I am pleased to be able to have **Satori** back on SOL, albeit that it will be intermittingly as I have increased responsibilities at home. I thought that I should get the barnacles off **Satori's** keel to enable us to do our best at defending our 2022 and 2023 Lake Ontario Series Championships, which starts with the Susan Hood Trophy Race on Friday, May 31st. That is obviously going to be difficult for **Satori** as you SOLers are racing more and just getting better and better. I hope sharing my thoughts on this Mellum to Trischen Sprint will contribute to our collective improvement and be particularly useful for those new to SOL, notwithstanding that **Satori** only had a 9th place finish. Yes, I still have some secrets to learn from the high ranking SOLers and **Team Italia,** who I am told have been frequently appearing among the Top Ten finishers, particularly in the long distance blue water races!

As you know, this was a typically tight sprint race with only 56 seconds separating the Top Ten in the 4hrs 39mins 35 secs it took for **ita10267** to win the Race by a mere 14 seconds ahead of **sassy63** followed by **WRmirekd** and **CriticalHippo,** who had a photo-finish 5 seconds later which tied them for 3rd place, separated by a SOL server decision. We all should have known that every second would count.

This race was going to be about efficiency, attending to WX's promptly, and there was one scheduled 1hr and 30 mins after the 09:00 UTC start. Yes, it was scheduled for 10:30 UTC but I noted in the SOL weather bar that it might show up 5 mins earlier, based on the WX in effect at the Start. It did just that and I was there to get it for a new routing. How many seconds can you give up in that 5 mins? Fortunately there was not a major weather change, but I think it favoured the boats to the south-east more than the windward boats to the north-west.

I knew that a QT vlm routing, by itself, was not going to win the race for **Satori**. I have used QT enough to know that its optimization can be improved upon, and that is particularly so in longer races but it also proved to be so in this 30 nm race.

With every second counting, why was **WRmirekd** sitting on the starting line already lined up with his starting COG, while Satori was not lined up with the COG of her starting DC? Should I have also entered the Delayed Start COG in the Steering module? I saw this in the AGL boat data log before the start. Did this cause **Satori** a "computer second"?

Looking at the weather ahead using the SOL weather slider it looked like it was going to be something of a header with the north-east wind oscillating slightly to the north, so it was not going to be a rhumbline course. It looked like it was going to be one tack after clearing Mellum Island, if **Satori** went north.

I know that I have to improve the efficiency of my tacking and gybing. I can easily lose 10-15 seconds on a mark rounding and I have to get to tighter rounding. In trying to do this I tacked seconds too early in the Bay to Bay Race and had to reround a mark. **WRmirekd** and **FreyjaUSA**, among other high rankers, have it down to a science and, if you watch them, even the server track initially makes it look like they have rounded early! I was pleased to see that there were no mark-roundings in this race unless it was going to be necessary to tack back to the Finish Line. That got me thinking, can you finish by crossing the Finish Line from the wrong direction? There was still the tacking Performance Loss to be considered. The high ranking SOLers know how to do this efficiently, as does AGL, which I was using. Is another second at risk here?

Looking at the course and the forecasted wind direction made it clear that the option of which direction to leave the Starting Line to clear Mellum Island was going to be serious consideration. This was going to be BS and wind pressure to the north versus a shorter distance to the south. I knew going north I would have to cut down on the distance by hugging cape on the coastline of Mellum Island using the "extra zoom" in the SOL settings. This can be worth several seconds or more and you know the high ranking SOLers will be literally scraping the coastline. If you are using AGL this can help keep you from BBQing but I also double-check in extra zoom, after posting my DC's to SOL, to make use that Satori is not BBQing. I will make some minor adjustments using the Steering Module to get even closer to the coastline without BBQing. I will be awake and ready at the helm. It is a 5:00 am start here. The performance loss from restarting after BBQing is usually not worth being too too aggressive, but advantage can be gained. I will look to see if any of the high ranking competition is closer to the coastline of Mellum Island than **Satori**.

I did some QT routing before the start. The 2 WX's before the one immediately before the start had **Satori** leaving Mellum Island along the south coast. The last WX before the start had **Satori** going north with a one minute improvement in the finish time (no seconds are included in the QT routing time). I prefer being to windward and going north would provide this advantage if any of the fleet decided to go along the south coast for the shorter distance. So I decided to go north and was pleased to see that the WX after the start of the race improved **Satori** finishing time to 13:40 UTC, an improvement of 4 mins. The 27 seconds not shown in this QT predicted time, of course, made the difference from 6th to 9th place for **Satori**!

14 of the boats racing went north to round Mellum Island and 37 went east along the south coast. Of the Top Ten ranked boats, 3 were not racing. 3 went north (**WRmirekd** (finished 3rd), **Sax747** (10) & **CollegeFund** (11)) and 4 went south (**FreyjaUSA** (5), **sassy63** (2), **CriticalHippo** (4) & **BRENTGRAY** (35)), as did the winner, **ita10267**.

The trade-off in going north vs south of Mellum Island was BS vs distance. For example, in round numbers – **Satori** in the north travelled 31.89 nms at an average BS of 6.82 knts while **ita10267** in the south travelled 31.39 nms at an average BS of 6.74 knts and this was the difference between 1st and 9th place. (The FCPA accountant at work!)

18 mins into the Race here is the fleet in AGL going north to round Mellum Island. You can see that **WRmirekd** has already tacked which proved to be to his advantage.
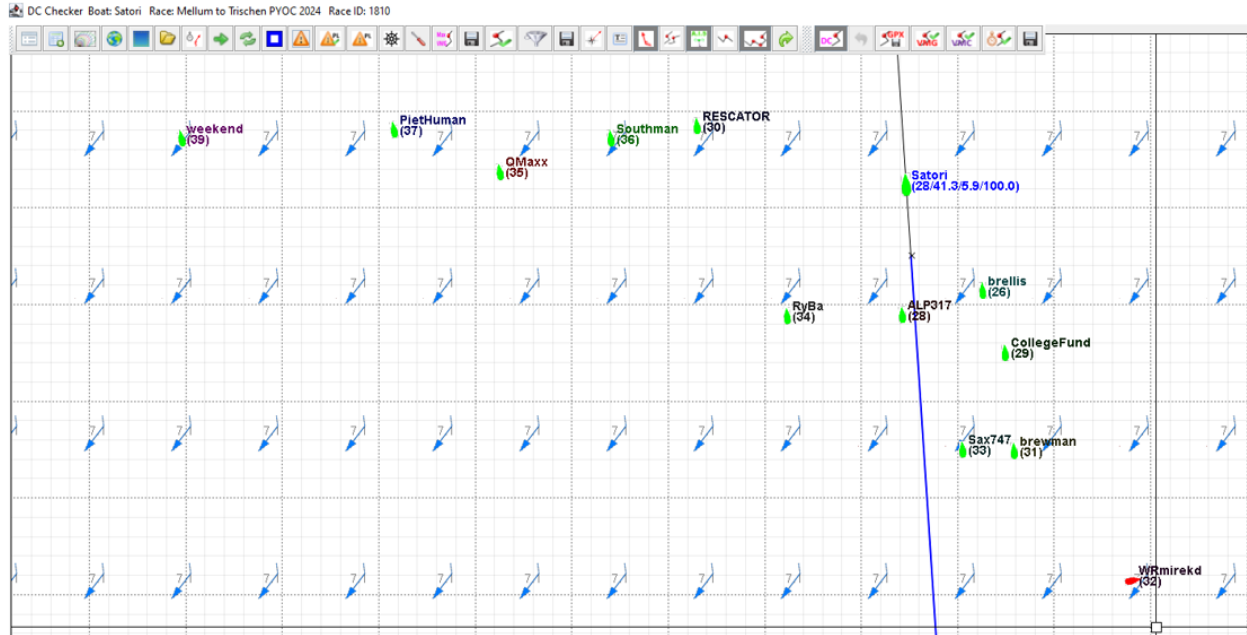
And, here is the fleet in AGL that choose to go along the south coast of Mellum Island.
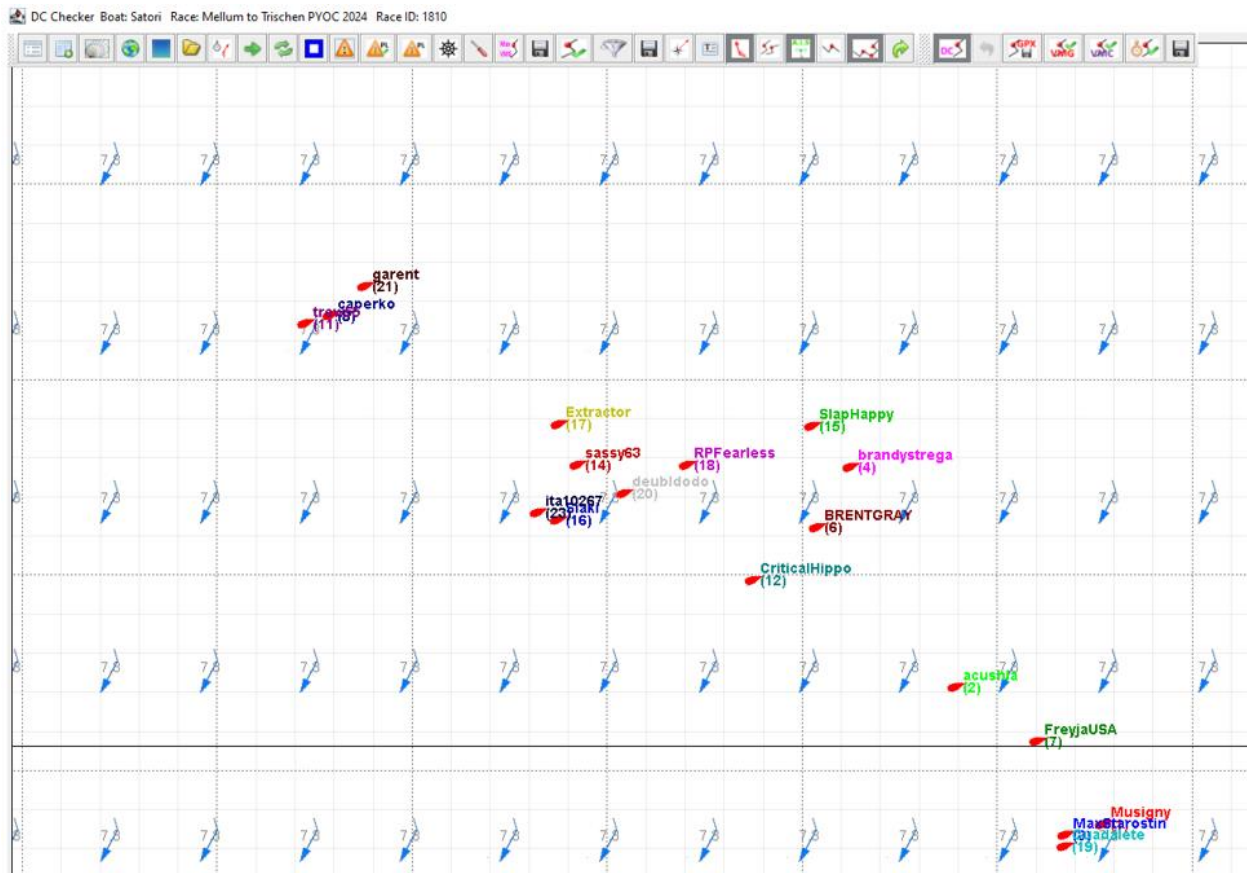
Should **Satori** have tacked earlier? 26 minutes into the race, **WRmirekd** is down closer to the north coast of Mellum Island on a shorter course with a better BS 6.046 knts vs **Satori** 6.032 knts. DTG **WRmirekd** 28.067 nm vs **Satori** 28.187 nm. Distance advantage 0.120 nm. Boats south of Mellum Island have better BS and shorter distance – **Musigny** is leading BS 6.405 knts and DTG 27.360 nm. **Ita10267, sassy67, CriticalHippo** and **FreyjaUSA,** are in this group.
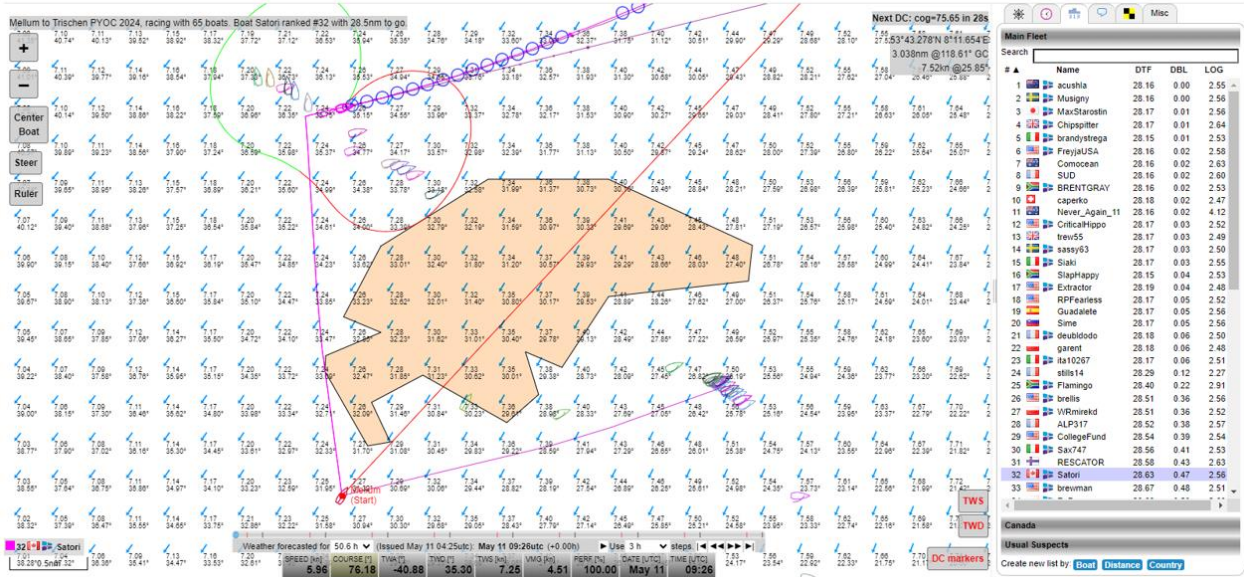
Satori's route and the fleets 58 mins into the race. There are 4 late tackers still heading north.
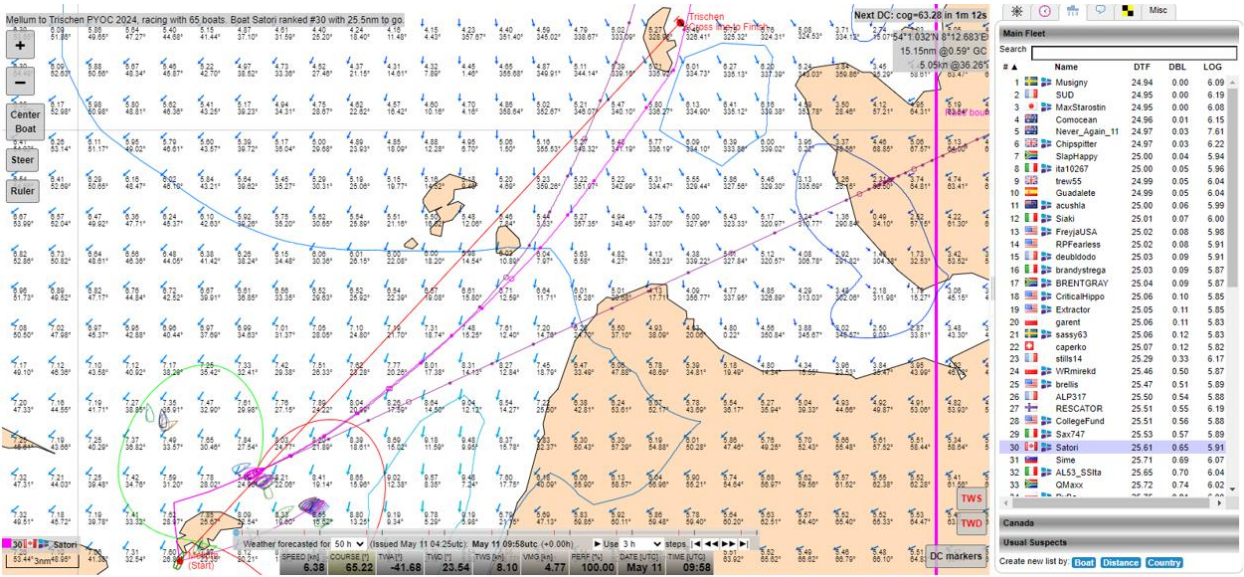
An hour and 17 minutes into the race the fleet to the south-east are entering a high pressure zone with a 0.40 knt WS advantage and a BS advantage - **Musigny** 6.713 knts vs **WRmirekd** 6.523 knts in the north. You can see the track of **Sime** who left the fleet to the south to join those in the north. The only one to do so.
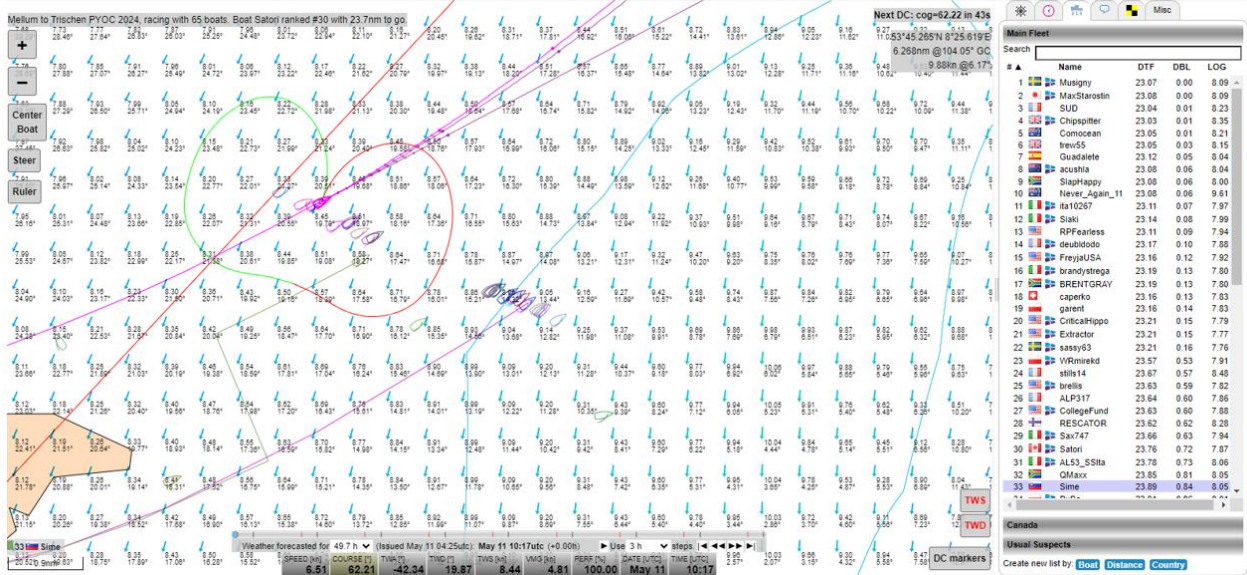
Here are the fleets at 10:33 UTC immediately after the new WX. Satori has an ETA of 13:40 UTC (actual 13:40:27 UTC). You can see the track of **Chipspitter**, who the SOL server has leading. (Technically, I believe this would be based on DTF as the crow flies using a Great Circle centred on the middle of the Finish Line, since there are no Marks before the finish.)
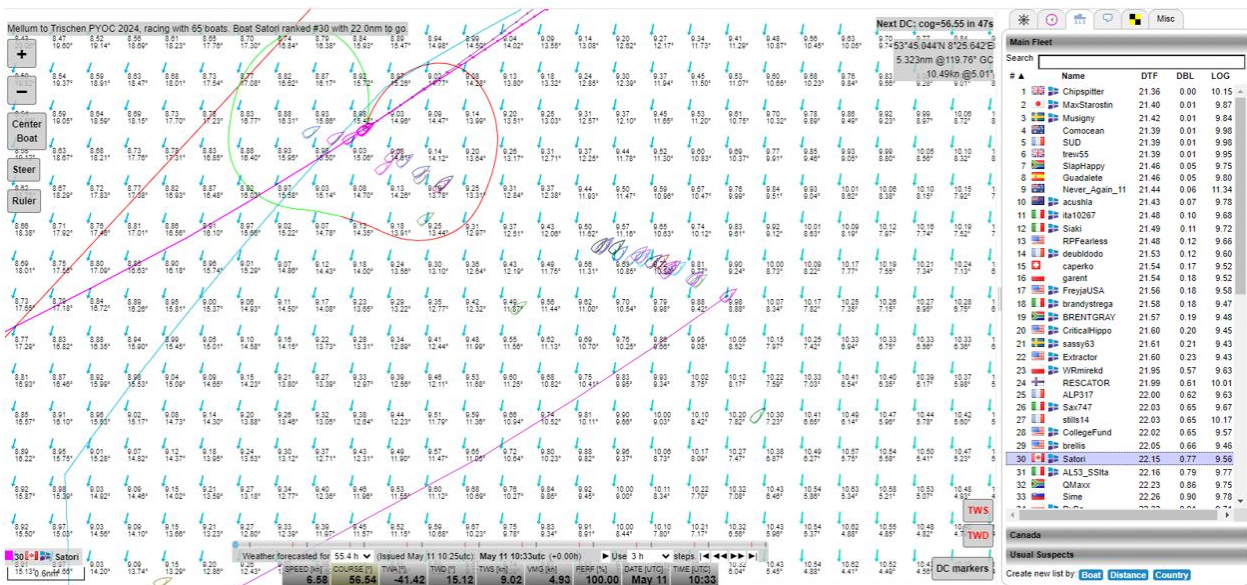
The AGL boat data log 1 hour and 38 mins into the race shows **Chipspitter** and a number of boats in the south-east have improved TWA which has also improved their BS.

Boat Data Log | Race : Mellum to Trischen PYOC 2024 | last updated 2024/05/11 10:37:59

| Name	Polar	Posn	DBL	SOG	COG	TWS	TWA	TWD	VMG	VMC	Target	DTT	DTG	LAT	LON
Chipspitter	Fox_9_50	001	0.000	7.046	53.523	10.222	-45.584	7.939	4.932	6.545	Trischen	20.715	20.691	53.7802	8.3934
trew55	Fox_9_50	002	0.004	7.059	54.462	10.125	-46.039	8.423	4.900	6.544	Trischen	20.750	20.730	53.7819	8.3869
SUD	Fox_9_50	004	0.008	6.978	53.088	10.100	-44.538	8.549	4.974	6.538	Trischen	20.754	20.734	53.7824	8.3854
MaxStaro...	Fox_9_50	005	0.015	7.024	54.325	10.051	-45.526	8.799	4.921	6.543	Trischen	20.758	20.740	53.7835	8.3823
Musigny	Fox_9_50	006	0.016	6.867	51.665	10.023	-42.722	8.943	5.045	6.513	Trischen	20.781	20.764	53.7838	8.3802
Guadalete	Fox_9_50	007	0.056	6.873	51.775	10.023	-42.826	8.949	5.041	6.515	Trischen	20.821	20.804	53.7833	8.3794
Never_Ag...	Fox_9_50	008	0.071	6.882	52.000	10.013	-43.002	8.998	5.033	6.518	Trischen	20.813	20.796	53.7837	8.3790
acushla	Fox_9_50	009	0.078	6.824	51.240	9.983	-42.092	9.148	5.064	6.498	Trischen	20.787	20.771	53.7841	8.3776
SlapHappy	Fox_9_50	010	0.095	7.020	54.761	9.981	-45.599	9.162	4.912	6.543	Trischen	20.835	20.819	53.7841	8.3766
ita10267	Fox_9_50	011	0.100	6.751	50.500	9.928	-41.064	9.436	5.090	6.469	Trischen	20.842	20.828	53.7853	8.3732
RPFearless	Fox_9_50	012	0.127	6.754	50.681	9.911	-41.152	9.530	5.086	6.471	Trischen	20.890	20.877	53.7851	8.3713
deubldodo	Fox_9_50	013	0.130	6.753	50.671	9.910	-41.134	9.537	5.086	6.470	Trischen	20.893	20.879	53.7851	8.3711
Siaki	Fox_9_50	014	0.132	6.569	48.005	9.924	-38.545	9.459	5.137	6.371	Trischen	20.874	20.860	53.7850	8.3724
caperko	Fox_9_50	015	0.191	6.678	50.035	9.845	-40.158	9.877	5.104	6.434	Trischen	20.952	20.941	53.7860	8.3660
garent	Fox_9_50	016	0.193	6.678	50.040	9.845	-40.158	9.882	5.104	6.434	Trischen	20.954	20.943	53.7860	8.3660
FreyjaUSA	Fox_9_50	017	0.199	6.435	46.868	9.855	-37.041	9.827	5.136	6.284	Trischen	20.942	20.931	53.7859	8.3668
BRENTG...	Fox_9_50	019	0.223	6.494	47.633	9.851	-37.748	9.885	5.135	6.330	Trischen	20.852	20.841	53.7880	8.3660
CriticalHip...	Fox_9_50	020	0.238	6.514	47.880	9.850	-37.984	9.896	5.134	6.343	Trischen	20.867	20.856	53.7879	8.3657
sassy63	Fox_9_50	021	0.247	6.492	47.697	9.840	-37.748	9.949	5.134	6.329	Trischen	20.876	20.866	53.7880	8.3648
Extractor	Fox_9_50	022	0.296	6.523	48.078	9.838	-38.121	9.957	5.132	6.349	Trischen	20.889	20.879	53.7879	8.3645
WRmirekd	Fox_9_50	023	0.592	6.773	54.750	9.471	-42.708	12.042	4.977	6.485	Trischen	21.186	21.191	53.7954	8.3330
RESCAT...	Fox_9_50	024	0.631	6.809	55.333	9.474	-43.295	12.038	4.956	6.499	Trischen	21.225	21.229	53.7948	8.3324
ALP317	Fox_9_50	025	0.654	6.634	53.290	9.410	-40.849	12.441	5.018	6.417	Trischen	21.246	21.253	53.7969	8.3270
stills14	Fox_9_50	026	0.670	6.653	45.038	10.543	-38.509	6.529	5.206	6.432	Trischen	21.336	21.306	53.7664	8.3984
Sax747	Fox_9_50	027	0.672	6.691	54.000	9.423	-41.627	12.373	5.001	6.447	Trischen	21.284	21.291	53.7960	8.3273
CollegeF...	Fox_9_50	028	0.681	6.651	53.924	9.372	-41.216	12.708	5.003	6.425	Trischen	21.309	21.317	53.7976	8.3227
brellis	Fox_9_50	029	0.713	6.399	51.021	9.338	-38.079	12.942	5.037	6.266	Trischen	21.322	21.332	53.7988	8.3197
Satori	Fox_9_50	030	0.801	6.752	56.550	9.263	-43.131	13.419	4.928	6.474	Trischen	21.386	21.399	53.8008	8.3127

WRmirekd is placed 23rd and **Satori** is 30th, 8 places further back. Will **Satori** get a Top Ten finish? It looks like the boats to the north-west will have the windward advantage all the way to the finish but the boats to the south-east have higher TWS.
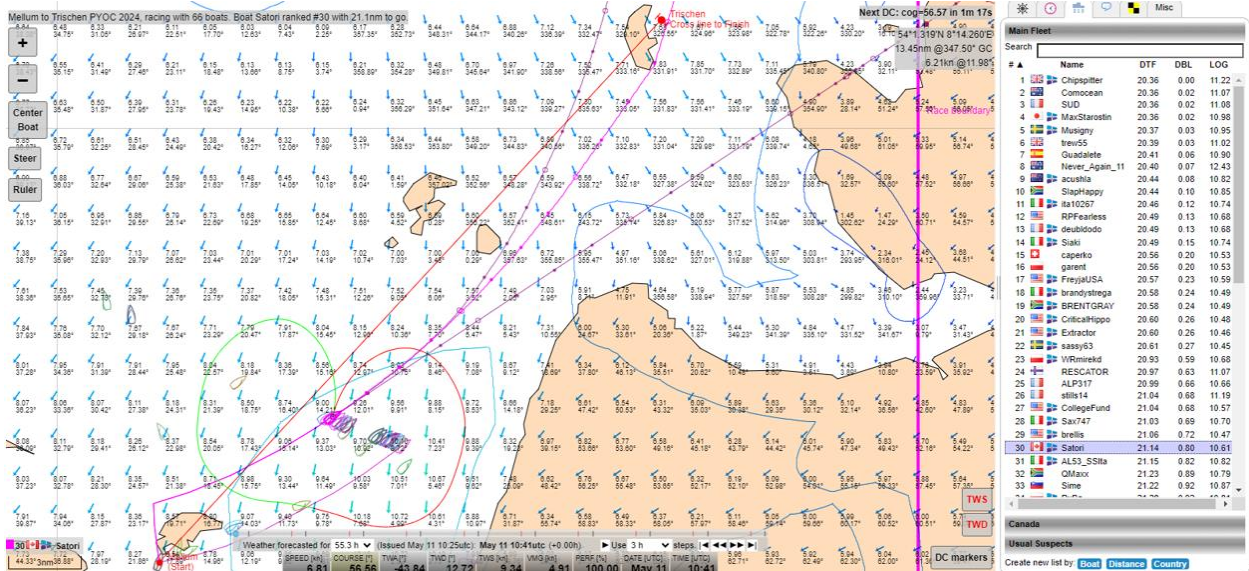
Here is the bigger picture at 10:43 UTC. You can see the red rhumbline in the upper left corner.
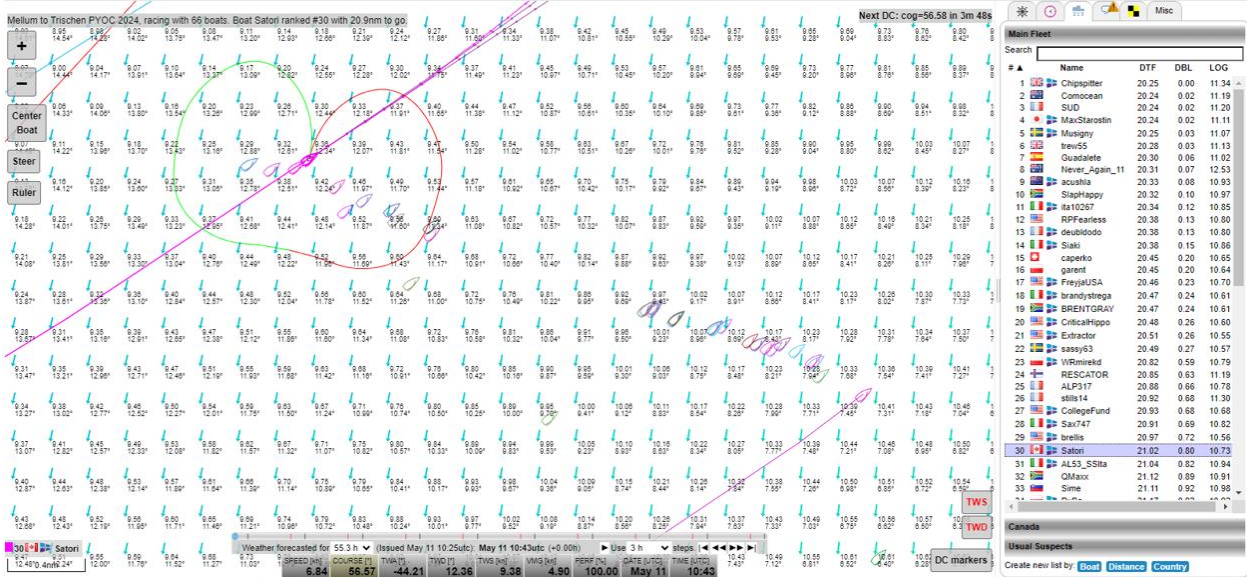
At 11:00 UTC I tested the potential finish times of some of the other boats using their AIS in QT by placing new marks on them and creating routes for them. The ETA results – **Satori** 13:40 UTC (actual 13:40:27) vs **WRmirekd** 13:41 (13:39:54) and **Chipspitter** 13:43 (13:48:23).

At 13:02 UTC with DTG of 4.79 nms **Satori** has moved up to 12th place and you can see the trail of the leader, **ita10267**, to the south-east with 4.60 nms DTG.
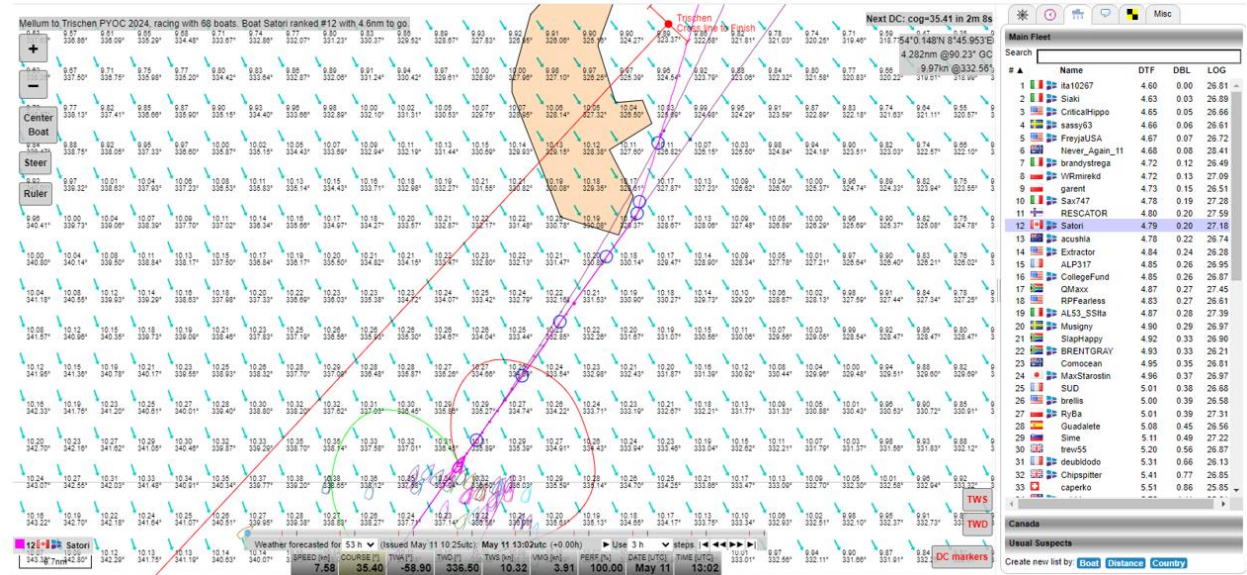
Here is the fleet in AGL with 30 mins to go.
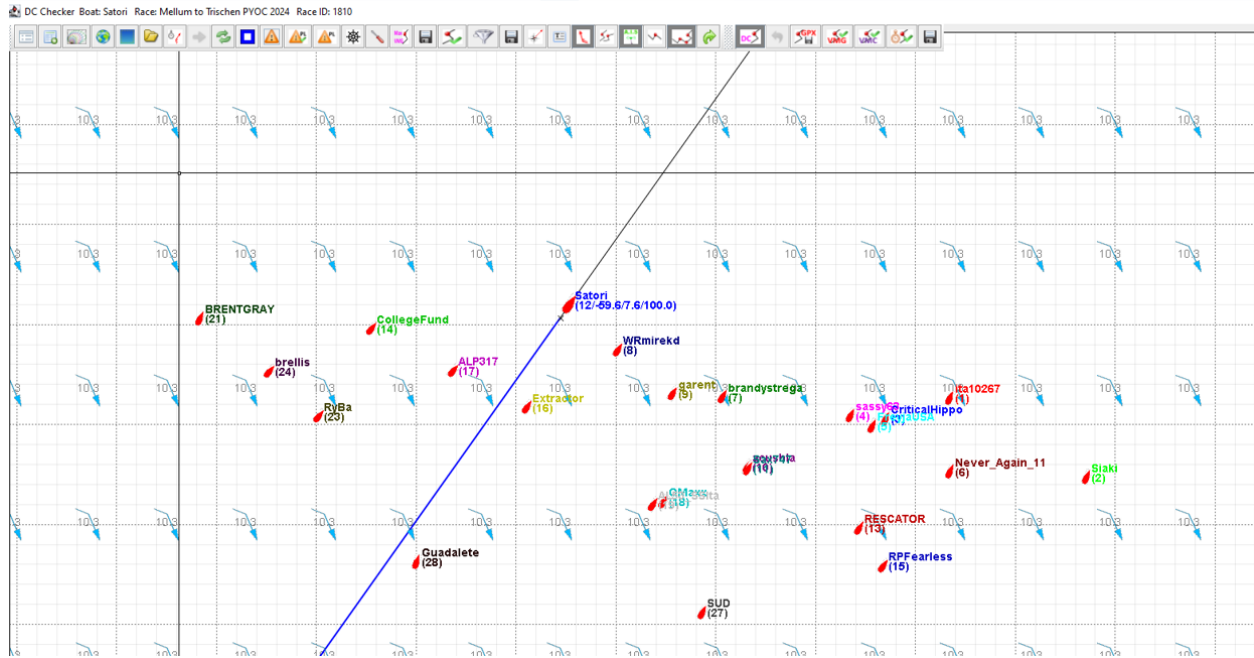
Here are the BS's in the AGL boat data log. With DTG of 4.239 nms **Satori** has higher BS than all the boats placed ahead of her.

| Name	Polar	Posn	DBL	SOG	COG	TWS	TWA	TWD	VMG	VMC	Target	DTT	DTG	LAT	LON
ita10267	Fox_9_50	001	0.000	7.255	25.125	10.264	-50.072	335.053	4.656	7.203	Trischen	4.161	4.067	54.0077	8.6649
Siaki	Fox_9_50	002	0.033	7.217	24.200	10.260	-49.184	335.016	4.718	7.139	Trischen	4.204	4.100	54.0061	8.6695
sassy63	Fox_9_50	003	0.041	7.321	26.921	10.269	-51.724	335.198	4.535	7.262	Trischen	4.197	4.109	54.0077	8.6619
CriticalHip...	Fox_9_50	004	0.053	7.249	25.110	10.269	-49.905	335.205	4.669	7.210	Trischen	4.210	4.120	54.0073	8.6627
FreyjaUSA	Fox_9_50	005	0.066	7.298	26.360	10.270	-51.121	335.239	4.581	7.242	Trischen	4.222	4.133	54.0071	8.6623
Never_Ag...	Fox_9_50	006	0.083	7.243	25.000	10.268	-49.779	335.221	4.677	7.188	Trischen	4.245	4.150	54.0062	8.6649
garent	Fox_9_50	007	0.103	7.506	32.308	10.278	-56.883	335.425	4.101	7.390	Trischen	4.247	4.170	54.0077	8.6563
brandystr...	Fox_9_50	008	0.105	7.429	30.050	10.277	-54.642	335.408	4.299	7.349	Trischen	4.251	4.171	54.0077	8.6575
WRmirekd	Fox_9_50	009	0.108	7.526	32.959	10.280	-57.488	335.471	4.045	7.421	Trischen	4.246	4.174	54.0086	8.6541
Sax747	Fox_9_50	010	0.172	7.350	27.990	10.279	-52.462	335.528	4.478	7.293	Trischen	4.322	4.239	54.0062	8.6583
Satori	Fox_9_50	011	0.172	7.602	35.410	10.286	-59.764	335.646	3.828	7.466	Trischen	4.306	4.239	54.0082	8.6512
acushla	Fox_9_50	012	0.173	7.355	28.122	10.280	-52.590	335.532	4.468	7.297	Trischen	4.322	4.239	54.0062	8.6581
RESCAT...	Fox_9_50	013	0.186	7.493	32.000	10.276	-56.520	335.480	4.134	7.294	Trischen	4.345	4.253	54.0050	8.6623
CollegeF...	Fox_9_50	014	0.198	7.698	38.440	10.288	-62.649	335.791	3.537	7.540	Trischen	4.322	4.264	54.0093	8.6466
RPFearless	Fox_9_50	015	0.218	7.602	35.314	10.276	-59.793	335.521	3.825	7.260	Trischen	4.379	4.285	54.0041	8.6563
Extractor	Fox_9_50	016	0.221	7.567	34.426	10.289	-58.683	335.743	3.933	7.449	Trischen	4.356	4.287	54.0074	8.6511
ALP317	Fox_9_50	017	0.221	7.739	39.700	10.290	-63.917	335.783	3.403	7.499	Trischen	4.351	4.287	54.0080	8.6490

Name	Polar	Posn	DBL	SOG	COG	TWS	TWA	TWD	VMG	VMC	Target	DTT	DTG	LAT	LON
ita10267	Fox_9_50	010	0.172	0.347	10.285	0.023	-9.692	0.593	-0.828	0.262	Trischen	0.146	0.171	0.0005	-0.0137
Siaki	Fox_9_50	009	0.139	0.385	11.210	0.026	-10.580	0.630	-0.889	0.326	Trischen	0.102	0.138	0.0021	-0.0183
sassy63	Fox_9_50	008	0.131	0.281	8.489	0.017	-8.041	0.448	-0.707	0.204	Trischen	0.110	0.130	0.0006	-0.0107
CriticalHip...	Fox_9_50	007	0.120	0.354	10.300	0.018	-9.860	0.440	-0.840	0.256	Trischen	0.097	0.119	0.0010	-0.0114
FreyjaUSA	Fox_9_50	006	0.106	0.305	9.050	0.017	-8.643	0.407	-0.752	0.223	Trischen	0.084	0.105	0.0011	-0.0111
Never_Ag...	Fox_9_50	005	0.089	0.359	10.410	0.019	-9.986	0.424	-0.849	0.278	Trischen	0.061	0.088	0.0020	-0.0136
garent	Fox_9_50	004	0.069	0.097	3.102	0.009	-2.882	0.220	-0.273	0.075	Trischen	0.059	0.069	0.0002	-0.0051
brandystr...	Fox_9_50	003	0.068	0.174	5.360	0.010	-5.122	0.238	-0.471	0.117	Trischen	0.055	0.067	0.0006	-0.0063
WRmirekd	Fox_9_50	002	0.065	0.076	2.451	0.006	-2.276	0.175	-0.217	0.044	Trischen	0.060	0.065	-0.0003	-0.0029
Sax747	Fox_9_50	001	0.000	0.252	7.420	0.007	-7.303	0.117	-0.650	0.172	Trischen	-0.016	-0.000	0.0020	-0.0071
Satori	Fox_9_50	000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Trischen	0.000	0.000	0.0000	0.0000
acushla	Fox_9_50	-01	-0.000	0.247	7.288	0.007	-7.174	0.114	-0.640	0.169	Trischen	-0.016	-0.001	0.0020	-0.0069
RESCAT...	Fox_9_50	-02	-0.014	0.109	3.410	0.011	-3.244	0.166	-0.305	0.172	Trischen	-0.039	-0.015	0.0033	-0.0111
CollegeF...	Fox_9_50	-03	-0.025	-0.095	-3.030	-0.002	2.885	-0.145	0.292	-0.074	Trischen	-0.016	-0.026	-0.0010	0.0046
RPFearless	Fox_9_50	-04	-0.046	0.000	0.096	0.010	0.029	0.125	0.003	0.206	Trischen	-0.073	-0.046	0.0041	-0.0122
Extractor	Fox_9_50	-05	-0.049	0.035	0.984	-0.003	-1.082	-0.098	-0.105	0.017	Trischen	-0.050	-0.049	0.0009	0.0001
ALP317	Fox_9_50	-06	-0.049	-0.137	-4.290	-0.004	4.153	-0.137	0.426	-0.033	Trischen	-0.045	-0.049	0.0002	0.0022

With 1.68 nm to go Satori is placed 8th and I am at the helm sailing TWA to the STBD finish. I lost seconds here by not hugging the coastline of Trischen Island and getting on the bow of boats close to **Satori**. I should have taken over the helm earlier. The Top Ten did not change from this point other than **Siaki** and **Never_Again_11**, who switched 7th and 8th places.
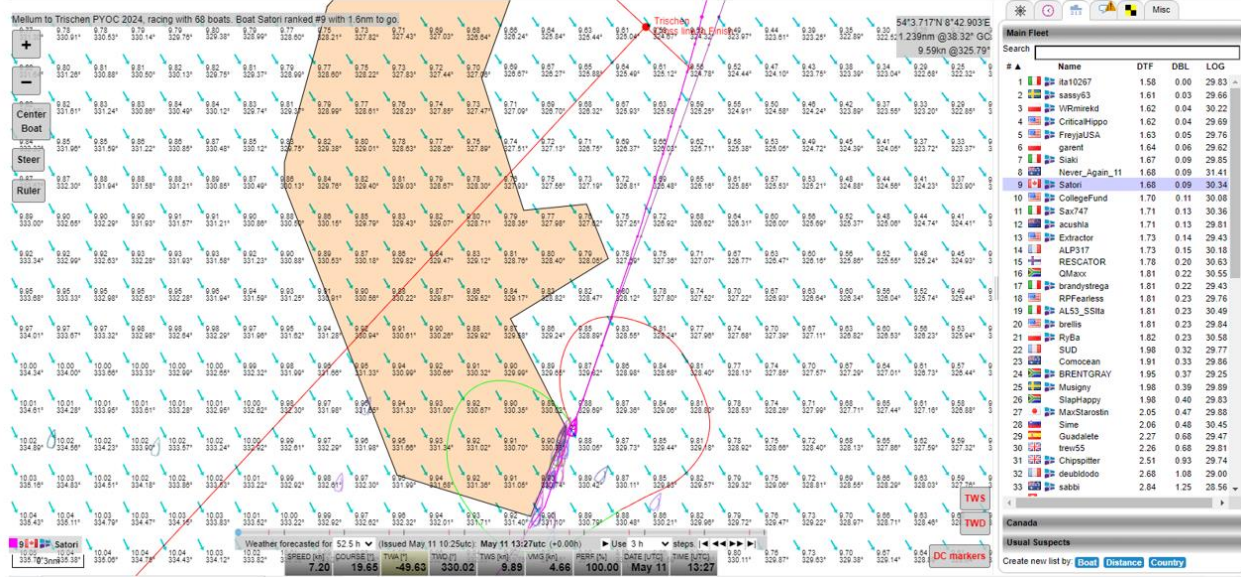
Here is the parade to the finish. You can see that the boats that hugged the coastline of Trischen Island ended up to windward of **Satori** and could come down to the STBD finish at a slightly higher BS preventing **Satori** from moving up on those ahead.
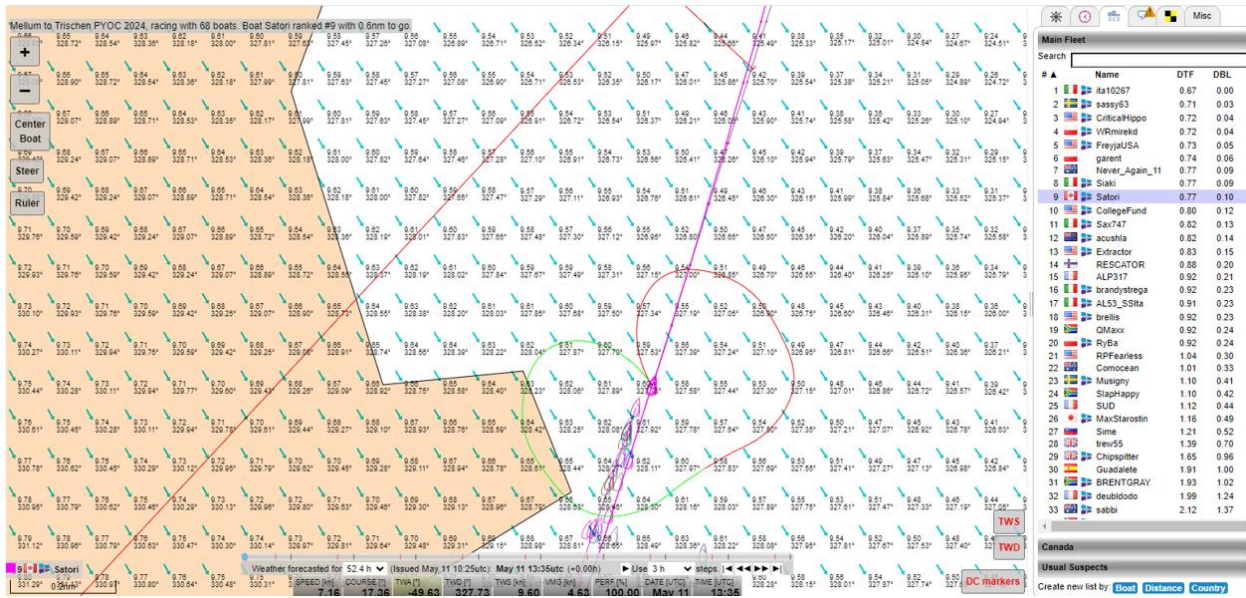
Here in the AGL boat data log are the BS and TWA of the Top Ten boats that prevented **Satori** from improving her placement as she approached the Finish Line.

Boat Data Log | Race : Mellum to Trischen PYOC 2024 | last updated 2024/05/11 13:36:43

Name	Polar	Posn	DBL	SOG	COG	TWS	TWA	TWD	VMG	VMC	Target	DTT	DTG	LAT	LON
ita10267	Fox_9_50	001	0.000	7.228	18.900	9.501	-51.835	327.065	4.466	6.534	Trischen	0.532	0.380	54.0647	8.7036
sassy63	Fox_9_50	002	0.032	7.236	19.149	9.505	-52.045	327.104	4.451	6.561	Trischen	0.543	0.391	54.0645	8.7035
CriticalHip...	Fox_9_50	003	0.041	7.235	19.140	9.507	-52.007	327.133	4.454	6.582	Trischen	0.551	0.401	54.0644	8.7034
WRmirekd	Fox_9_50	004	0.049	7.234	19.120	9.510	-51.955	327.165	4.458	6.603	Trischen	0.560	0.411	54.0642	8.7033
garent	Fox_9_50	005	0.060	7.227	18.967	9.513	-51.775	327.192	4.472	6.626	Trischen	0.567	0.419	54.0641	8.7032
FreyjaUSA	Fox_9_50	006	0.060	7.215	18.650	9.512	-51.455	327.195	4.496	6.617	Trischen	0.571	0.421	54.0640	8.7033
Never_Ag...	Fox_9_50	007	0.095	7.213	18.715	9.527	-51.350	327.365	4.505	6.709	Trischen	0.621	0.475	54.0632	8.7028
Siaki	Fox_9_50	008	0.098	7.184	18.000	9.527	-50.628	327.372	4.557	6.713	Trischen	0.623	0.477	54.0631	8.7028
Satori	Fox_9_50	009	0.099	7.143	17.020	9.526	-49.651	327.369	4.625	6.692	Trischen	0.628	0.479	54.0630	8.7030
CollegeF...	Fox_9_50	010	0.117	7.229	19.133	9.528	-51.759	327.374	4.475	6.720	Trischen	0.621	0.477	54.0632	8.7027
Sax747	Fox_9_50	011	0.147	7.181	17.970	9.534	-50.507	327.463	4.567	6.735	Trischen	0.654	0.508	54.0626	8.7027
acushla	Fox_9_50	012	0.148	7.193	18.270	9.537	-50.801	327.469	4.546	6.781	Trischen	0.646	0.505	54.0627	8.7023
Extractor	Fox_9_50	013	0.152	7.210	18.701	9.539	-51.212	327.489	4.517	6.787	Trischen	0.652	0.512	54.0626	8.7023
RESCAT...	Fox_9_50	014	0.208	7.165	17.734	9.556	-50.023	327.711	4.603	6.816	Trischen	0.730	0.588	54.0613	8.7020
AL53_SSIta	Fox_9_50	015	0.237	7.198	18.613	9.565	-50.807	327.806	4.549	6.860	Trischen	0.754	0.616	54.0609	8.7016
brellis	Fox_9_50	016	0.244	7.219	19.123	9.564	-51.343	327.780	4.510	6.871	Trischen	0.742	0.606	54.0611	8.7015
brandystr...	Fox_9_50	017	0.246	7.117	16.656	9.556	-48.914	327.743	4.677	6.780	Trischen	0.750	0.604	54.0610	8.7023

Name	Polar	Posn	DBL	SOG	COG	TWS	TWA	TWD	VMG	VMC	Target	DTT	DTG	LAT	LON
ita10267	Fox_9_50	008	0.099	-0.084	-1.880	0.025	2.184	0.305	0.159	0.159	Trischen	0.096	0.100	-0.0016	-0.0006
sassy63	Fox_9_50	007	0.067	-0.093	-2.129	0.021	2.395	0.266	0.174	0.131	Trischen	0.085	0.088	-0.0014	-0.0005
CriticalHip...	Fox_9_50	006	0.058	-0.092	-2.120	0.019	2.356	0.236	0.171	0.110	Trischen	0.077	0.079	-0.0013	-0.0004
WRmirekd	Fox_9_50	005	0.050	-0.090	-2.100	0.016	2.305	0.205	0.167	0.089	Trischen	0.068	0.069	-0.0011	-0.0003
garent	Fox_9_50	004	0.040	-0.084	-1.947	0.013	2.124	0.177	0.153	0.066	Trischen	0.060	0.060	-0.0010	-0.0002
FreyjaUSA	Fox_9_50	003	0.039	-0.071	-1.630	0.014	1.804	0.174	0.129	0.075	Trischen	0.057	0.058	-0.0010	-0.0003
Never_Ag...	Fox_9_50	002	0.004	-0.070	-1.695	-0.001	1.699	0.004	0.120	-0.017	Trischen	0.007	0.004	-0.0001	0.0002
Siaki	Fox_9_50	001	0.002	-0.041	-0.980	-0.002	0.978	-0.002	0.068	-0.021	Trischen	0.005	0.002	-0.0001	0.0002
Satori	Fox_9_50	000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Trischen	0.000	0.000	0.0000	0.0000
CollegeF...	Fox_9_50	-01	-0.018	-0.086	-2.113	-0.003	2.109	-0.004	0.150	-0.028	Trischen	0.007	0.003	0.0001	0.0003
Sax747	Fox_9_50	-02	-0.047	-0.037	-0.950	-0.009	0.856	-0.093	0.058	-0.043	Trischen	-0.026	-0.029	0.0004	0.0003
acushla	Fox_9_50	-03	-0.048	-0.050	-1.250	-0.012	1.151	-0.099	0.079	-0.088	Trischen	-0.018	-0.026	0.0003	0.0007
Extractor	Fox_9_50	-04	-0.053	-0.067	-1.681	-0.014	1.561	-0.120	0.108	-0.095	Trischen	-0.024	-0.033	0.0004	0.0007
RESCAT...	Fox_9_50	-05	-0.109	-0.021	-0.714	-0.030	0.372	-0.342	0.022	-0.124	Trischen	-0.102	-0.109	0.0017	0.0010
AL53_SSIta	Fox_9_50	-06	-0.137	-0.055	-1.593	-0.039	1.156	-0.437	0.076	-0.168	Trischen	-0.126	-0.137	0.0021	0.0014
brellis	Fox_9_50	-07	-0.145	-0.076	-2.103	-0.038	1.692	-0.410	0.115	-0.179	Trischen	-0.114	-0.126	0.0019	0.0015
brandystr...	Fox_9_50	-08	-0.147	0.026	0.364	-0.030	-0.737	-0.373	-0.052	-0.088	Trischen	-0.122	-0.125	0.0020	0.0007

Here are the lessons I took away from this race that would have improved **Satori's** placement: -

- I could have improved on the QT route, especially at the finish.
- The 10:30 UTC WX did get posted 5 mins early, as I expected.
- I took being to windward just a little too far. I should have tacked earlier rounding Mellum Island.
- Going north or south clearing Mellum Island proved to be something of a toss-up.
- I could have hugged the Trischen coastline closer using extra zoom and maintained a windward advantage for the finish.
- Seconds count when you are only 52 seconds behind the Leader!

Kudos to **ita10267**.

Thanks to all of you SOLers for a great race, particularly the volunteers and the SOL Committees who make it possible for the rest of us.

Please join me in the Susan Hood Trophy Race which starts on Friday, May 31st.

Satori