

RACE ANALYSIS REPORT

Sail Newport 2026 - IC37 Day 1

CLASS

Other

DATE

7/11/2026

RACES

3

VELOCITEK

POWERED BY SAILSYNC.AI



SCAN FOR RACE REPLAY AND AI FEEDBACK



Consistent First-Leg Leaders: Winners in race 1 (ReefAnchor) and race 3 also led the first upwind to the mark and held their advantage, while race 2's winner (BayBreaker) recovered from a mid-pack first leg with stronger second-upwind VMG.

Side Selection & VMG: Early on, left-side boats logged the fastest upwind legs in races 1 and 2—but in race 3 ReefAnchor switched to the right and posted their best segment, showing the need to read shifts and adapt.

Start Position Impact: Crews starting with a positive linePositionBiasVsMidLine (boat-end) enjoyed clear air, top first-leg VMG and lower leg times; boats pin-end or OCS fell into traffic and lost ground.

Maneuver Count Correlation: Fewer tacks on upwind legs (e.g. AftSkipper, BayBreaker) aligned with steadier speed and shorter leg durations, highlighting that fewer disruptions help sustain VMG.

FLO'S COACHING INSIGHTS

BOAT	STRENGTH	WEAKNESS
011_BowWetsuit_2026-07-11_full	Strong downwind SOG peaks and steady VMG on reaching legs.	Upwind legs lag the leaders in mark VMG and duration.
027_BowSkipper_2026-07-11_full	Produces powerful downwind surges and top-end speed.	Upwind angles yield lower mark VMG and longer leg times.
022_HarborReef_2026-07-11_full	Maintains balanced speed with controlled maneuvers.	Lacks aggressive VMG peaks, dropping behind on upwinds.
013_CrewAnchor_2026-07-11_full	High average SOG and strong VMG on downwind legs.	Frequent upwind tacks slow overall pace and consistency.
014_FogBulwark_2026-07-11_full	Smooth heel control yields consistent downwind VMG.	First upwind leg speed and top-end are slower than peers.
005_BayBreaker_2026-07-11_full	Fast second upwind recovery and strong VMG under pressure.	First-leg upwind pace and start timing can be sharpened.
007_BayCurrent_2026-07-11_full	Accurate heading and steady upwind angles.	Overall VMG is lower and course-side choices are conservative.
028_WaveDepths_2026-07-11_full	Excellent top-end SOG bursts and drag-free trim.	Inconsistent start timing and late crossings cost early gains.
015_PortFathom2026-07-11_full	Strong gate speed with minimal underheel frequency.	Upwind VMG varies and leg durations are often longer.
023_ReefAnchor_2026-07-11_full	Best upwind VMG in races 1 and 3 and adapts side strategy.	Traffic at the pin and occasional OCS pushes back early.
002_AftSkipper_2026-07-11_full	Fastest first upwind leg with minimal tacks.	Downwind mark VMG is below the top performers.
008_WavePaddle2026-07-11_full	Aggressive tacking yields strong VMG spikes upwind.	Over-enthusiastic line approach causes late starts.
016_PortBeacon_2026-07-11_full	High average SOG and covers extra distance efficiently.	Extra maneuvers add time and slow overall pace.
031_FleetWaves_2026-07-11_full	Solid reach and good downwind VMG consistency.	Weak upwind mark VMG and slow first-leg time.

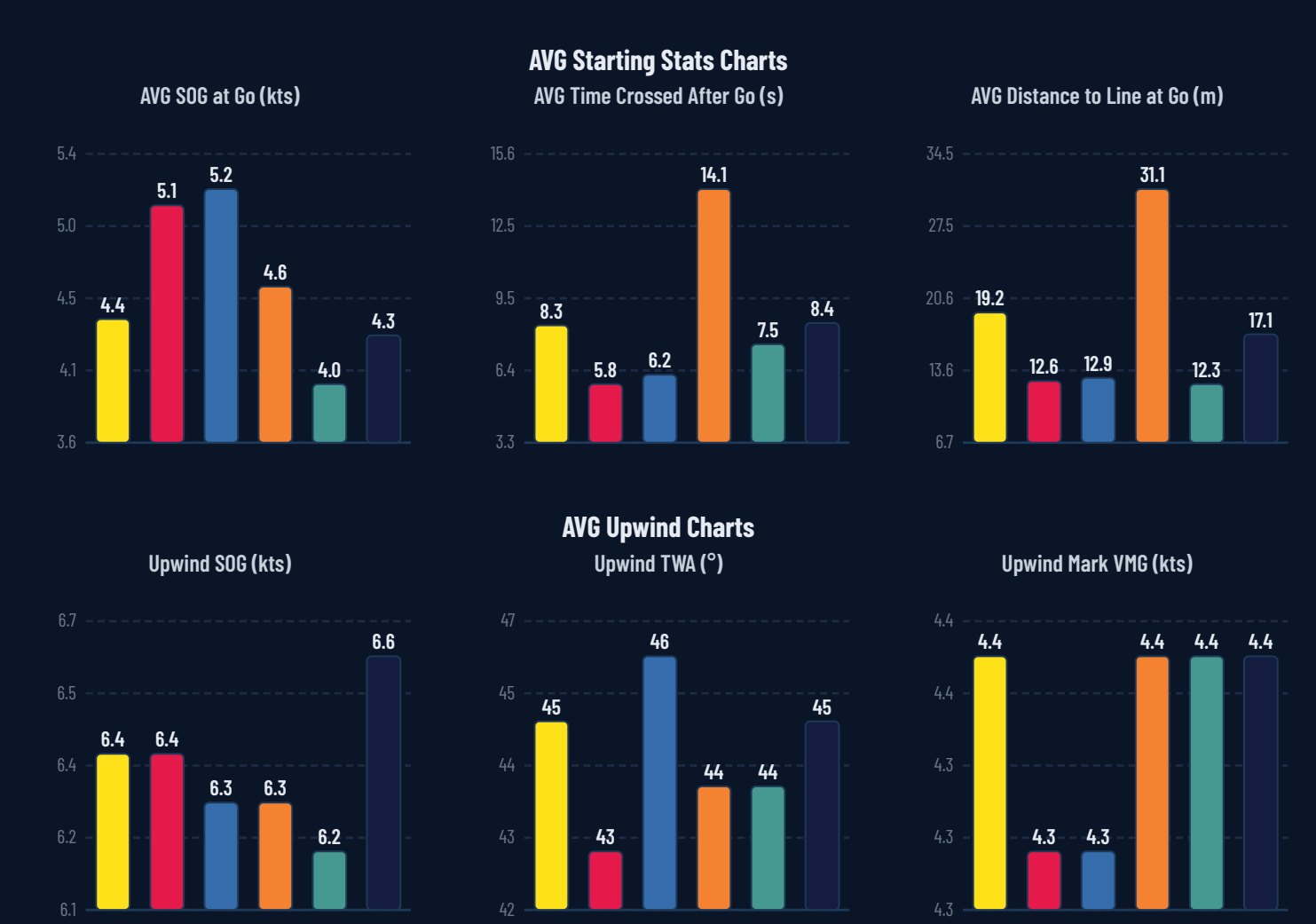
RESULTS

#	BOAT	R1	R2	R3	TOTAL
1	 023_ReefAnchor_2026-07-11_full	1	2	1	4
2	 005_BayBreaker_2026-07-11_full	5	1	6	12
3	 002_AftSkipper_2026-07-11_full	3	8	4	15



4		022_HarborReef_2026-07-11_full	4	3	9	16
5		015_PortFathom2026-07-11_full	7	4	7	18
6		008_WavePaddle2026-07-11_full	9	9	2	20
7		027_BowSkipper_2026-07-11_full	12	5	3	20
8		028_WaveDepths_2026-07-11_full	10	7	5	22
9		013_CrewAnchor_2026-07-11_full	6	10	8	24
10		014_FogBulwark_2026-07-11_full	8	6	10	24
11		011_BowWetsuit_2026-07-11_full	2	DNS	DNS	32
12		007_BayCurrent_2026-07-11_full	11	11	DNS	37
13		031_FleetWaves_2026-07-11_full	14	12	11	37
14		016_PortBeacon_2026-07-11_full	13	DNS	DNS	43

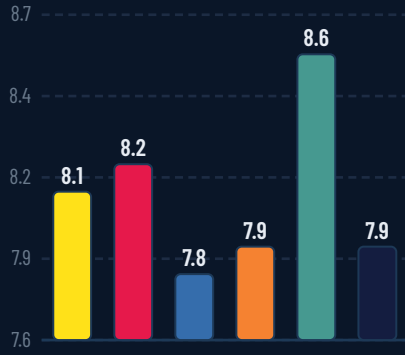
OVERALL PERFORMANCE CHARTS



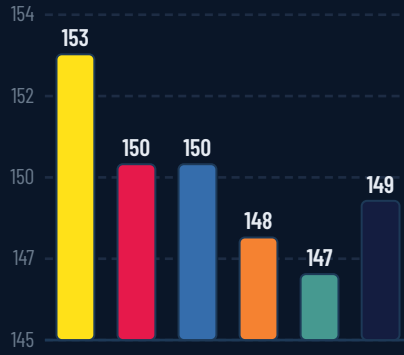


AVG Downwind Charts

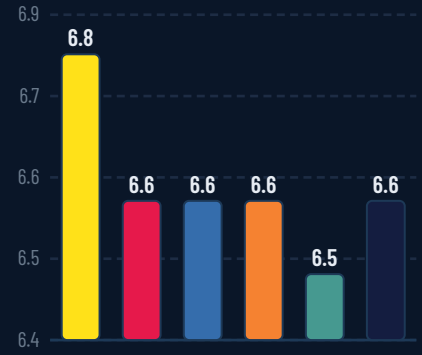
Downwind SOG (kts)



Downwind TWA (°)



Downwind Mark VMG (kts)



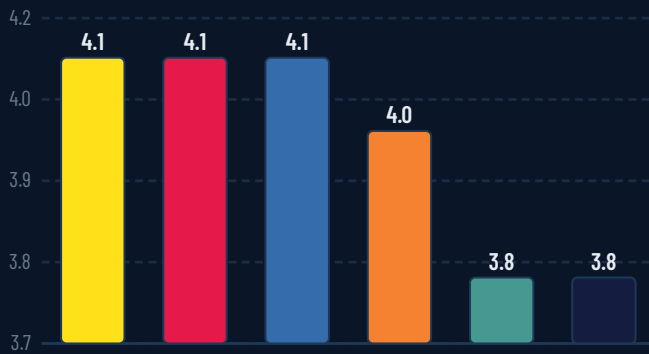
023_ReefAnchor_2026-07-11_full 005_BayBreaker_2026-07-11_full 002_AftSkipper_2026-07-11_full 022_HarborReef_2026-07-11_full
015_PortFathom2026-07-11_full 008_WavePaddle2026-07-11_full

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (± 10 s) and the first/last 5s of each leg.

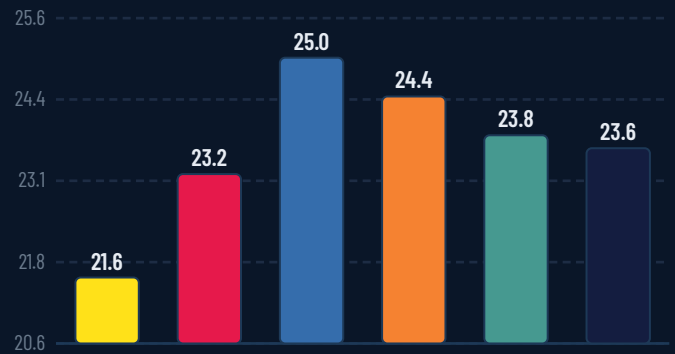
UPWIND MANEUVER ANALYSIS

Upwind Maneuver Charts

AVG VMG ± 5 s (kts)



AVG VMG Loss (m)



023_ReefAnchor_2026-07-11_full 005_BayBreaker_2026-07-11_full 002_AftSkipper_2026-07-11_full 022_HarborReef_2026-07-11_full
015_PortFathom2026-07-11_full 008_WavePaddle2026-07-11_full



DOWNWIND MANEUVER ANALYSIS

Downwind Maneuver Charts



- 023_ReefAnchor_2026-07-11_full
- 005_BayBreaker_2026-07-11_full
- 002_AftSkipper_2026-07-11_full
- 022_HarborReef_2026-07-11_full
- 015_PortFathom2026-07-11_full
- 008_WavePaddle2026-07-11_full



01 RACE ONE

• START 09:35:01

FLO'S RACE INSIGHTS

Early Lead: AftSkipper grabbed the first upwind on the left, tacking only twice for a clear VMG and the fastest first-leg time.

Adaptive Routing: ReefAnchor broke from the pack on the second upwind by shifting toward the middle, posting the quickest time there and overtaking the early leader.

Start Position vs. Recovery: Despite starting near the pin with a negative bias (less-favored air), ReefAnchor made up ground—showing strong boat speed can overcome a less-ideal line slot.

Tack Economy: Boats with fewer upwind tacks (like AftSkipper) sustained steadier VMG and shorter leg times. ReefAnchor could trim seconds by cutting extra maneuvers on its upwinds.

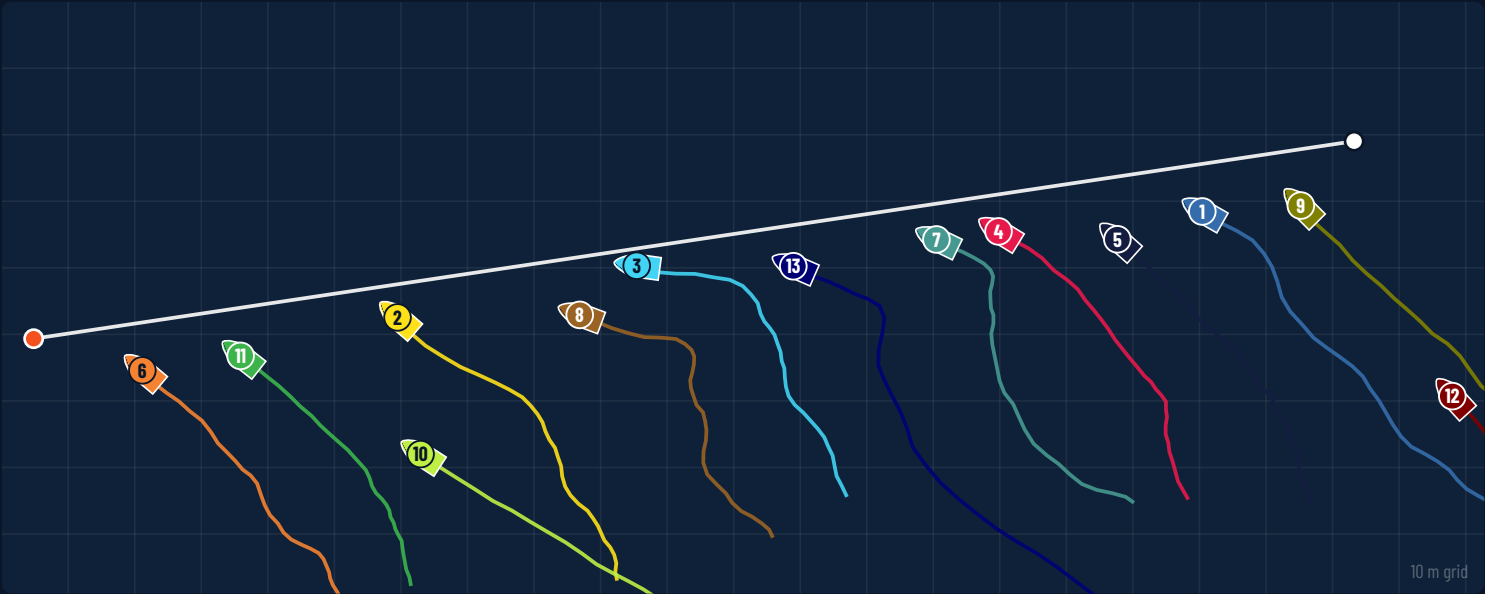
RACE 1 — FULL RACE SUMMARY

RANK	BOAT	DISTANCE	TIME	UPWIND SOG	UPWIND VMG	DOWNWIND SOG	DOWNWIND VMG	MAN.
1.	 023_ReefAnchor_2026-07-11_full	10517.6m	00:47:39	6.5kts	4.9kts	8.2kts	7.4kts	12
2.	 011_BowWetsuit_2026-07-11_full	+68.9m	+00:00:02	6.4kts	4.9kts	8.5kts	7.4kts	11
3.	 002_AftSkipper_2026-07-11_full	+312.7m	+00:00:06	6.6kts	4.9kts	8.6kts	7.3kts	6
4.	 022_HarborReef_2026-07-11_full	+415.6m	+00:00:56	6.5kts	4.8kts	8.6kts	7.5kts	12
5.	 005_BayBreaker_2026-07-11_full	+337.2m	+00:01:02	6.6kts	4.8kts	8.4kts	7.3kts	11
6.	 013_CrewAnchor_2026-07-11_full	+668.8m	+00:01:04	6.7kts	4.8kts	8.7kts	7.4kts	9
7.	 015_PortFathom2026-07-11_full	+360.9m	+00:01:19	6.5kts	4.8kts	8.4kts	7.3kts	13
8.	 014_FogBulwark_2026-07-11_full	+188.4m	+00:01:29	6.3kts	4.8kts	8.3kts	7.2kts	14
9.	 008_WavePaddle2026-07-11_full	+348.1m	+00:01:30	6.6kts	4.8kts	8.2kts	7.1kts	16
10.	 028_WaveDepths_2026-07-11_full	+804.1m	+00:01:49	6.8kts	4.7kts	8.6kts	7.4kts	15
11.	 007_BayCurrent_2026-07-11_full	+585.7m	+00:02:25	6.4kts	4.6kts	8.6kts	7.2kts	14
12.	 027_BowSkipper_2026-07-11_full	+692.4m	+00:02:42	6.4kts	4.5kts	8.7kts	7.5kts	9
13.	 016_PortBeacon_2026-07-11_full	+935.2m	+00:02:45	6.5kts	4.6kts	8.8kts	7.1kts	19
14.	 031_FleetWaves_2026-07-11_full	+803.6m	+00:03:36	6.5kts	4.5kts	8.5kts	7.2kts	12

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.



RACE 1 – START REPORT



10 m grid — map scale reference



Boat numbers = **Mark 1 rounding order** — match the Leg 1 Rank column below

FAVORED END

Boat (29.6m)

LINE LENGTH

200.4m

WIND

103.0°

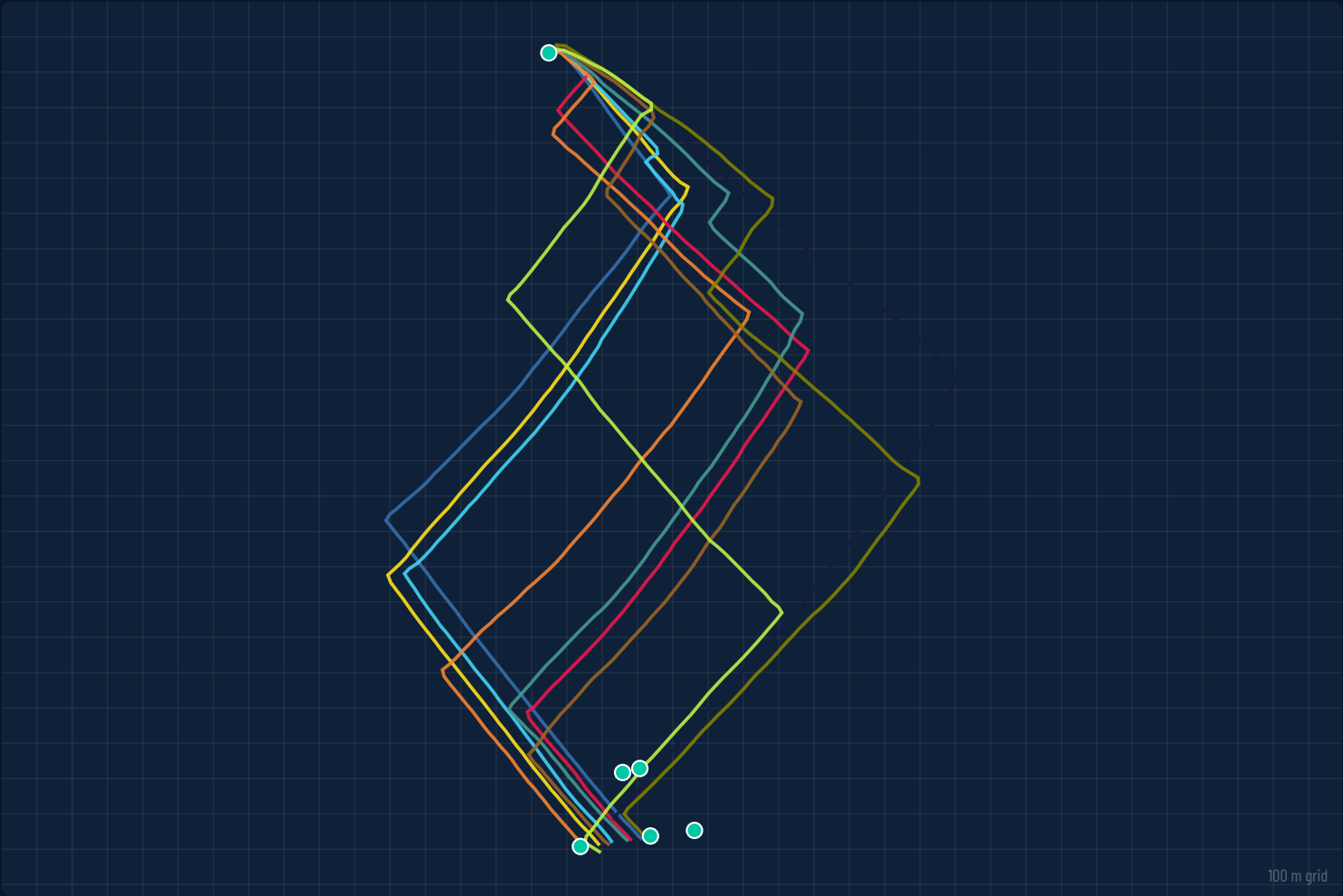
COMM TO M1

95.6°

LEG 1 RANK	BOAT	DIST TO LINE	SOG AT GO	START DELAY	POSITION ON LINE	TACK AT GO
1.	 002_AftSkipper_2026-07-11_full	9.4m	5.7kts	3.3s		starboard
2.	 023_ReefAnchor_2026-07-11_full	6.5m	5.7kts	2.0s		starboard
3.	 011_BowWetsuit_2026-07-11_full	3.4m	5.7kts	1.5s		starboard
4.	 005_BayBreaker_2026-07-11_full	7.3m	5.2kts	2.8s		starboard
5.	 008_WavePaddle2026-07-11_full	12.4m	4.8kts	4.5s		starboard
6.	 022_HarborReef_2026-07-11_full	9.4m	4.9kts	3.3s		starboard
7.	 015_PortFathom2026-07-11_full	7.1m	4.1kts	3.0s		starboard
8.	 014_FogBulwark_2026-07-11_full	11.4m	5.2kts	4.0s		starboard
9.	 013_CrewAnchor_2026-07-11_full	11.1m	5.0kts	4.0s		starboard
10.	 027_BowSkipper_2026-07-11_full	34.2m	6.3kts	11.8s		starboard
11.	 007_BayCurrent_2026-07-11_full	9.5m	4.7kts	4.3s		starboard
12.	 028_WaveDepths_2026-07-11_full	54.4m	4.3kts	20.5s		starboard
13.	 016_PortBeacon_2026-07-11_full	8.1m	5.3kts	3.0s		starboard
14.	 031_FleetWaves_2026-07-11_full	51.0m	3.3kts	32.0s		starboard



RACE 1 – LEG 1 (UPWIND)



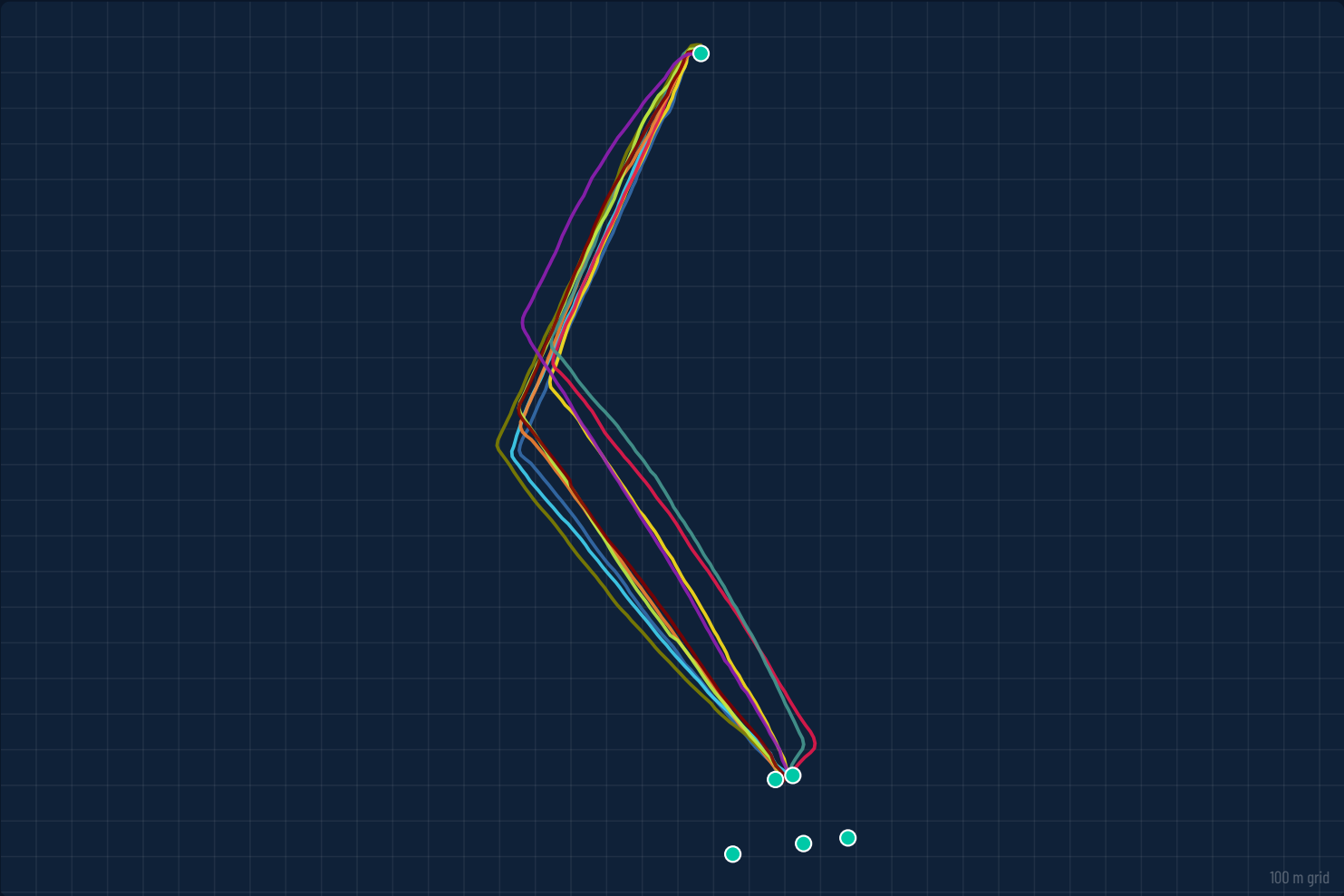
LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		002_- AftSkipper_2026-07-11_full	00:14:41	2940.2m	6.5kts	39.3°	5.0kts	left	2
2.		023_- ReefAnchor_2026-07-11_full	+00:00:05	2937.2m	6.5kts	39.2°	5.0kts	left	2
3.		011_- BowWetsuit_2026-07-11_full	+00:00:15	2936.5m	6.4kts	39.0°	4.9kts	left	6
4.		005_- BayBreaker_2026-07-11_full	+00:00:27	3042.1m	6.6kts	41.6°	4.9kts	middle	4
5.		008_- WavePaddle2026-07-11_full	+00:00:32	3184.1m	6.8kts	44.2°	4.8kts	right	4
6.		022_- HarborReef_2026-07-11_full	+00:00:42	3113.1m	6.6kts	42.6°	4.8kts	left	4
7.		015_- PortFathom2026-07-11_full	+00:00:44	3051.2m	6.5kts	41.8°	4.8kts	middle	6
8.		014_- FogBulwark_2026-07-11_full	+00:00:47	3056.8m	6.4kts	41.0°	4.8kts	right	6



9.	 	013_- CrewAnchor_2026-07-11_full	+00:00:51	3276.5m	6.9kts	46.0°	4.7kts	right	4
10.	 	027_- BowSkipper_2026-07-11_full	+00:00:58	3139.2m	6.5kts	41.8°	4.8kts	right	4
11.	 	007_- BayCurrent_2026-07-11_full	+00:01:08	3132.3m	6.5kts	41.9°	4.7kts	right	4
12.	 	028_- WaveDepths_2026-07-11_full	+00:01:24	3466.0m	7.1kts	47.9°	4.6kts	right	2
13.	 	016_- PortBeacon_2026-07-11_full	+00:01:39	3250.5m	6.5kts	44.6°	4.5kts	right	8
14.	 	031_- FleetWaves_2026-07-11_full	+00:02:17	3369.7m	6.5kts	47.2°	4.5kts	right	4

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.

RACE 1 — LEG 2 (DOWNWIND)



LEG RANK	 	BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.	 	027_- BowSkipper_2026-07-11_full	00:08:51	2427.5m	8.9kts	148.7°	7.6kts	left	1

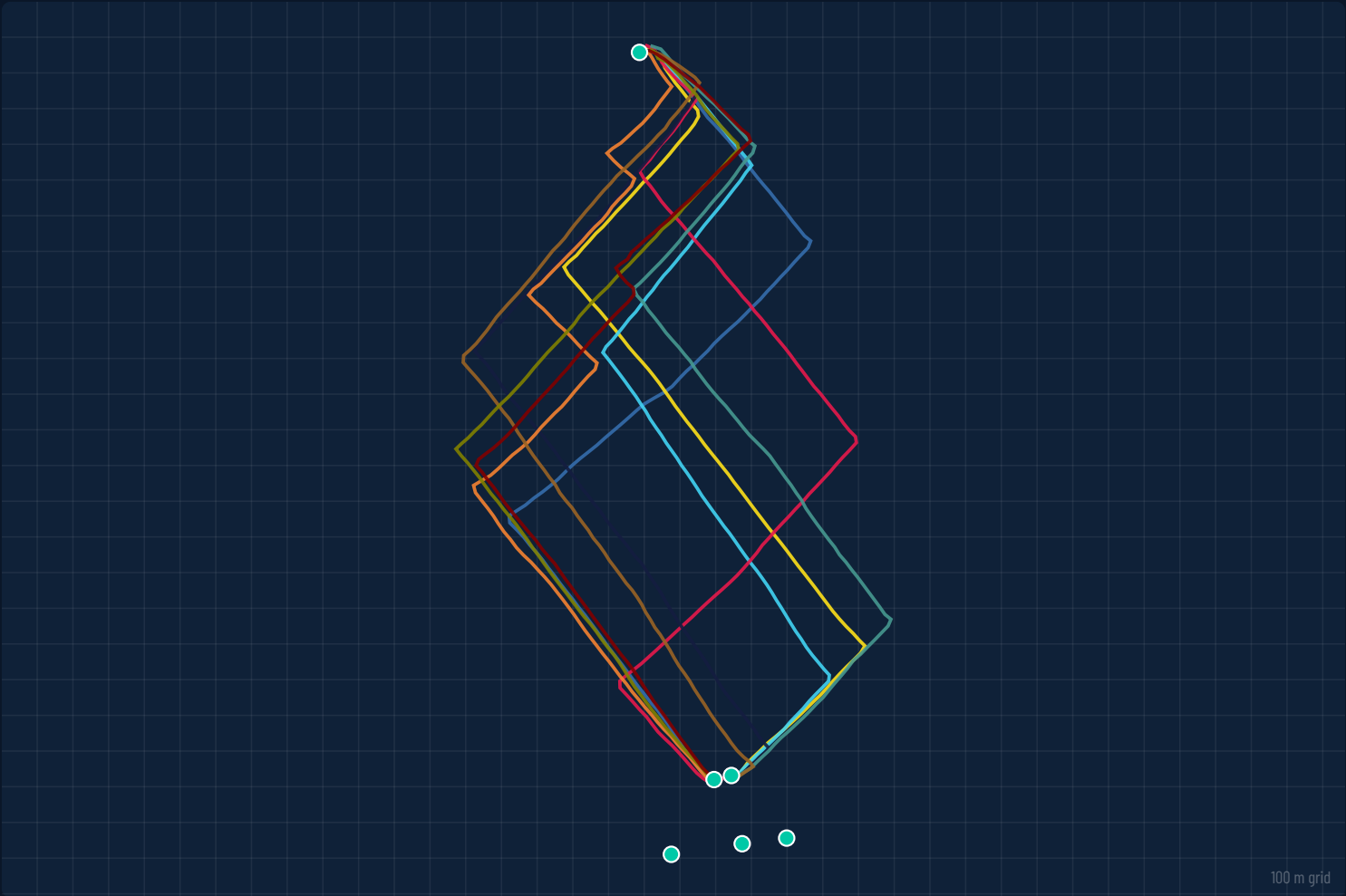


2.	 	002_- AftSkipper_2026-07-11_full	+00:00:06	2429.5m	8.9kts	149.1°	7.5kts	left	1
3.	 	023_- ReefAnchor_2026-07-11_full	+00:00:06	2343.9m	8.5kts	151.8°	7.5kts	left	1
4.	 	022_- HarborReef_2026-07-11_full	+00:00:06	2413.8m	8.8kts	149.4°	7.6kts	left	1
5.	 	005_- BayBreaker_2026-07-11_full	+00:00:15	2417.8m	8.6kts	149.8°	7.5kts	left	2
6.	 	031_- FleetWaves_2026-07-11_full	+00:00:16	2409.2m	8.6kts	147.9°	7.4kts	left	1
7.	 	011_- BowWetsuit_2026-07-11_full	+00:00:18	2465.5m	8.8kts	148.0°	7.4kts	left	1
8.	 	028_- WaveDepths_2026-07-11_full	+00:00:21	2467.0m	8.9kts	149.1°	7.6kts	left	4
9.	 	015_- PortFathom2026-07-11_full	+00:00:22	2389.5m	8.5kts	150.1°	7.4kts	left	3
10.	 	013_- CrewAnchor_2026-07-11_full	+00:00:28	2516.1m	8.9kts	146.9°	7.4kts	left	2
11.	 	007_- BayCurrent_2026-07-11_full	+00:00:28	2494.9m	8.7kts	146.1°	7.3kts	left	2
12.	 	008_- WavePaddle2026-07-11_full	+00:00:39	2357.1m	8.2kts	152.5°	7.1kts	right	7
13.	 	014_- FogBulwark_2026-07-11_full	+00:00:39	2386.5m	8.2kts	150.2°	7.1kts	right	3
14.	 	016_- PortBeacon_2026-07-11_full	+00:00:39	2555.9m	8.8kts	143.4°	7.0kts	left	3

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.



RACE 1 – LEG 3 (UPWIND)



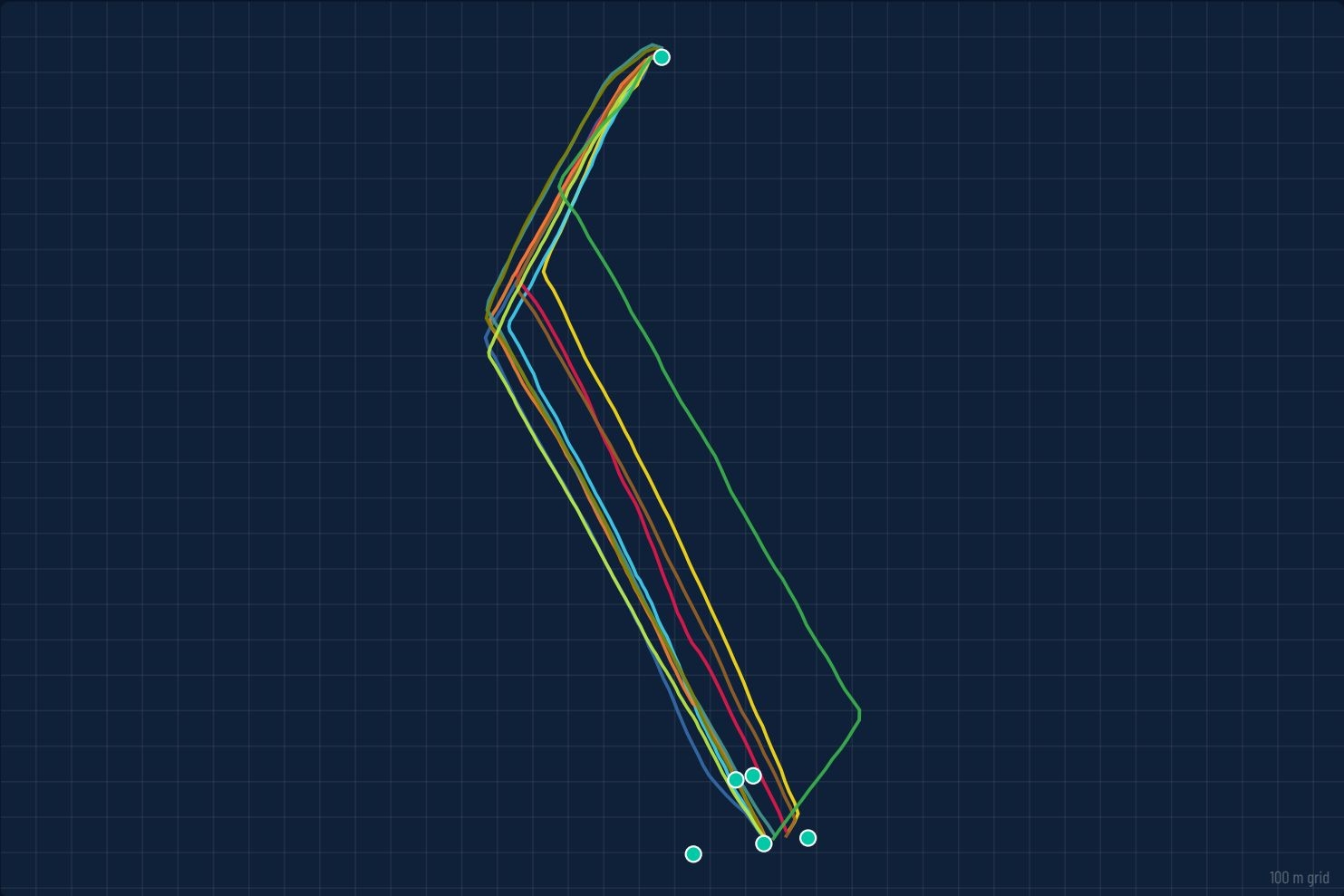
LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.	 	011_- BowWetsuit_2026-07-11_full	00:13:40	2655.6m	6.3kts	38.3°	4.9kts	left	3
2.	 	023_- ReefAnchor_2026-07-11_full	+00:00:01	2740.8m	6.5kts	40.5°	4.9kts	middle	7
3.	 	013_- CrewAnchor_2026-07-11_full	+00:00:11	2762.7m	6.5kts	40.7°	4.9kts	left	2
4.	 	002_- AftSkipper_2026-07-11_full	+00:00:12	2854.1m	6.7kts	42.6°	4.9kts	left	2
5.	 	028_- WaveDepths_2026-07-11_full	+00:00:18	2804.3m	6.6kts	41.9°	4.9kts	left	6
6.	 	015_- PortFathom2026-07-11_full	+00:00:27	2796.9m	6.4kts	41.1°	4.8kts	right	3
7.	 	014_- FogBulwark_2026-07-11_full	+00:00:27	2705.0m	6.2kts	39.0°	4.8kts	left	3
8.	 	008_- WavePaddle2026-07-11_full	+00:00:30	2728.2m	6.3kts	39.7°	4.8kts	left	3



9.	 	022_- HarborReef_2026-07-11_full	+00:00:36	2821.6m	6.5kts	41.7°	4.8kts	left	6
10.	 	016_- PortBeacon_2026-07-11_full	+00:00:38	2861.4m	6.6kts	43.4°	4.8kts	left	5
11.	 	005_- BayBreaker_2026-07-11_full	+00:00:41	2858.8m	6.5kts	42.6°	4.7kts	right	4
12.	 	007_- BayCurrent_2026-07-11_full	+00:01:06	2835.5m	6.3kts	42.3°	4.6kts	right	6
13.	 	031_- FleetWaves_2026-07-11_full	+00:01:11	2912.2m	6.4kts	44.2°	4.5kts	left	3
14.	 	027_- BowSkipper_2026-07-11_full	+00:02:13	3066.3m	6.3kts	46.7°	4.3kts	right	3

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.

RACE 1 — LEG 4 (DOWNWIND)



LEG RANK	 	BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.	 	011_- BowWetsuit_2026-07-11_full	00:09:56	2522.6m	8.2kts	152.6°	7.4kts	left	1



2.	 	027_- BowSkipper_2026-07-11_full	+00:00:02	2570.0m	8.4kts	150.5°	7.4kts	left	1
3.	 	022_- HarborReef_2026-07-11_full	+00:00:03	2581.3m	8.4kts	150.4°	7.4kts	left	1
4.	 	013_- CrewAnchor_2026-07-11_full	+00:00:05	2627.0m	8.6kts	149.6°	7.4kts	left	1
5.	 	014_- FogBulwark_2026-07-11_full	+00:00:07	2554.1m	8.3kts	151.2°	7.3kts	left	2
6.	 	005_- BayBreaker_2026-07-11_full	+00:00:10	2529.2m	8.1kts	152.3°	7.2kts	left	1
7.	 	007_- BayCurrent_2026-07-11_full	+00:00:14	2638.1m	8.5kts	148.3°	7.2kts	middle	2
8.	 	015_- PortFathom2026-07-11_full	+00:00:17	2638.4m	8.4kts	149.2°	7.2kts	left	1
9.	 	028_- WaveDepths_2026-07-11_full	+00:00:17	2584.3m	8.3kts	150.3°	7.2kts	left	3
10.	 	002_- AftSkipper_2026-07-11_full	+00:00:19	2601.7m	8.2kts	150.4°	7.2kts	left	1
11.	 	023_- ReefAnchor_2026-07-11_full	+00:00:19	2492.5m	7.9kts	153.9°	7.2kts	left	2
12.	 	008_- WavePaddle2026-07-11_full	+00:00:20	2592.5m	8.2kts	149.4°	7.1kts	left	2
13.	 	016_- PortBeacon_2026-07-11_full	+00:00:20	2778.2m	8.8kts	143.7°	7.1kts	left	3
14.	 	031_- FleetWaves_2026-07-11_full	+00:00:23	2626.2m	8.3kts	148.8°	7.1kts	middle	4

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.



02

RACE TWO

• START 11:10:00

FLO'S RACE INSIGHTS

- Start Position:** BayBreaker picked a middle-to-boat-end spot and crossed just seconds late, keeping clear air. Pin-end starters (like WaveDepths) fell into traffic and lost early ground.
- First-Leg Recovery:** ReefAnchor led the opening upwind, but BayBreaker moved from mid-pack into contention by staying steady and picking its moments downwind.
- Side Strategy:** BayBreaker went left on the first two legs, then switched to the right for the third upwind, showing smart adaptation as the shifts played out.
- Smooth VMG:** With just two tacks on each upwind, BayBreaker held a steadier speed and avoided the speed dips seen in boats with extra maneuvers.

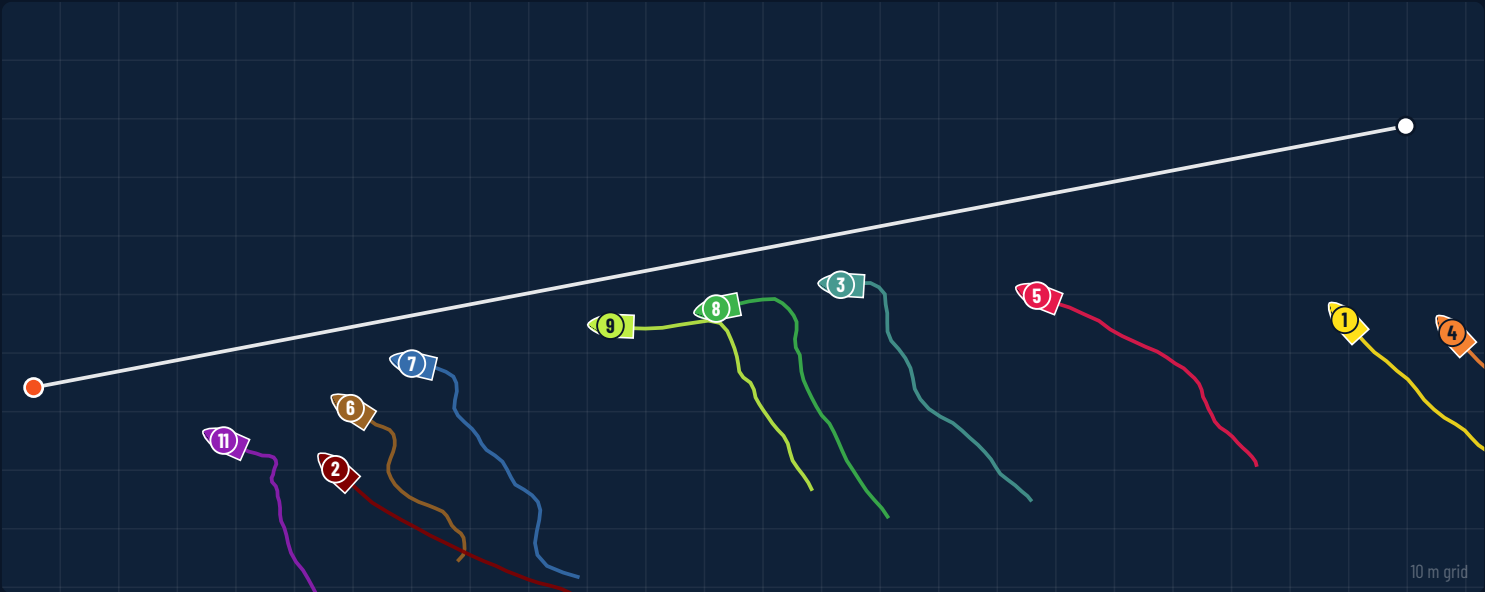
RACE 2 — FULL RACE SUMMARY

RANK	BOAT	DISTANCE	TIME	UPWIND SOG	UPWIND VMG	DOWNWIND SOG	DOWNWIND VMG	MAN.
1.	 005_BayBreaker_2026-07-11_full	12214.5m	00:55:38	6.6kts	4.1kts	8.6kts	6.1kts	17
2.	 023_ReefAnchor_2026-07-11_full	-243.2m	+00:00:24	6.5kts	3.8kts	8.5kts	6.5kts	15
3.	 022_HarborReef_2026-07-11_full	-267.7m	+00:00:31	6.3kts	4.3kts	7.5kts	5.8kts	19
4.	 015_PortFathom2026-07-11_full	+135.4m	+00:00:39	6.1kts	4.0kts	9.5kts	6.1kts	20
5.	 027_BowSkipper_2026-07-11_full	-200.8m	+00:01:16	6.1kts	3.8kts	7.6kts	6.0kts	15
6.	 014_FogBulwark_2026-07-11_full	-430.3m	+00:01:31	6.2kts	3.8kts	7.8kts	6.3kts	20
7.	 028_WaveDepths_2026-07-11_full	+302.3m	+00:01:33	7.1kts	3.9kts	7.6kts	6.0kts	17
8.	 002_AftSkipper_2026-07-11_full	+162.2m	+00:01:56	6.2kts	3.8kts	7.4kts	6.0kts	23
9.	 008_WavePaddle2026-07-11_full	+396.0m	+00:02:07	6.9kts	4.0kts	7.7kts	6.0kts	12
10.	 013_CrewAnchor_2026-07-11_full	-1.8m	+00:03:06	6.4kts	3.7kts	7.5kts	6.2kts	32
11.	 007_BayCurrent_2026-07-11_full	-273.7m	+00:03:14	5.7kts	3.7kts	7.8kts	6.1kts	23
12.	 031_FleetWaves_2026-07-11_full	+577.9m	+00:05:12	6.0kts	3.8kts	7.7kts	5.6kts	18

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.



RACE 2 – START REPORT



10 m grid — map scale reference



Boat numbers = **Mark 1 rounding order** — match the Leg 1 Rank column below

FAVORED END

Boat (44.6m)

LINE LENGTH

238.2m

WIND

112.0°

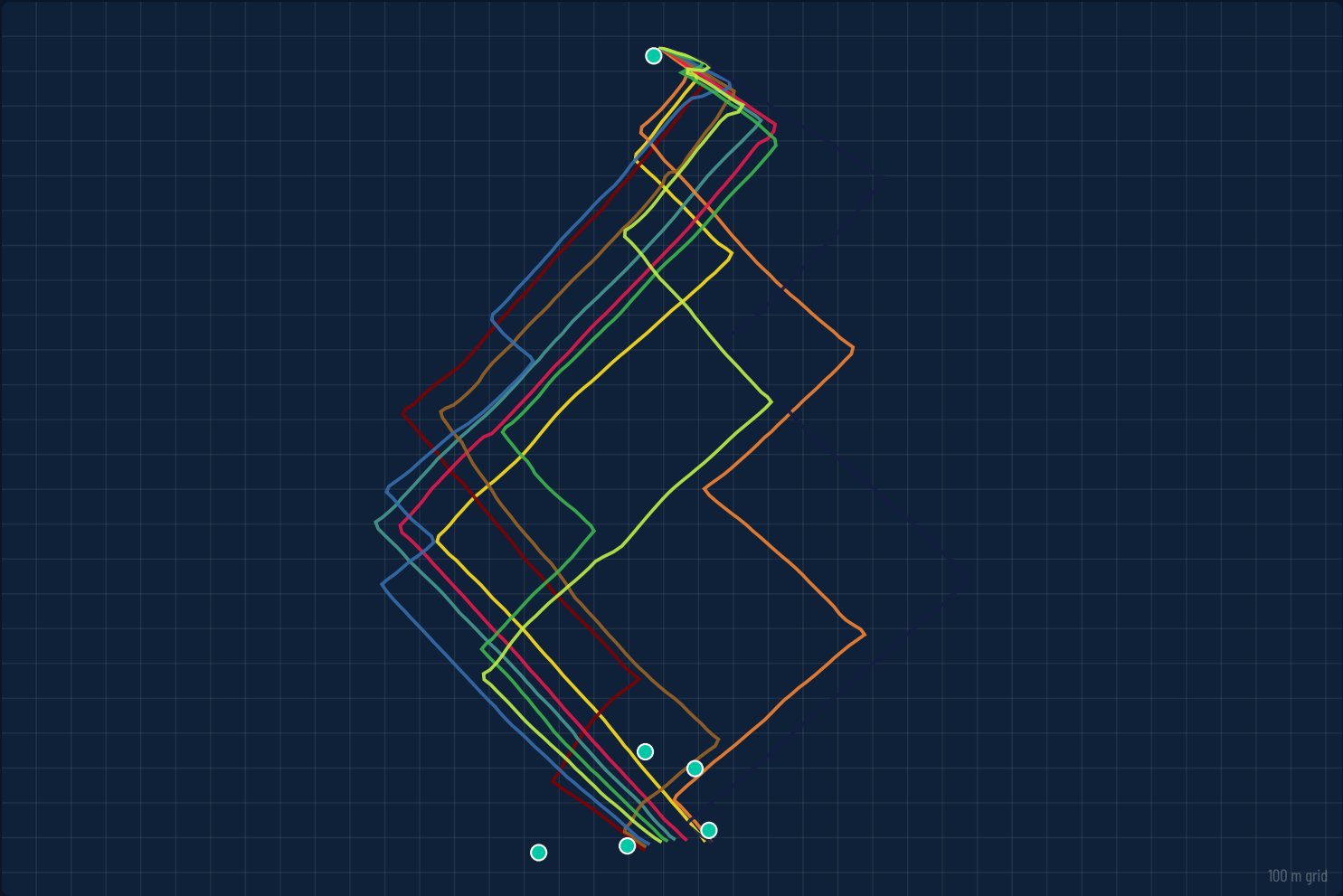
COMM TO M1

107.9°

LEG 1 RANK	BOAT	DIST TO LINE	SOG AT GO	START DELAY	POSITION ON LINE	TACK AT GO
1.	023_ReefAnchor_2026-07-11_full	40.0m	5.0kts	13.8s		starboard
2.	028_WaveDepths_2026-07-11_full	30.6m	5.4kts	11.5s		starboard
3.	015_PortFathom2026-07-11_full	11.2m	5.5kts	5.5s		starboard
4.	022_HarborReef_2026-07-11_full	47.8m	4.3kts	18.0s		starboard
5.	005_BayBreaker_2026-07-11_full	21.8m	5.7kts	7.8s		starboard
6.	014_FogBulwark_2026-07-11_full	17.8m	3.6kts	9.5s		starboard
7.	002_AftSkipper_2026-07-11_full	10.6m	4.1kts	6.0s		starboard
8.	007_BayCurrent_2026-07-11_full	11.2m	5.7kts	6.3s		starboard
9.	027_BowSkipper_2026-07-11_full	10.6m	5.7kts	4.5s		starboard
10.	008_WavePaddle2026-07-11_full	70.0m	3.8kts	42.0s		starboard
11.	031_FleetWaves_2026-07-11_full	19.6m	3.3kts	10.8s		starboard
12.	013_CrewAnchor_2026-07-11_full	69.9m	5.0kts	43.0s		starboard



RACE 2 – LEG 1 (UPWIND)



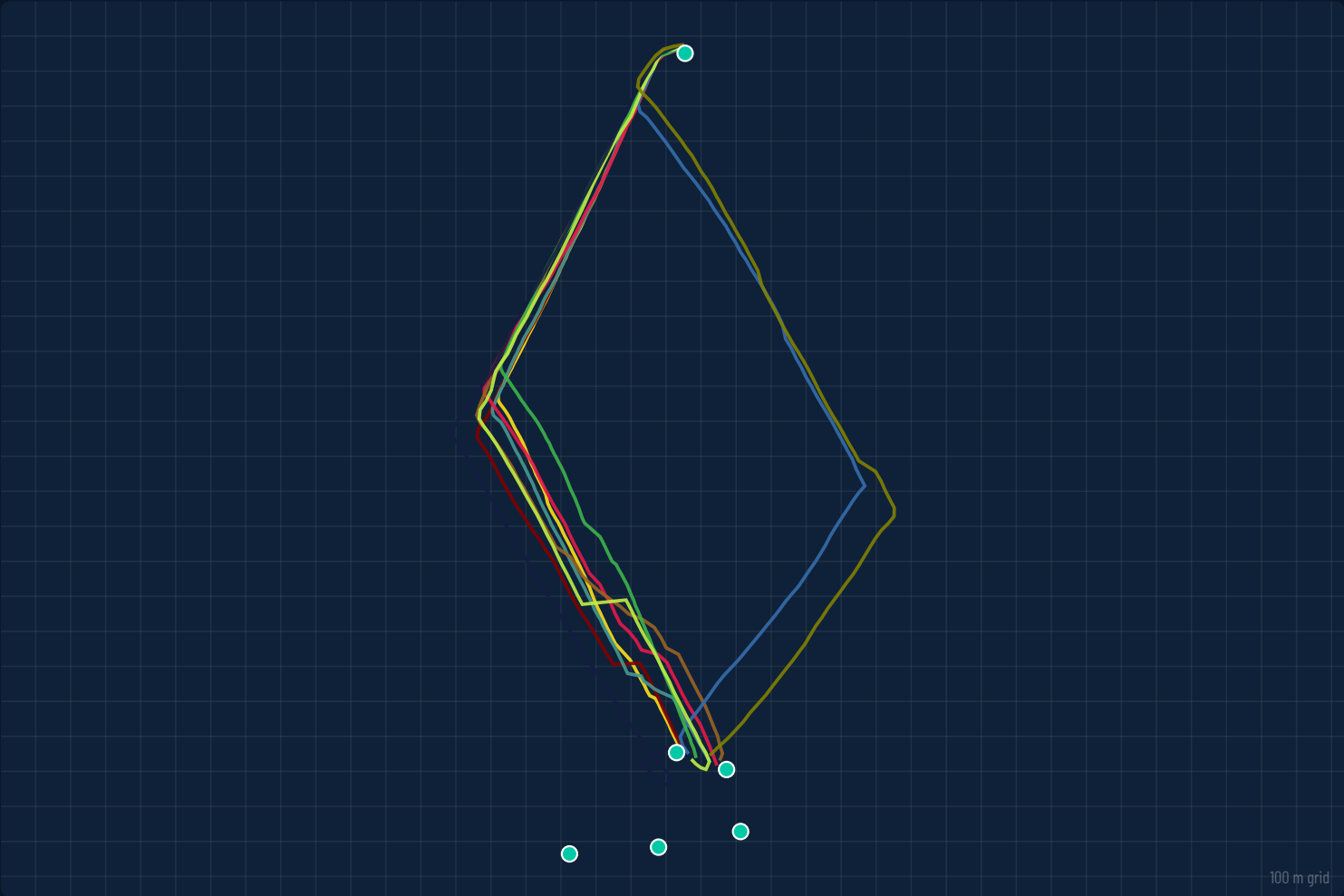
LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.	 	023_- ReefAnchor_2026-07-11_full	00:16:55	3207.5m	6.2kts	43.8°	4.4kts	left	4
2.	 	028_- WaveDepths_2026-07-11_full	+00:00:08	3241.8m	6.2kts	43.6°	4.4kts	left	4
3.	 	015_- PortFathom2026-07-11_full	+00:00:15	3239.8m	6.1kts	44.6°	4.3kts	left	2
4.	 	022_- HarborReef_2026-07-11_full	+00:00:32	3356.1m	6.3kts	46.6°	4.3kts	right	6
5.	 	005_- BayBreaker_2026-07-11_full	+00:00:40	3234.5m	6.0kts	44.5°	4.2kts	left	2
6.	 	014_- FogBulwark_2026-07-11_full	+00:00:58	3256.1m	6.0kts	43.5°	4.2kts	left	4
7.	 	002_- AftSkipper_2026-07-11_full	+00:01:12	3461.2m	6.3kts	47.8°	4.2kts	left	6
8.	 	007_- BayCurrent_2026-07-11_full	+00:01:29	3373.1m	6.0kts	46.8°	4.0kts	left	8



9.	 	027_- BowSkipper_2026-07-11_full	+00:01:34	3466.2m	6.1kts	47.2°	4.0kts	left	6
10.	 	008_- WavePaddle2026-07-11_full	+00:01:44	3632.7m	6.4kts	50.1°	4.0kts	right	4
11.	 	031_- FleetWaves_2026-07-11_full	+00:01:48	3449.8m	6.0kts	47.8°	4.0kts	left	6
12.	 	013_- CrewAnchor_2026-07-11_full	+00:01:51	3554.0m	6.2kts	49.5°	4.0kts	right	6

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.

RACE 2 – LEG 2 (DOWNWIND)



LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.	 	023_- ReefAnchor_2026-07-11_full	00:09:35	2317.4m	7.7kts	153.1°	6.9kts	left	1
2.	 	007_- BayCurrent_2026-07-11_full	+00:00:14	2337.3m	7.6kts	152.0°	6.6kts	left	1
3.	 	015_- PortFathom2026-07-11_full	+00:00:23	2436.4m	7.9kts	150.9°	6.4kts	left	3

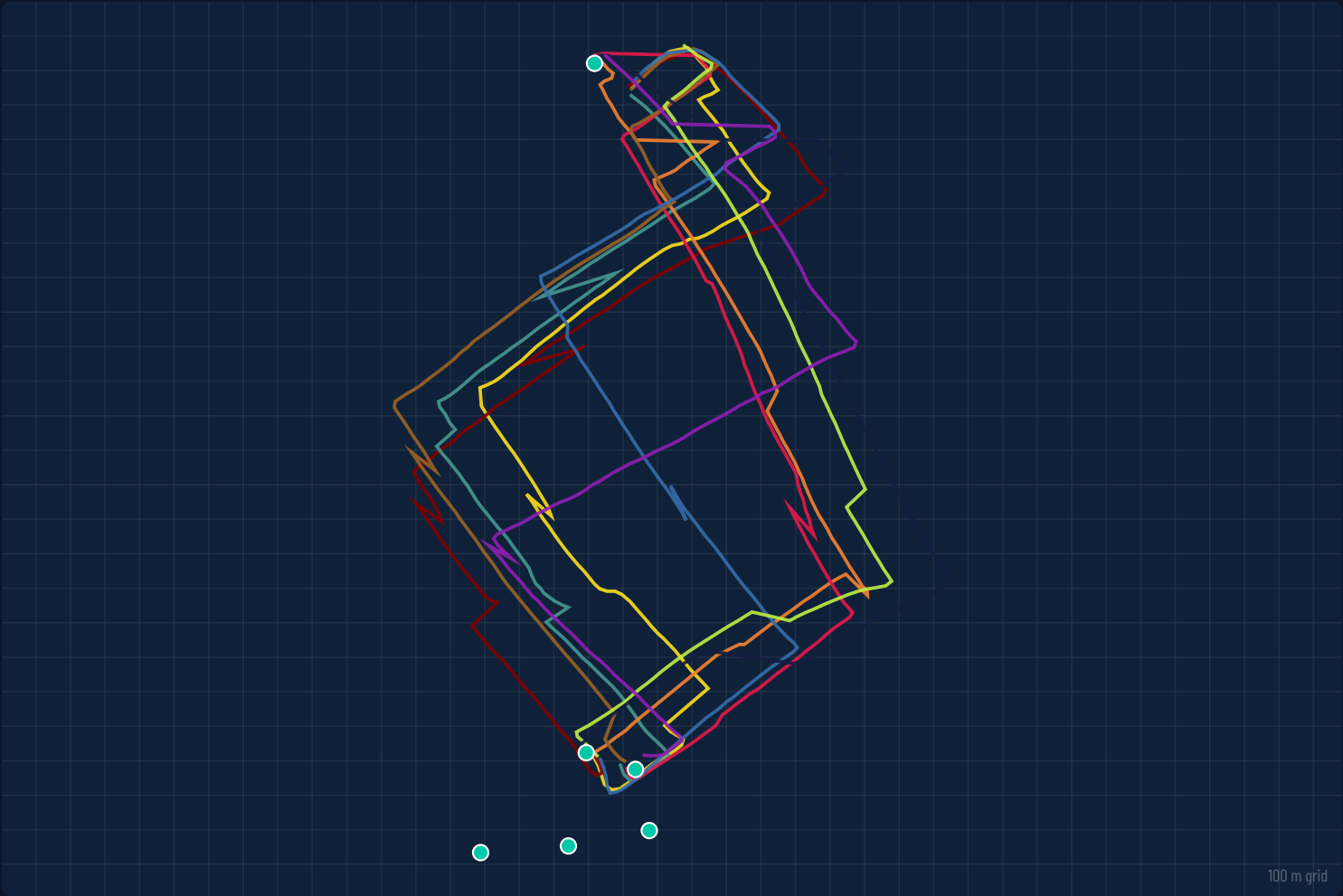


4.	 	005_- BayBreaker_2026-07-11_full	+00:00:34	2473.9m	8.1kts	149.2°	6.4kts	left	1
5.	 	028_- WaveDepths_2026-07-11_full	+00:00:54	2430.8m	7.5kts	150.8°	6.3kts	left	1
6.	 	014_- FogBulwark_2026-07-11_full	+00:01:08	2538.0m	7.9kts	148.3°	6.1kts	left	2
7.	 	027_- BowSkipper_2026-07-11_full	+00:01:09	2604.1m	7.7kts	147.3°	6.2kts	left	2
8.	 	002_- AftSkipper_2026-07-11_full	+00:01:24	2472.5m	7.2kts	146.0°	6.0kts	right	5
9.	 	013_- CrewAnchor_2026-07-11_full	+00:01:43	2530.8m	7.4kts	145.6°	5.8kts	right	2
10.	 	008_- WavePaddle2026-07-11_full	+00:02:02	2691.7m	7.7kts	141.7°	6.0kts	left	3
11.	 	022_- HarborReef_2026-07-11_full	+00:02:07	2648.3m	7.6kts	144.0°	6.0kts	left	3
12.	 	031_- FleetWaves_2026-07-11_full	+00:02:24	2795.2m	7.5kts	143.9°	5.3kts	right	3

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.



RACE 2 – LEG 3 (UPWIND)



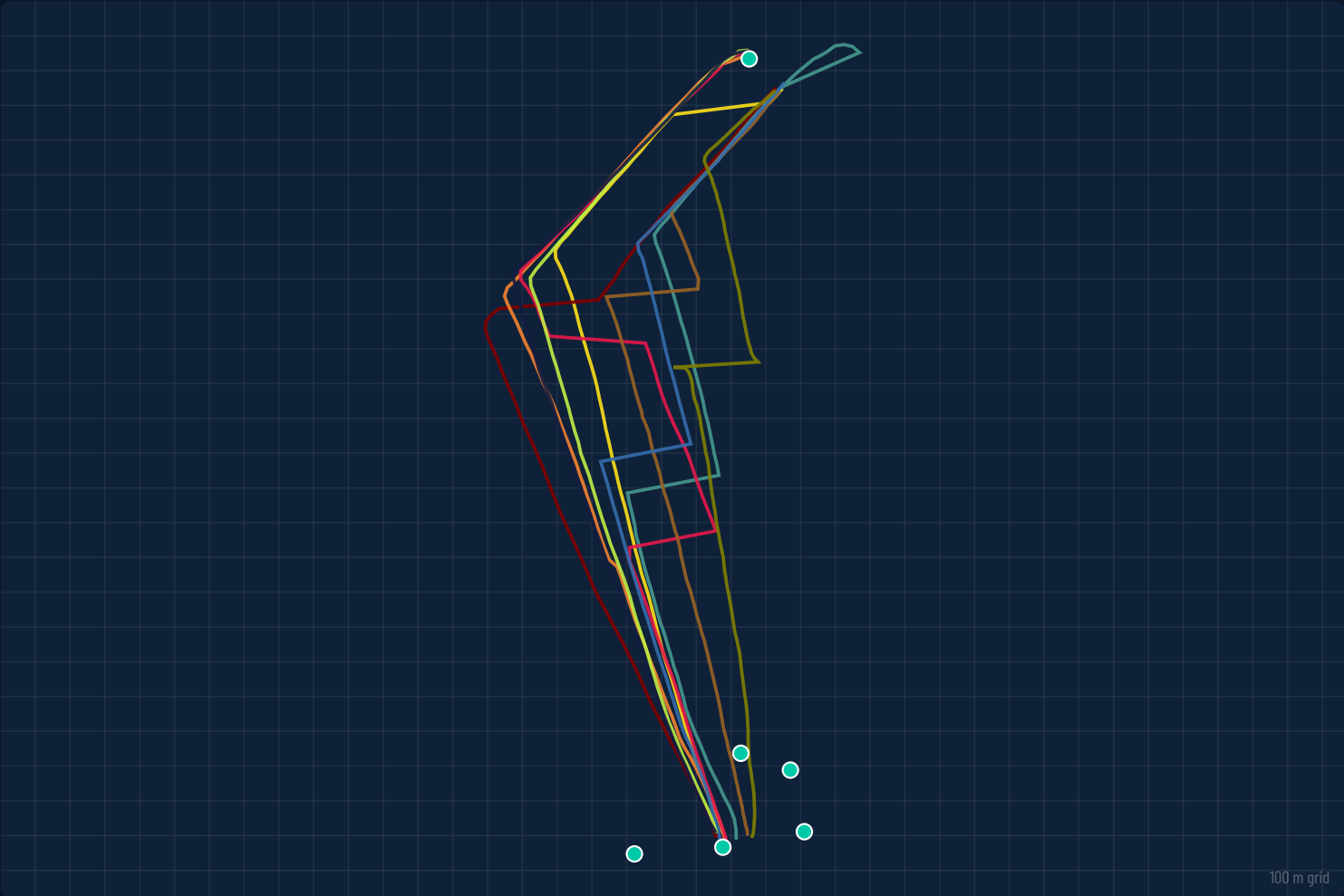
LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		022_- HarborReef_2026-07-11_full	00:15:16	3248.3m	6.3kts	41.9°	4.3kts	right	9
2.		008_- WavePaddle2026-07-11_full	+00:00:55	3607.2m	7.5kts	45.4°	4.0kts	right	3
3.		027_- BowSkipper_2026-07-11_full	+00:01:06	3314.2m	6.1kts	41.2°	3.5kts	right	6
4.		005_- BayBreaker_2026-07-11_full	+00:01:17	3349.8m	7.2kts	39.0°	4.1kts	right	9
5.		015_- PortFathom2026-07-11_full	+00:02:08	3529.5m	6.1kts	49.1°	3.6kts	left	11
6.		002_- AftSkipper_2026-07-11_full	+00:02:56	3782.3m	6.2kts	53.1°	3.5kts	middle	9
7.		014_- FogBulwark_2026-07-11_full	+00:03:22	3412.7m	6.3kts	49.8°	3.4kts	left	8
8.		031_- FleetWaves_2026-07-11_full	+00:03:29	3776.7m	6.0kts	51.1°	3.5kts	left	7



9.		028_- WaveDepths_2026-07-11_full	+00:03:31	4069.0m	8.0kts	52.3°	3.5kts	left	11
10.		013_- CrewAnchor_2026-07-11_full	+00:03:31	3566.1m	6.6kts	50.6°	3.4kts	right	6
11.		007_- BayCurrent_2026-07-11_full	+00:03:41	3450.7m	5.4kts	46.1°	3.3kts	right	7
12.		023_- ReefAnchor_2026-07-11_full	+00:04:01	3826.0m	6.9kts	54.6°	3.3kts	left	9

Performance metrics (SOG, VMG, TWA) use straight-line segments only – excluding maneuvers (±10s) and the first/last 5s of each leg.

RACE 2 – LEG 4 (DOWNWIND)



LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		013_- CrewAnchor_2026-07-11_full	00:09:53	2572.7m	7.6kts	164.1°	6.6kts	left	18
2.		014_- FogBulwark_2026-07-11_full	+00:00:02	2598.6m	7.6kts	158.5°	6.5kts	left	6
3.		023_- ReefAnchor_2026-07-11_full	+00:00:22	2630.8m	9.3kts	156.8°	6.1kts	left	1



4.	 	002_- AftSkipper_2026-07-11_full	+00:00:23	2668.1m	7.6kts	155.6°	6.1kts	left	3
5.	 	028_- WaveDepths_2026-07-11_full	+00:00:59	2788.6m	7.6kts	148.8°	5.7kts	left	1
6.	 	008_- WavePaddle2026-07-11_full	+00:01:25	2679.5m	7.7kts	149.3°	5.9kts	left	2
7.	 	027_- BowSkipper_2026-07-11_full	+00:01:26	2630.0m	7.6kts	151.7°	5.9kts	left	1
8.	 	005_- BayBreaker_2026-07-11_full	+00:01:28	3178.2m	9.1kts	149.5°	5.9kts	left	5
9.	 	031_- FleetWaves_2026-07-11_full	+00:01:30	2775.3m	8.0kts	146.8°	5.9kts	left	2
10.	 	007_- BayCurrent_2026-07-11_full	+00:01:49	2792.0m	8.0kts	149.1°	5.6kts	right	7
11.	 	022_- HarborReef_2026-07-11_full	+00:01:51	2705.3m	7.5kts	148.6°	5.6kts	left	1
12.	 	015_- PortFathom2026-07-11_full	+00:01:52	3172.5m	11.0kts	149.7°	5.8kts	left	4

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.



03

RACE THREE

• START 12:37:14

FLO'S RACE INSIGHTS

- Early Lead:** WaveDepths nailed the start with a strong boat-end position and went right on the first upwind, giving them a clear-air jump and the fastest opening leg.
- Winning Charge:** ReefAnchor, also starting toward the boat end, stuck to the right side on both upwinds and then powered through the final downwind to overtake WaveDepths and win overall.
- Start Position Matters:** Boats with a positive line bias at the start (WaveDepths, ReefAnchor) found clear air for higher speeds, while pin-end starters got held up in the fleet.
- Side Consistency:** ReefAnchor's steady choice of the right side paid off—boats that shifted sides on upwinds saw slower leg times.

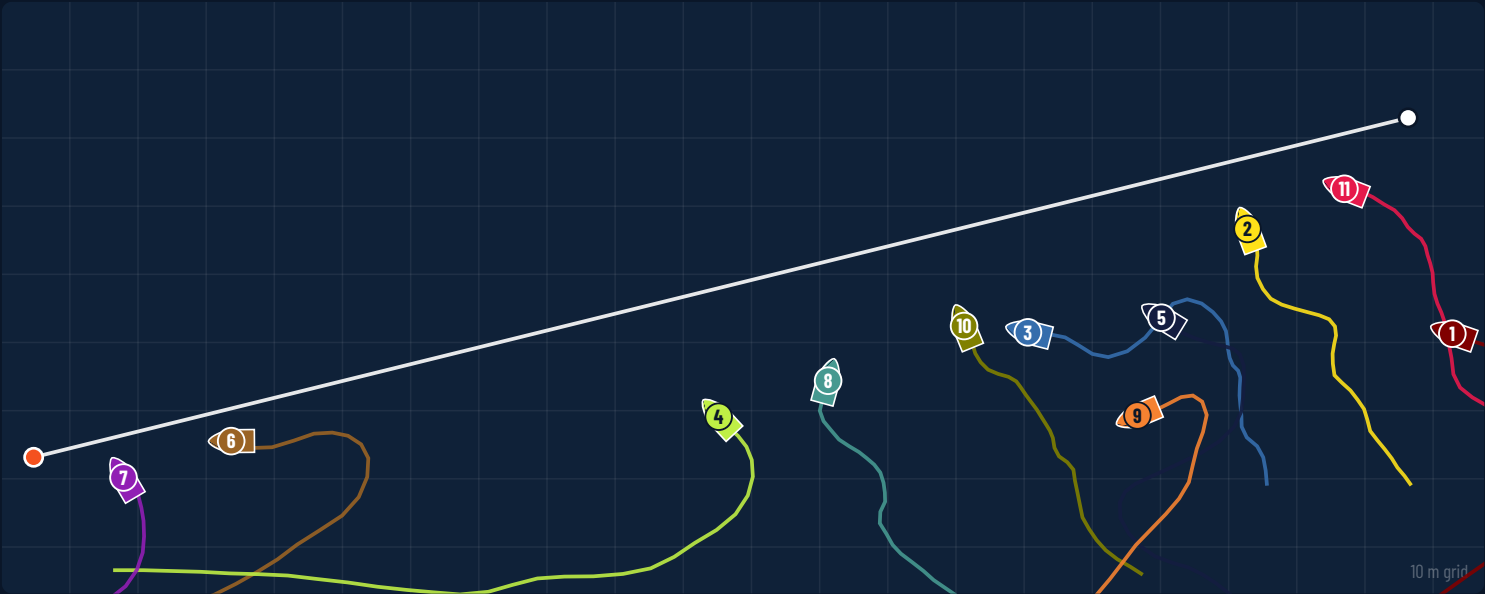
RACE 3 — FULL RACE SUMMARY

RANK	BOAT	DISTANCE	TIME	UPWIND SOG	UPWIND VMG	DOWNWIND SOG	DOWNWIND VMG	MAN.
1.	 023_ReefAnchor_2026-07-11_full	9273.1m	00:44:37	6.3kts	4.3kts	7.7kts	6.5kts	15
2.	 008_WavePaddle2026-07-11_full	+84.1m	+00:00:35	6.3kts	4.4kts	7.7kts	6.6kts	13
3.	 027_BowSkipper_2026-07-11_full	+77.1m	+00:00:51	6.2kts	4.4kts	7.5kts	6.5kts	15
4.	 002_AftSkipper_2026-07-11_full	+113.0m	+00:01:03	6.2kts	4.2kts	7.5kts	6.5kts	17
5.	 028_WaveDepths_2026-07-11_full	+21.0m	+00:01:19	6.2kts	4.3kts	7.3kts	6.4kts	13
6.	 005_BayBreaker_2026-07-11_full	+162.6m	+00:01:45	6.1kts	4.1kts	7.6kts	6.4kts	15
7.	 015_PortFathom2026-07-11_full	+308.7m	+00:01:57	6.1kts	4.3kts	7.8kts	6.0kts	16
8.	 013_CrewAnchor_2026-07-11_full	+352.8m	+00:02:09	6.2kts	4.2kts	7.8kts	6.5kts	22
9.	 022_HarborReef_2026-07-11_full	+263.0m	+00:02:16	6.1kts	4.1kts	7.6kts	6.4kts	16
10.	 014_FogBulwark_2026-07-11_full	+261.7m	+00:02:36	6.0kts	4.1kts	7.6kts	6.3kts	16
11.	 031_FleetWaves_2026-07-11_full	+427.2m	+00:02:43	6.1kts	4.1kts	7.6kts	6.1kts	17

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.



RACE 3 – START REPORT



10 m grid — map scale reference

Boat numbers = **Mark 1 rounding order** — match the Leg 1 Rank column below

FAVORED END
Boat (49.7m)

LINE LENGTH
207.5m

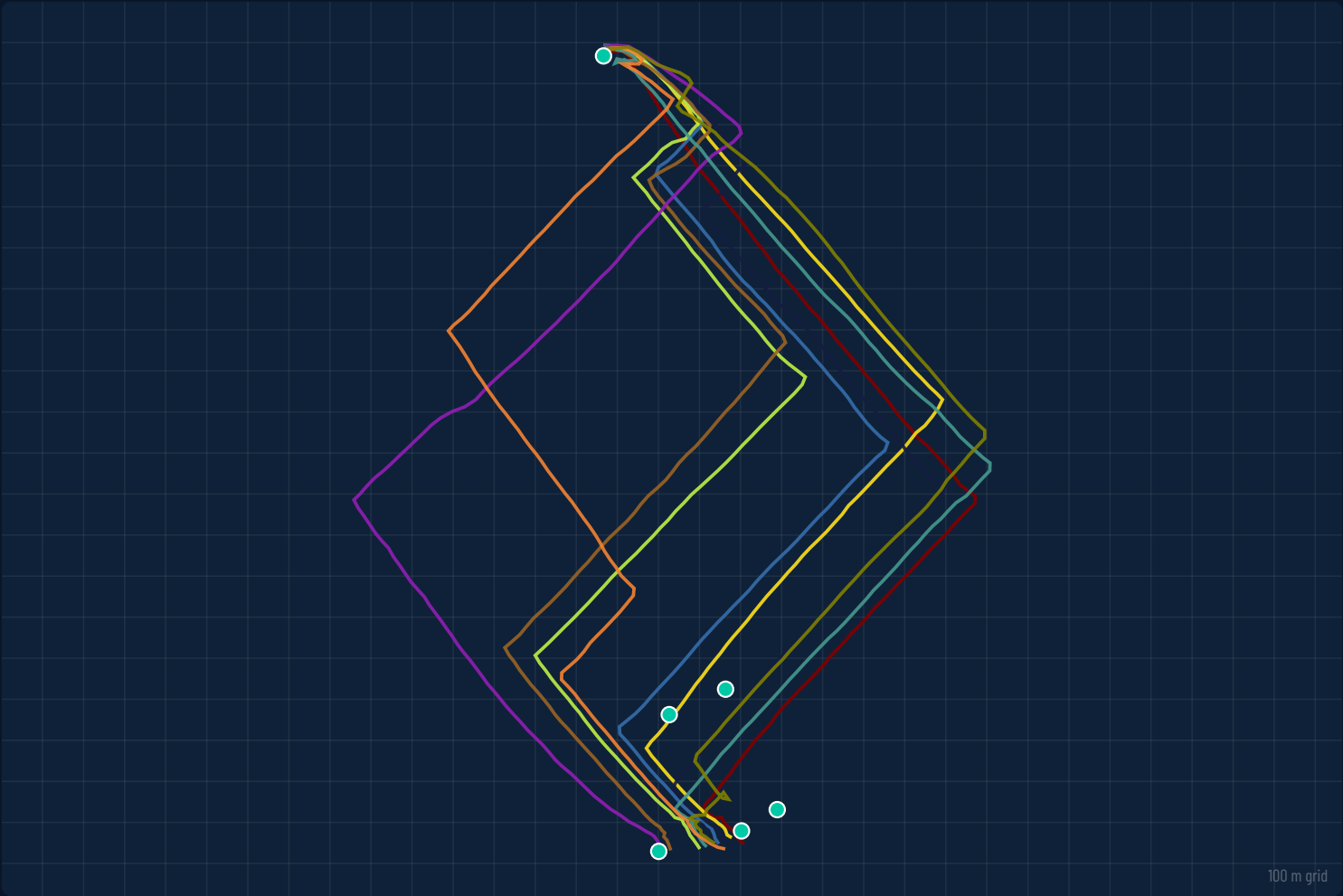
WIND
155.0°

COMM TO M1
144.9°

LEG 1 RANK	BOAT	DIST TO LINE	SOG AT GO	START DELAY	POSITION ON LINE	TACK AT GO
1.	028_WaveDepths_2026-07-11_full	36.4m	5.2kts	19.8s		starboard
2.	023_ReefAnchor_2026-07-11_full	11.1m	2.6kts	9.0s		starboard
3.	002_AftSkipper_2026-07-11_full	18.8m	5.7kts	9.3s		starboard
4.	027_BowSkipper_2026-07-11_full	20.1m	3.8kts	10.8s		starboard
5.	008_WavePaddle2026-07-11_full	21.7m	3.7kts	12.3s		starboard
6.	014_FogBulwark_2026-07-11_full	5.1m	5.7kts	2.3s		starboard
7.	031_FleetWaves_2026-07-11_full	6.6m	3.3kts	4.0s		starboard
8.	015_PortFathom2026-07-11_full	18.7m	2.5kts	14.0s		port
9.	022_HarborReef_2026-07-11_full	36.0m	4.7kts	21.0s		starboard
10.	013_CrewAnchor_2026-07-11_full	15.4m	2.6kts	10.0s		starboard
11.	005_BayBreaker_2026-07-11_full	8.6m	4.5kts	6.8s		starboard



RACE 3 – LEG 1 (UPWIND)



LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		028_- WaveDepths_2026-07-11_full	00:14:14	2604.2m	6.0kts	40.9°	4.5kts	right	2
2.		023_- ReefAnchor_2026-07-11_full	+00:00:01	2636.7m	6.0kts	42.0°	4.4kts	right	6
3.		002_- AftSkipper_2026-07-11_full	+00:00:19	2719.7m	6.1kts	42.7°	4.4kts	middle	10
4.		027_- BowSkipper_2026-07-11_full	+00:00:30	2753.8m	6.1kts	43.1°	4.3kts	left	6
5.		008_- WavePaddle2026-07-11_full	+00:00:37	2739.1m	6.0kts	43.5°	4.3kts	right	4
6.		014_- FogBulwark_2026-07-11_full	+00:01:03	2732.7m	5.9kts	43.7°	4.2kts	left	9
7.		031_- FleetWaves_2026-07-11_full	+00:01:08	2884.7m	6.1kts	45.4°	4.1kts	left	4
8.		015_- PortFathom2026-07-11_full	+00:01:22	2797.7m	5.9kts	44.8°	4.1kts	right	6



RACE 3 – LEG 2 (DOWNWIND)

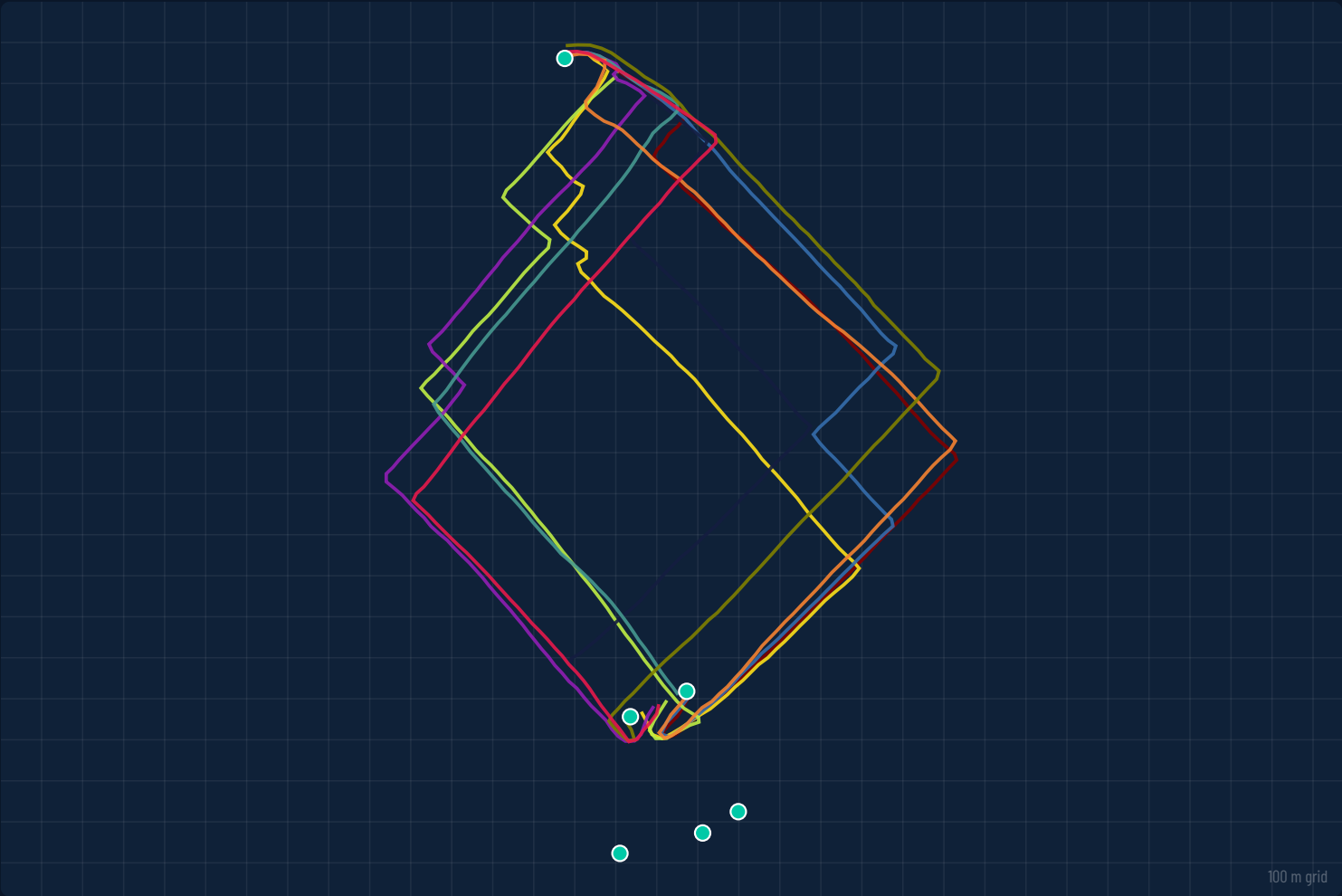
LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		027_-BowSkipper_2026-07-11_full	00:07:35	1820.1m	7.9kts	151.5°	6.9kts	left	2
2.		028_-WaveDepths_2026-07-11_full	+00:00:01	1805.3m	7.8kts	150.6°	6.8kts	left	1
3.		008_-WavePaddle2026-07-11_full	+00:00:01	1876.9m	8.0kts	151.3°	6.9kts	left	1
4.		005_-BayBreaker_2026-07-11_full	+00:00:01	1833.8m	7.9kts	151.3°	6.7kts	left	1



5.	 	023_- ReefAnchor_2026-07-11_full	+00:00:04	1890.2m	8.1kts	150.4°	6.8kts	left	1
6.	 	002_- AftSkipper_2026-07-11_full	+00:00:05	1818.0m	7.8kts	151.3°	6.9kts	left	2
7.	 	031_- FleetWaves_2026-07-11_full	+00:00:11	1909.0m	8.0kts	148.6°	6.5kts	left	4
8.	 	013_- CrewAnchor_2026-07-11_full	+00:00:13	1902.2m	8.0kts	150.6°	6.7kts	left	1
9.	 	022_- HarborReef_2026-07-11_full	+00:00:18	1862.6m	7.7kts	147.7°	6.6kts	right	2
10.	 	014_- FogBulwark_2026-07-11_full	+00:00:21	1935.9m	8.0kts	145.8°	6.5kts	middle	2
11.	 	015_- PortFathom2026-07-11_full	+00:01:55	2291.3m	8.0kts	136.4°	5.8kts	right	4

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.

RACE 3 — LEG 3 (UPWIND)



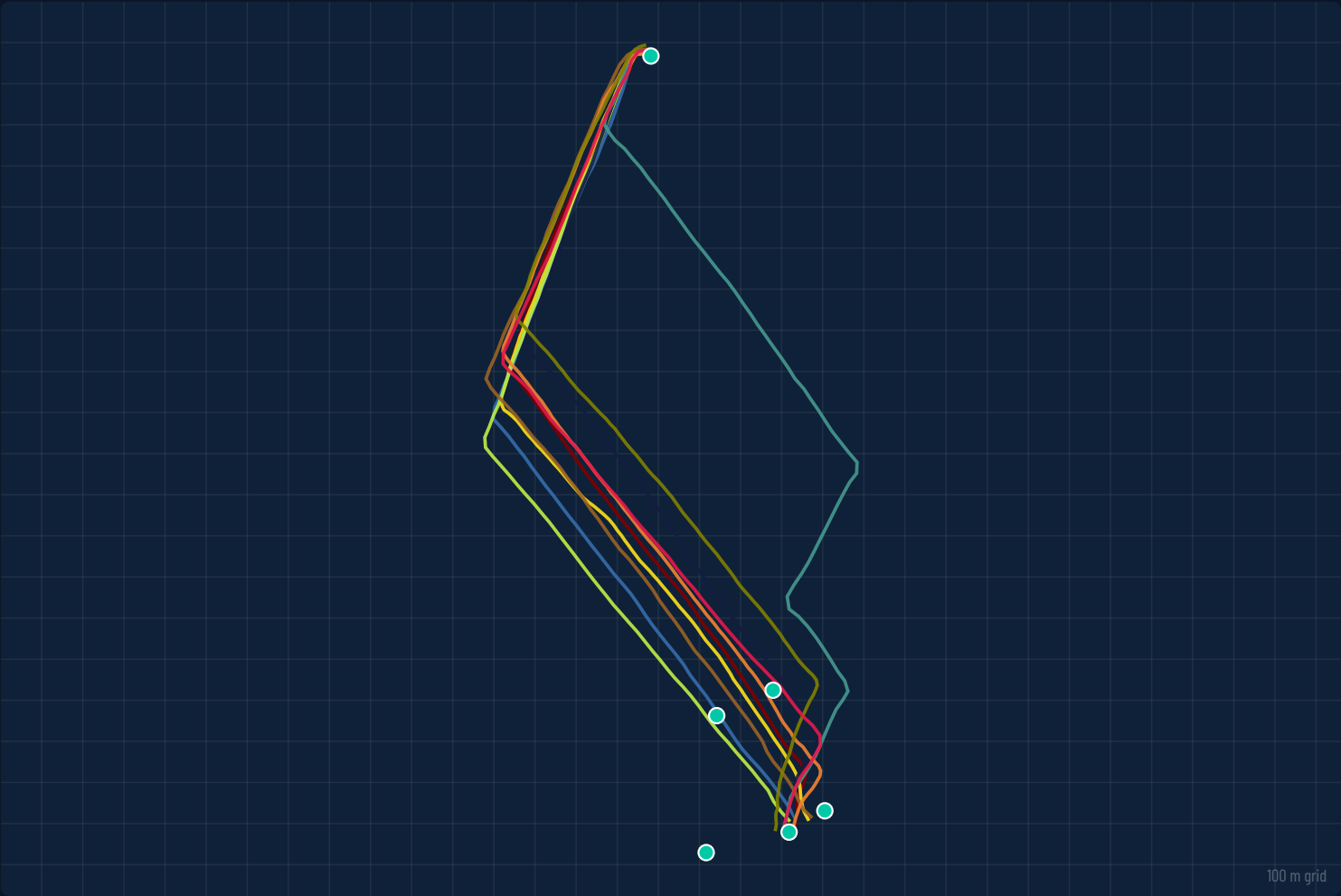


LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.	 	015_- PortFathom2026-07-11_full	00:11:27	2193.2m	6.3kts	43.3°	4.5kts	left	2
2.	 	005_- BayBreaker_2026-07-11_full	+00:01:13	2510.3m	6.5kts	47.5°	4.3kts	left	2
3.	 	008_- WavePaddle2026-07-11_full	+00:01:14	2506.3m	6.5kts	45.3°	4.5kts	right	5
4.	 	023_- ReefAnchor_2026-07-11_full	+00:01:20	2517.7m	6.5kts	48.3°	4.2kts	right	7
5.	 	027_- BowSkipper_2026-07-11_full	+00:01:29	2510.4m	6.4kts	45.5°	4.4kts	left	6
6.	 	013_- CrewAnchor_2026-07-11_full	+00:01:49	2571.7m	6.3kts	46.4°	4.2kts	right	3
7.	 	031_- FleetWaves_2026-07-11_full	+00:01:52	2510.2m	6.2kts	48.6°	4.0kts	left	6
8.	 	002_- AftSkipper_2026-07-11_full	+00:01:54	2607.5m	6.3kts	48.4°	4.1kts	right	4
9.	 	022_- HarborReef_2026-07-11_full	+00:01:55	2622.2m	6.4kts	48.5°	4.1kts	right	4
10.	 	028_- WaveDepths_2026-07-11_full	+00:02:07	2655.5m	6.4kts	50.4°	4.1kts	right	4
11.	 	014_- FogBulwark_2026-07-11_full	+00:02:17	2606.2m	6.2kts	46.9°	4.1kts	left	4

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.



RACE 3 – LEG 4 (DOWNWIND)



LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		023_- ReefAnchor_2026-07-11_full	00:09:56	2222.1m	7.3kts	149.8°	6.2kts	left	1
2.		022_- HarborReef_2026-07-11_full	+00:00:01	2273.1m	7.5kts	147.5°	6.2kts	left	2
3.		013_- CrewAnchor_2026-07-11_full	+00:00:01	2278.4m	7.6kts	148.7°	6.3kts	left	6
4.		015_- PortFathom2026-07-11_full	+00:00:05	2294.4m	7.5kts	147.3°	6.2kts	right	4
5.		008_- WavePaddle2026-07-11_full	+00:00:08	2227.6m	7.4kts	149.0°	6.3kts	left	3
6.		002_- AftSkipper_2026-07-11_full	+00:00:10	2234.1m	7.2kts	149.4°	6.1kts	left	1
7.		027_- BowSkipper_2026-07-11_full	+00:00:17	2258.7m	7.2kts	148.2°	6.0kts	middle	1
8.		005_- BayBreaker_2026-07-11_full	+00:00:17	2310.0m	7.3kts	147.7°	6.1kts	middle	2



9.	 	014_- FogBulwark_2026-07-11_full	+00:00:20	2252.7m	7.1kts	148.0°	6.0kts	left	1
10.	 	028_- WaveDepths_2026-07-11_full	+00:00:36	2222.7m	6.9kts	150.5°	5.9kts	left	6
11.		031_- FleetWaves_2026-07-11_full	+00:00:57	2392.0m	7.2kts	144.2°	5.7kts	left	3

Performance metrics (SOG, VMG, TWA) use straight-line segments only — excluding maneuvers (±10s) and the first/last 5s of each leg.