49.7	41	140.2	165.1	1008	1010	17.43	20.31	SenseBoard	Karl Maeder	Tie
Total_lines	120.1	141.3	54	45.4	159.1	179	1010	1010	19.41	22.97	SenseBoard	Karl Maeder	Tie

Distance Summary

Karl Maeder SenseBoard

Distance [m] 1106.212963 1120.868244

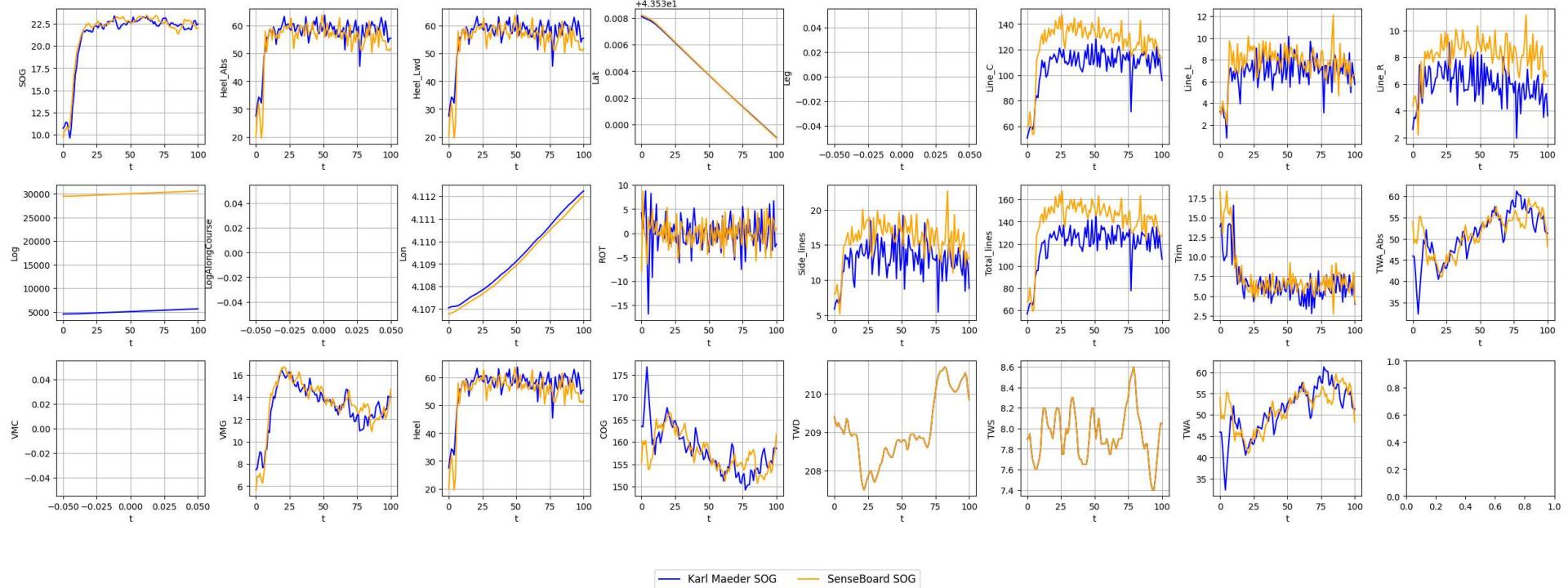
Straight Line [m] 1101.780036 1117.570101

Distance as Percentage of Straight Line [%] 100.402342 100.295117

Gain of Karl Maeder with respect 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 1: Upwind from 2025-06-10 13:21:42 to 2025-06-10 13:23:40: Karl Maeder vs SenseBoard - Parameters over time

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Interval 2: Downwind from 2025-06-10 13:25:06 to 2025-06-10 13:26:22: Karl Maeder vs SenseBoard
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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	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	Tie
VMG	21.33	21.8	19.77	19.64	22.85	23.21	229	229	0.548	0.6476	SenseBoard	Karl Maeder	Tie
COG	350.1	351.4	344.5	343.7	357.5	358.4	229	229	2.352	2.992		Karl Maeder	Karl Maeder
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	Tie
Side_lines	10.25	17.12	2.6	7.7	20.4	24.6	229	229	3.206	2.972	SenseBoard	SenseBoard	SenseBoard
Line_C	86.47	108.3	56	77.9	123.4	133.6	228	229	11.96	10.95	SenseBoard	SenseBoard	SenseBoard
Total_lines	97.14	125.3	60.7	88.4	141.7	154.5	229	229	14.29	11.96	SenseBoard	SenseBoard	SenseBoard

Distance Summary

Karl Maeder SenseBoard

Distance [m] 321.337726 323.140340

Straight Line [m] 321.069915 322.706443

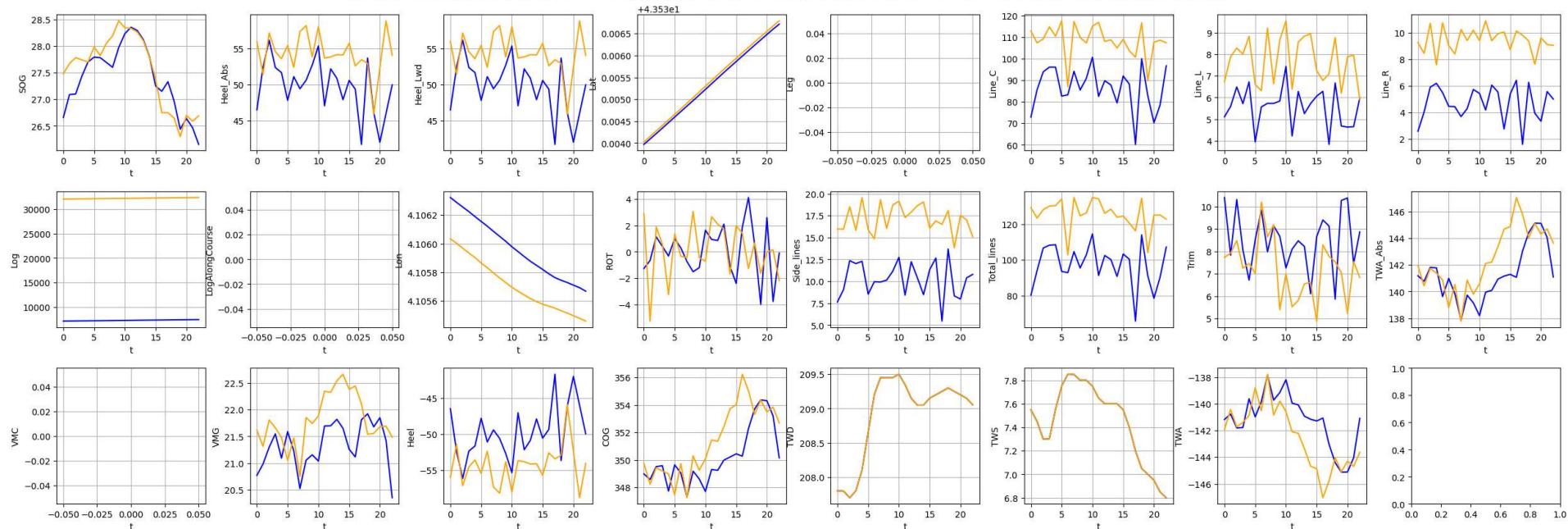
Distance as Percentage of Straight Line [%] 100.083412 100.134455

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

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



Processing: ../Data_Sailnjord/Straight_lines\10_06\10_06_Run8
 Processing only reduced intervals for Karl Maeder vs SenseBoard

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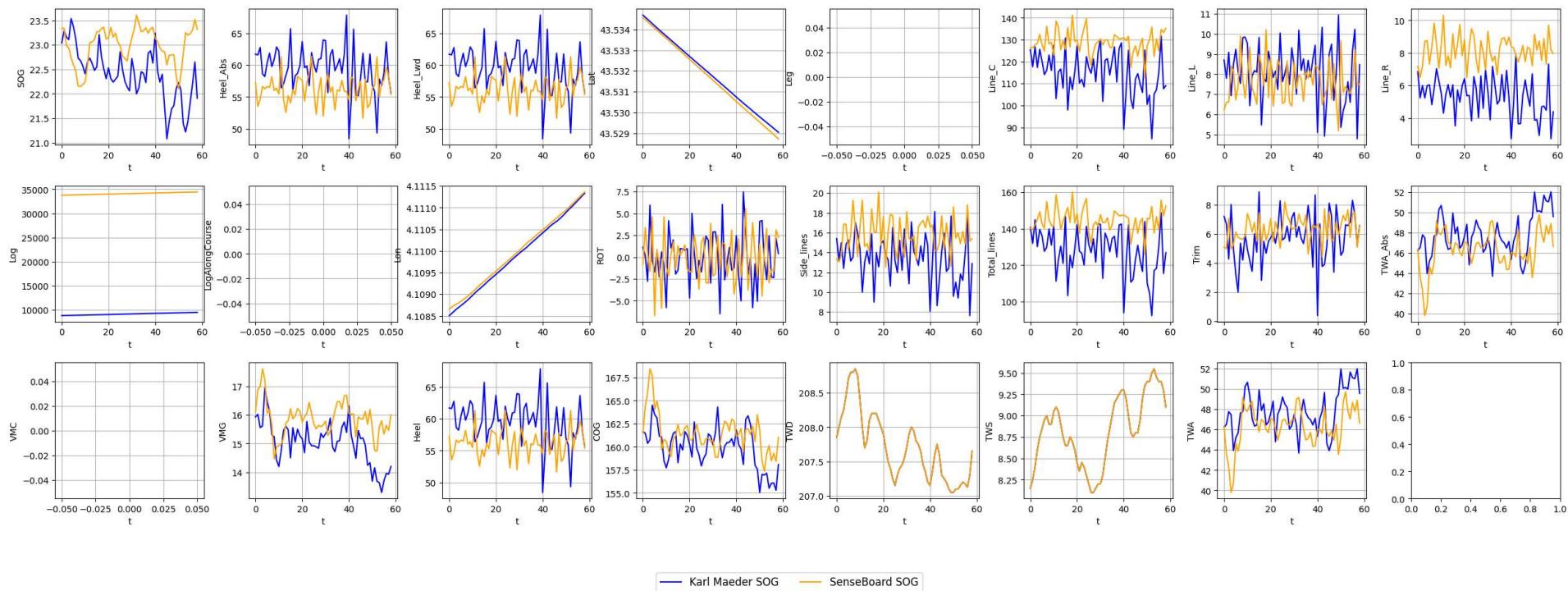
Run Statistics

	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	8.826	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	SenseBoard
VMG	15.05	15.87	12.33	13.58	17.41	18.34	590	590	0.9166	0.7432	SenseBoard	SenseBoard	SenseBoard
COG	159.9	161.4	151.8	154.9	168.9	171.1	590	590	2.849	2.573		SenseBoard	SenseBoard
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	Tie
Side_lines	13.41	15.83	4	7.6	24.8	28.4	590	590	3.602	3.788	SenseBoard	Karl Maeder	Tie
Line_C	114.6	128.9	66.3	95.8	144.4	156.7	588	590	13.39	10.48	SenseBoard	SenseBoard	SenseBoard
Total_lines	127.7	144.8	73	106.7	166.2	178.4	590	590	15.51	12.05	SenseBoard	SenseBoard	SenseBoard

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	678.578119	696.403517
Straight Line [m]	677.756261	695.699934
Distance as Percentage of Straight Line [%]	100.121262	100.101133
Gain of Karl Maeder with respect to SenseBoard		
Forward	15.998795	-7.103798
Lateral	5.491314	
VMG		
Initial Deficit	33.764144	9.961959
Final Deficit	30.067781	
Total Gain	17.765349	17.065757
Gain per Minute	24.576467	
Gain per Minute	18.095901	17.383292
Gain per Minute	25.033750	

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



— Karl Maeder SOG — SenseBoard SOG

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Interval 2: Downwind from 2025-06-10 13:35:23 to 2025-06-10 13:36:22: Karl Maeder vs SenseBoard
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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	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	SenseBoard
VMG	21.15	21.26	18.79	19.39	23.32	22.78	230	230	1.07	0.6354	SenseBoard	SenseBoard	SenseBoard
COG	348.6	348.6	339.6	343.5	355.2	353.9	230	230	3.371	1.847			
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	SenseBoard
Side_lines	10.59	16.89	3	10.2	18.6	24.2	230	230	3.028	2.944	SenseBoard	SenseBoard	SenseBoard
Line_C	84.06	106.8	60.8	78.4	125.3	133.9	230	230	13.31	9.432	SenseBoard	SenseBoard	SenseBoard
Total_lines	94.16	123.7	64.5	91.1	130.1	153.8	230	230	14.82	10.6	SenseBoard	SenseBoard	SenseBoard

Distance Summary

Karl Maeder SenseBoard

Distance [m] 319.043384 320.110662

Straight Line [m] 318.521739 319.943535

Distance as Percentage of Straight Line [%] 100.163771 100.052236

Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

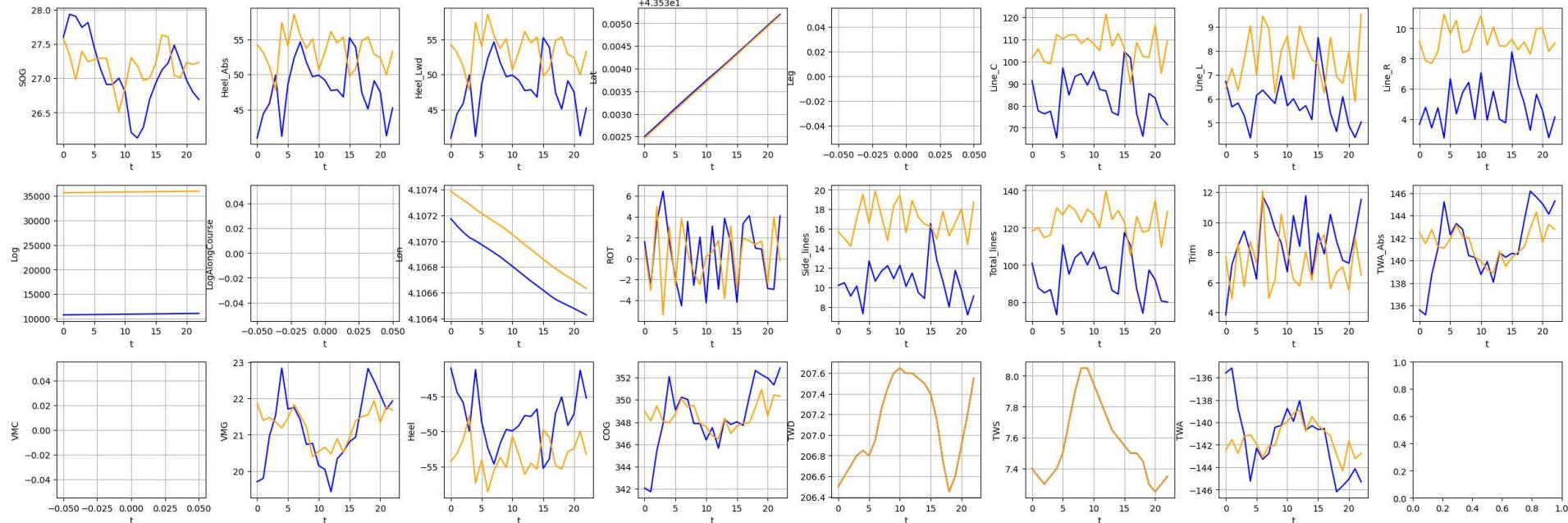
Initial Deficit -7.071518 -15.473834 -4.110463

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



Karl Maeder SOG	SenseBoard SOG
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Processing: ../Data_Sailnjord/Straight_lines\10_06\10_06_Run9
 Processing only reduced intervals for Karl Maeder vs SenseBoard

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

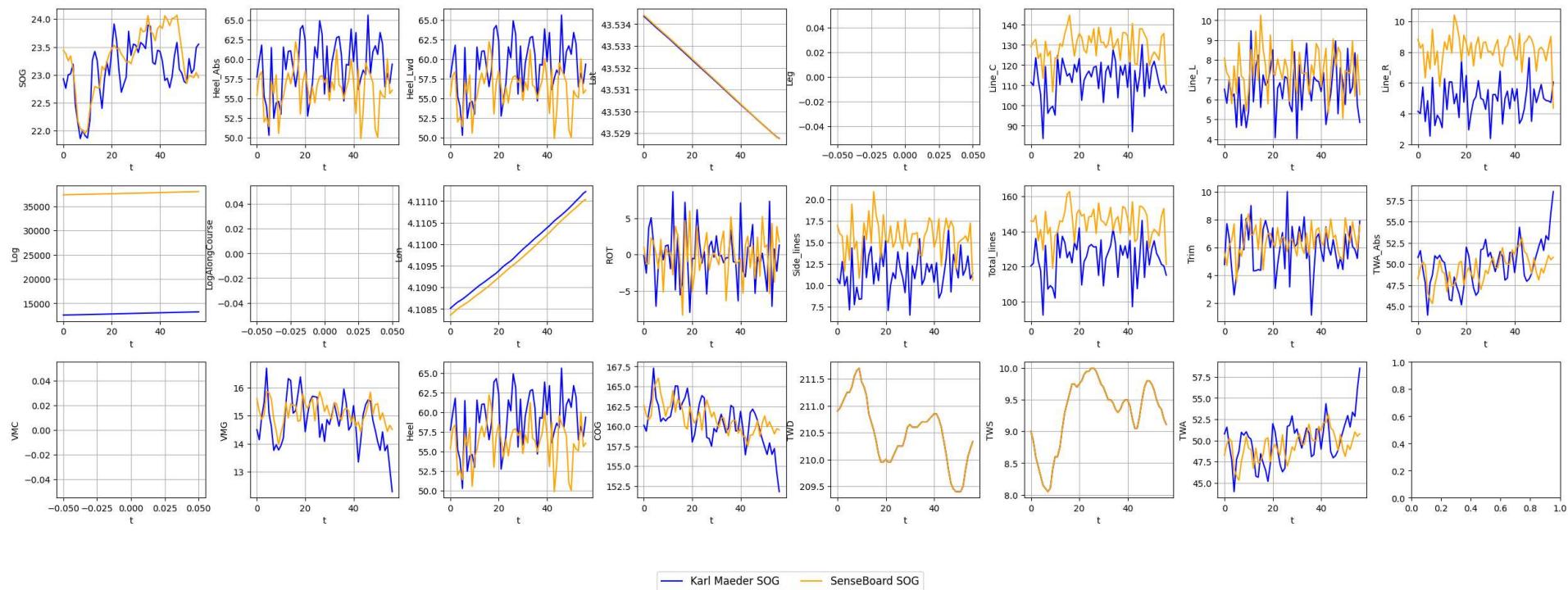
	Avg (Karl Maeder)	Avg (SenseBoard)	Min (Karl Maeder)	Min (SenseBoard)	Max (Karl Maeder)	Max (SenseBoard)	Count (Karl Maeder)	Count (SenseBoard)	StdDev (Karl Maeder)	StdDev (SenseBoard)	Winner (Avg)	Winner (StdDev)	Winner (Overall)
TWS	9.307	9.307	8.005	8.005	10	10	562	562	0.5419	0.5418			
TWD	210.5	210.5	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	Tie
VMG	14.86	15.12	12.22	12.43	17.82	16.99	562	562	1.008	0.6719	SenseBoard	SenseBoard	SenseBoard
COG	160.7	161.1	151.5	155.8	170.3	171.3	562	562	3.248	2.495		SenseBoard	SenseBoard
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	Tie
Side_lines	11.5	15.7	3.2	7.7	24	27.2	562	562	3.796	3.712	SenseBoard	SenseBoard	SenseBoard
Line_C	113.1	129.7	68.5	89	151.1	158.3	561	562	14.86	11.91	SenseBoard	SenseBoard	SenseBoard
Total_lines	124.7	145.2	76.6	101.6	174.5	179.5	562	562	16.33	13.03	SenseBoard	SenseBoard	SenseBoard

Distance Summary

	Karl Maeder	SenseBoard
Distance [m]	665.342594	671.339652
Straight Line [m]	664.260859	670.702859
Distance as Percentage of Straight Line [%]	100.162848	100.094944
Gain of Karl Maeder with respect to SenseBoard		
Forward	9.610727	0.786487
Lateral	-10.168994	9.610727
VMG	8.611711	-3.725766
Initial Deficit	6.443227	4.801851
Final Deficit	7.825224	6.891398
Total Gain	5.135853	8.369522
Gain per Minute		

MainReport

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



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)	Winner (Overall)
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	SenseBoard
VMG	21.21	21.68	18.95	19.67	22.78	23.52	222	222	0.9375	0.8309	SenseBoard	SenseBoard	SenseBoard
COG	349.7	350.1	345.2	343.7	355.6	356	222	222	2.084	2.402	Karl Maeder	Karl Maeder	Karl Maeder
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	Tie
Side_lines	10.53	16.04	1.3	8.8	21.1	23.3	222	222	3.035	2.562	SenseBoard	SenseBoard	SenseBoard
Line_C	85.55	104.2	55.3	75.7	117.2	125.3	221	222	12.69	10.87	SenseBoard	SenseBoard	SenseBoard
Total_lines	96.3	120.3	63	84.5	131.5	145.2	222	222	14.7	12	SenseBoard	SenseBoard	SenseBoard

Distance Summary

Karl Maeder SenseBoard

Distance [m]	307.456524	312.816863
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Straight Line [m]	307.257012	312.536050
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Distance as Percentage of Straight Line [%]	100.064933	100.089850
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Gain of Karl Maeder with respect to SenseBoard

Forward Lateral VMG

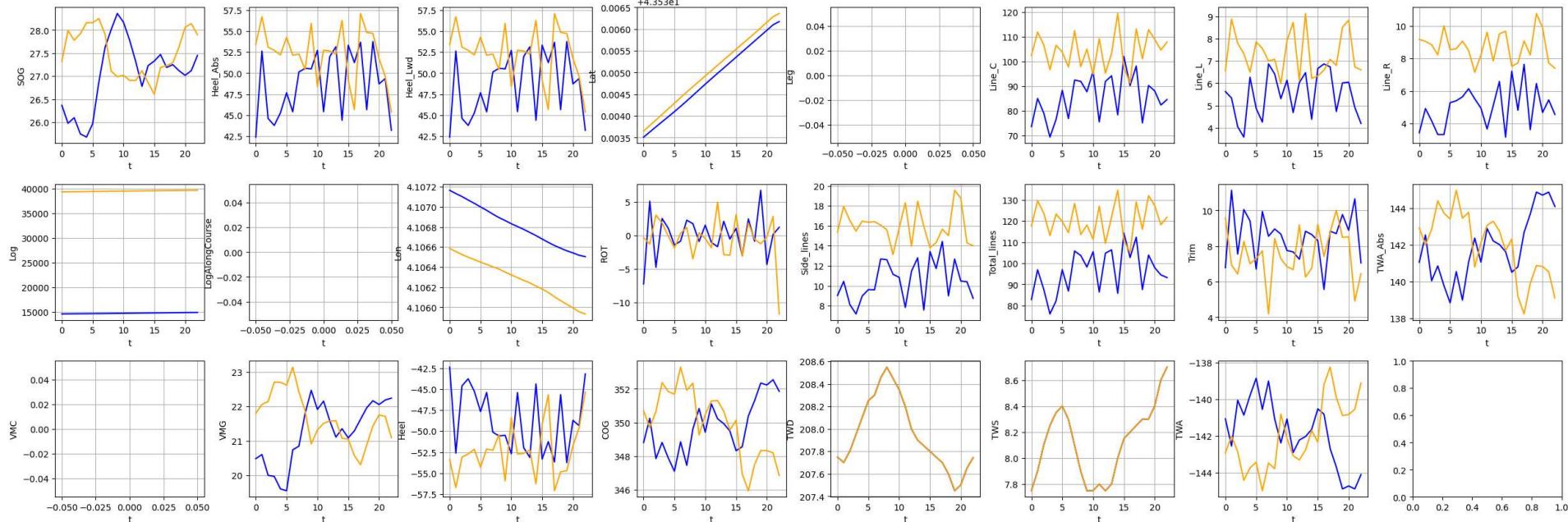
Initial Deficit	23.350925	43.449911	8.553650
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Final Deficit	28.635811	41.711644	3.326872
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Total Gain	5.284887	-1.738267	-5.226777
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Gain per Minute	14.346161	-4.718636	-14.188420
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Interval 2: Downwind from 2025-06-10 13:42:11 to 2025-06-10 13:43:22: Karl Maeder vs SenseBoard - Parameters over time



— Karl Maeder SOG — SenseBoard SOG