

RACE ANALYSIS REPORT

2026 Newport Regatta - Etchells Day 2

CLASS	DATE	RACES
Etchells	7/11/2026	3

POWERED BY SAILSYNC.AI



SCAN FOR RACE REPLAY AND AI FEEDBACK



Upwind VMG patterns: In Race 1 the fastest upwind leg came on the right side (leg 3) while in Race 3 the best VMG was on the left. Race 2's winner swung right on leg 1 before returning left later, showing winners adjust side choice rather than sticking to one side.

Line starts and penalties: The race winners crossed near the middle of the line (30-70%) and stayed clear, while USA 959 in Race 1 was OCS (too far over) and served a big penalty.

First-leg leaders vs overall winners: In all three races the boat fastest off the first upwind (leg 1) did not win overall; top boats made gains on the mid upwind legs by riding stronger shifts.

Adaptability wins: USA 1504 stuck left in Races 1 and 3 but switched to the right in Race 2 when that side paid. USS 1060 showed similar flexibility, underlining that adapting to the day's shift patterns is more important than a fixed side choice.

FLO'S COACHING INSIGHTS

BOAT	STRENGTH	WEAKNESS
USA 1504	Quick to adapt side choice and strong mid-race VMG recoveries.	Slow out of the first upwind leg forced catch-up tactics.
USA 1060	Excellent first-leg pace when choosing the favored side.	Struggles to hold lead on the middle upwind when shifts come.
USA 1111	Powerful first upwind burst and high top speeds.	Inconsistent mid-race VMG led to loss of early advantage.
USA 1398	Steady heels and solid average upwind speed.	Lagged behind in key mid-course legs, costing time.
BER 1428	Low maneuver count and smooth VMG consistency.	Lacked peak speed on tight upwind angles.
USA 1220	Clean, stable helming with consistent VMG.	Overall VMG lower than fleet average, hard to challenge leaders.
USA 1397	Smooth helm work and moderate heel control.	Weaker downwind gybe speed left gaps.
USA 1221	Low heel and clean angle holding.	Missing top-end bursts on the windward legs.
USA 744	Strong downwind runs when on the favored gate side.	Slow upwind VMG and too many tacks under pressure.
USA 959	Competitive downwind VMG in clear air.	OCS start in Race 1 cost a decisive time penalty.
USA 1045	Highest short-burst SOG peaks recorded.	Inconsistent pacing across legs and late starts hurt overall.
USA 1105	Consistent mid-race VMG and good boat handling.	Slow starts and struggled to capitalize on shifts.

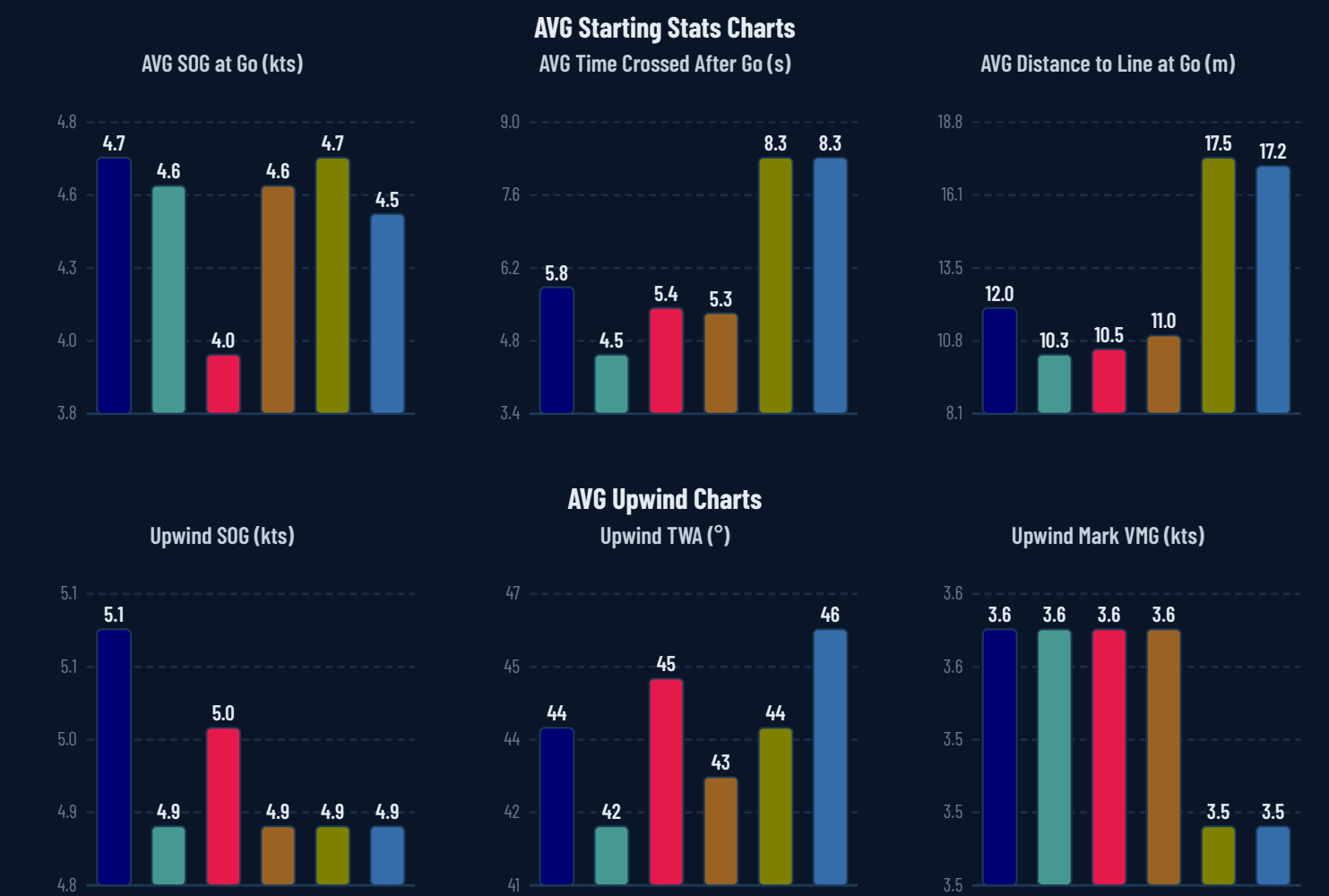
RESULTS

#	BOAT	R4	R5	R6	TOTAL
1	 USA 1504	1	2	1	4
2	 USA 1060	2	1	3	6
3	 USA 1111	3	4	2	9
4	 USA 1398	5	3	5	13



5		BER 1428	4	5	4	13
6		USA 1397	6	6	6	18
7		USA 1221	7	8	7	22
8		USA 744	8	9	8	25
9		USA 1045	9	7	11	27
10		USA 1220	10	12	9	31
11		USA 959	11	10	10	31
12		USA 1105	DNF	11	12	36

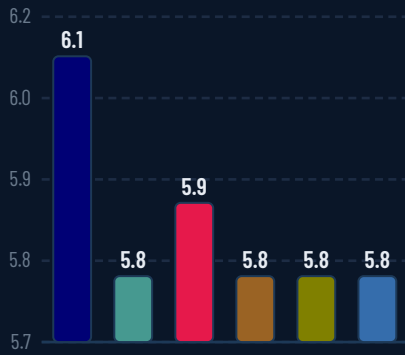
OVERALL PERFORMANCE CHARTS



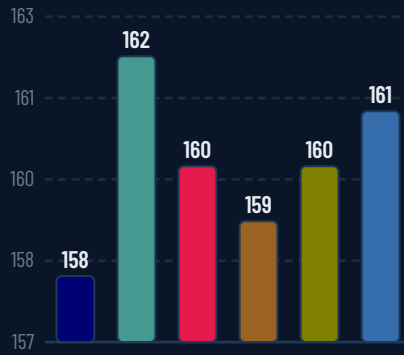


AVG Downwind Charts

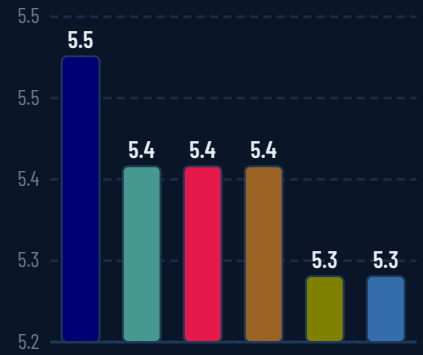
Downwind SOG (kts)



Downwind TWA (°)



Downwind Mark VMG (kts)



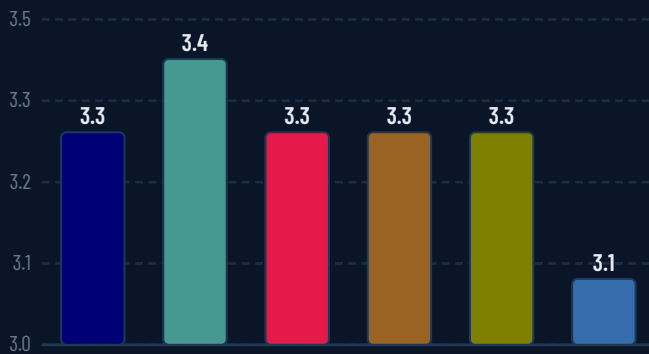
USA 1504 USA 1060 USA 1111 USA 1398 BER 1428 USA 1397

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).

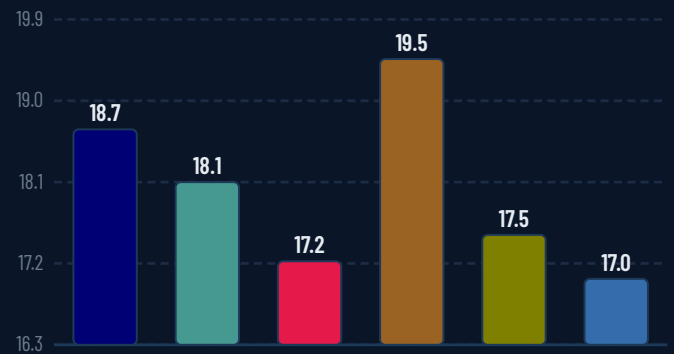
UPWIND MANEUVER ANALYSIS

Upwind Maneuver Charts

AVG VMG $\pm 5s$ (kts)



AVG VMG Loss (m)



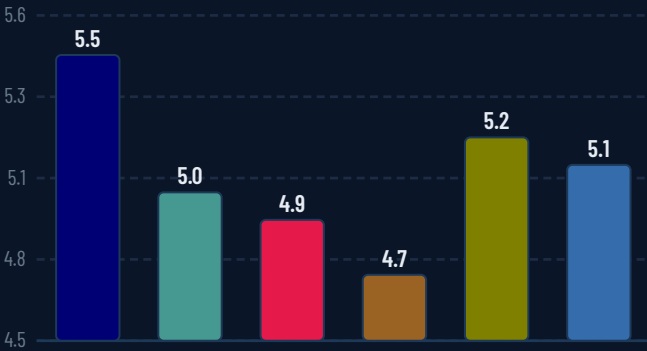
USA 1504 USA 1060 USA 1111 USA 1398 BER 1428 USA 1397



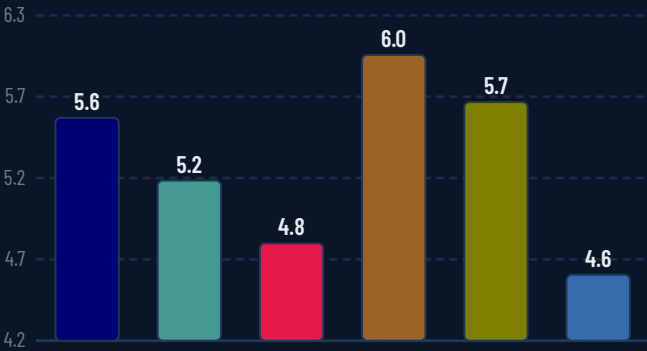
DOWNWIND MANEUVER ANALYSIS

Downwind Maneuver Charts

AVG VMG ±5s (kts)



AVG VMG Loss (m)



USA 1504 USA 1060 USA 1111 USA 1398 BER 1428 USA 1397



04

RACE FOUR

• START 09:41:01

FLO'S RACE INSIGHTS

Leg 1 vs. Overall: USA 1060 led the first upwind by going left, but USA 1504 made up that gap by winning the third (upwind) and fourth (downwind) legs, taking the overall win.

Side Choice Adaptation: 1504 switched from left on leg 1 to right on leg 3 when the shifts favored that side, while many stuck left and lost out.

Start Line Position: 1504 crossed near the middle of the line (around 40%)—a safe bias that avoided penalties. In contrast, USA 959 was over early (OCS), fell back behind the line, and lost significant time.

Mid-Race VMG Strength: 1504 posted the fastest times on the middle upwind and the final downwind, showing strong VMG recovery when others slowed.

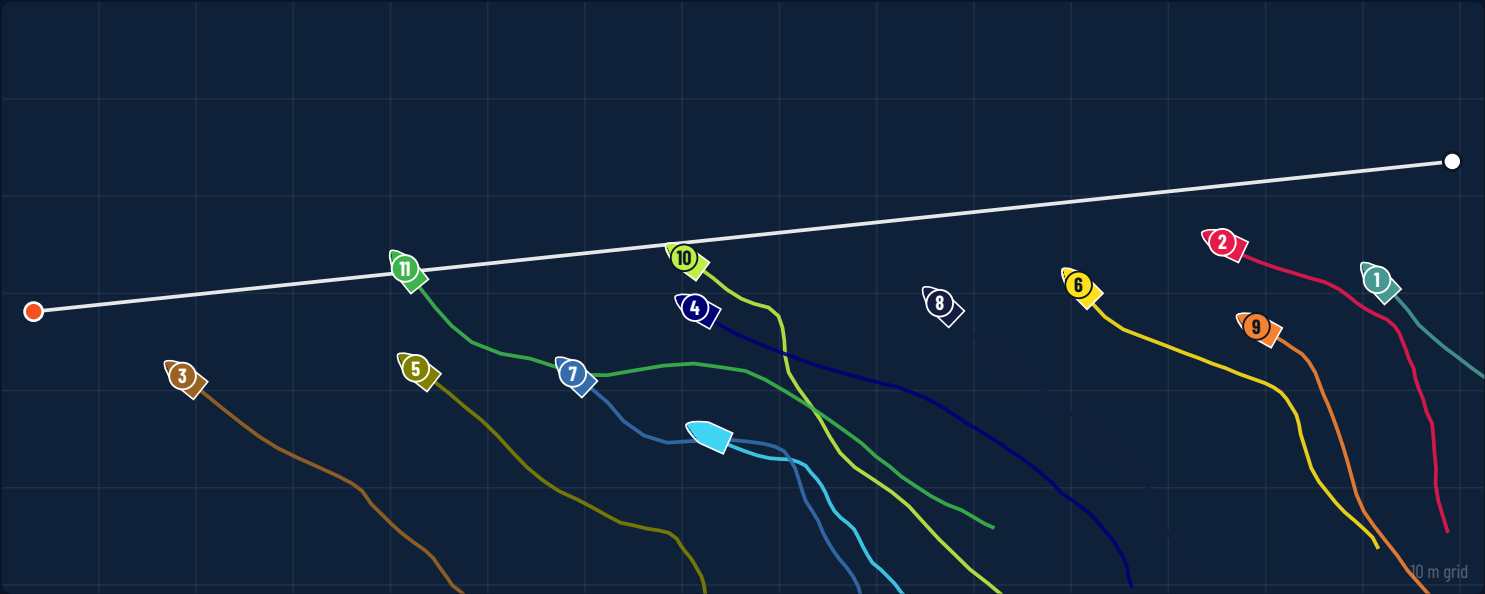
RACE 4 – FULL RACE SUMMARY

RANK	BOAT	DISTANCE	TIME	UPWIND SOG	UPWIND VMG	DOWNWIND SOG	DOWNWIND VMG	MAN.
1.	 USA 1504	7107.3m	00:41:19	5.1kts	3.9kts	6.4kts	6.0kts	31
2.	 USA 1060	-117.1m	+00:00:06	5.0kts	3.9kts	6.3kts	6.1kts	34
3.	 USA 1111	+91.3m	+00:00:24	5.3kts	3.9kts	6.3kts	5.9kts	36
4.	 BER 1428	+100.8m	+00:00:32	5.2kts	3.9kts	6.3kts	6.0kts	21
5.	 USA 1398	+64.0m	+00:01:19	5.0kts	3.8kts	6.3kts	6.0kts	23
6.	 USA 1397	+136.0m	+00:01:56	5.1kts	3.8kts	6.3kts	5.9kts	20
7.	 USA 1221	+293.3m	+00:02:07	5.1kts	3.7kts	6.4kts	5.9kts	21
8.	 USA 744	+390.1m	+00:02:20	5.2kts	3.7kts	6.3kts	5.8kts	12
9.	 USA 1045	+407.7m	+00:02:30	5.3kts	3.7kts	6.2kts	5.7kts	23
10.	 USA 1220	+442.8m	+00:02:46	5.1kts	3.7kts	6.4kts	6.0kts	18
11.	 USA 959	+425.5m	+00:02:51	5.1kts	3.6kts	6.3kts	5.9kts	11

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).



RACE 4 – START REPORT



10 m grid — map scale reference

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

FAVORED END
Boat (15.4m)

LINE LENGTH
146.6m

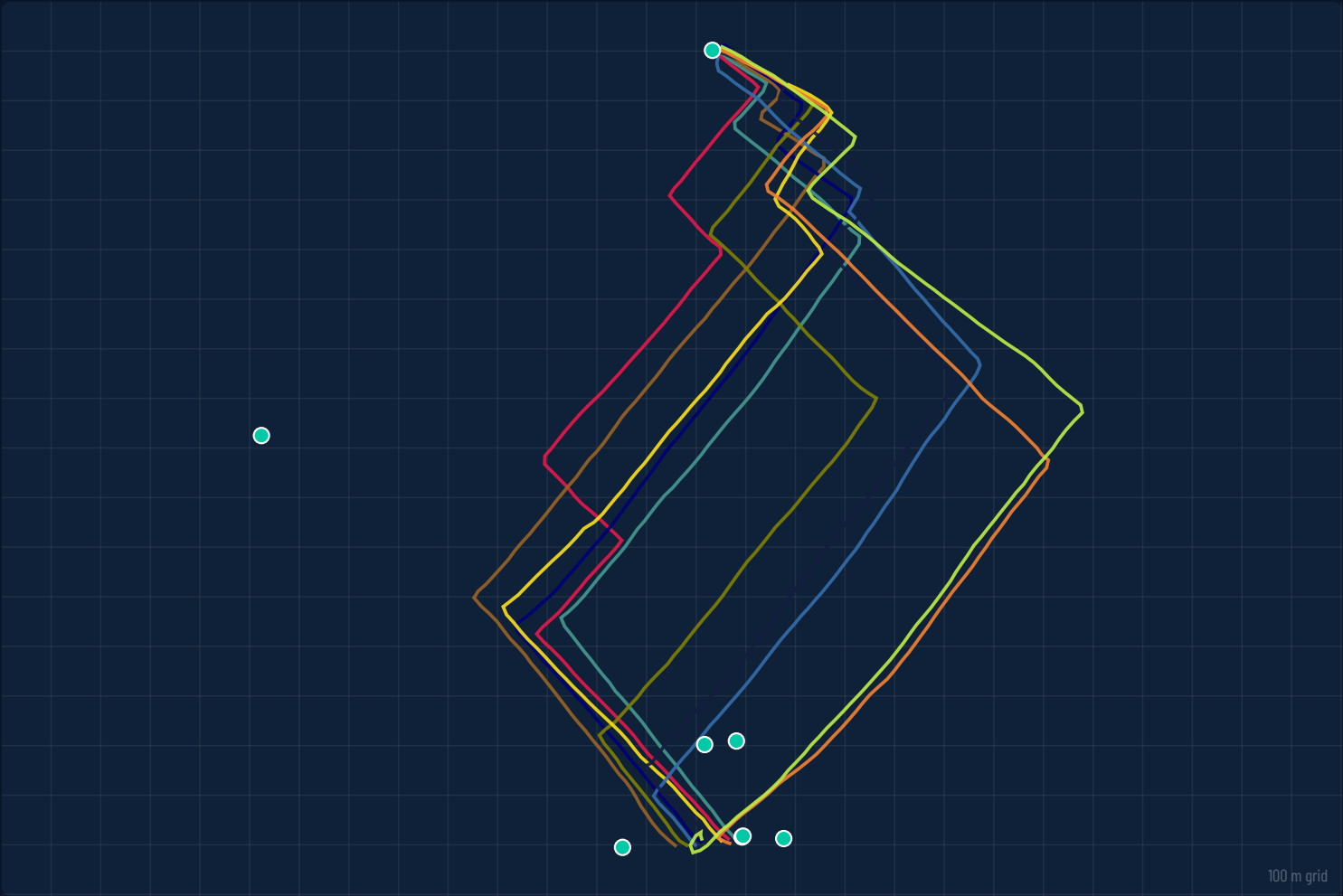
WIND
102.0°

COMM TO M1
99.7°

LEG 1 RANK	BOAT	DIST TO LINE	SOG AT GO	START DELAY	POSITION ON LINE	TACK AT GO
1.	USA 1060	14.9m	4.4kts	6.3s		starboard
2.	USA 1111	7.7m	4.2kts	3.5s		starboard
3.	USA 1398	10.9m	5.1kts	4.5s		starboard
4.	USA 1504	8.9m	4.8kts	4.8s		starboard
5.	BER 1428	13.2m	4.4kts	6.8s		starboard
6.	USA 1045	11.4m	4.1kts	4.5s		starboard
7.	USA 1397	16.1m	4.7kts	6.5s		starboard
8.	USA 1221	11.9m	4.4kts	5.0s		starboard
9.	USA 744	19.5m	2.1kts	16.3s		starboard
10.	USA 1220	2.0m	3.7kts	1.5s		starboard
11.	USA 959	-0.5m	5.1kts	73.0s		starboard



RACE 4 – LEG 1 (UPWIND)

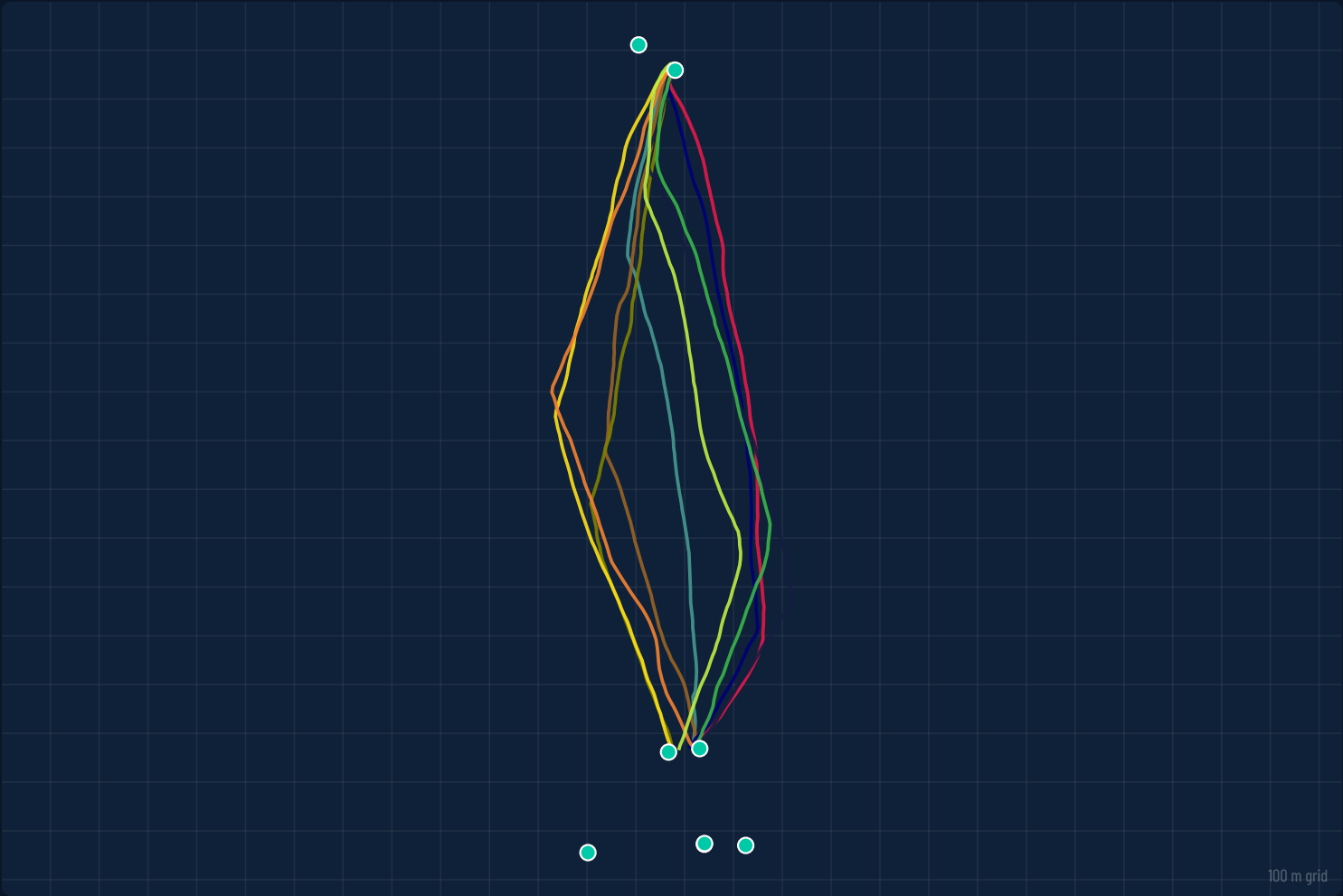


LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		USA 1060	00:13:20	2139.3m	5.3kts	40.9°	3.9kts	left	4
2.		USA 1111	+00:00:01	2171.2m	5.4kts	42.7°	4.0kts	left	6
3.		USA 1398	+00:00:07	2187.7m	5.3kts	41.3°	4.0kts	left	4
4.		USA 1504	+00:00:10	2199.1m	5.4kts	41.9°	4.0kts	left	4
5.		BER 1428	+00:00:13	2221.0m	5.4kts	42.4°	3.9kts	middle	4
6.		USA 1045	+00:00:24	2247.6m	5.4kts	44.0°	3.8kts	left	4
7.		USA 1397	+00:00:28	2113.6m	5.1kts	40.6°	3.9kts	right	6
8.		USA 1221	+00:00:45	2247.6m	5.3kts	44.1°	3.8kts	right	6
9.		USA 744	+00:01:06	2314.5m	5.3kts	45.0°	3.7kts	right	4
10.		USA 1220	+00:01:42	2482.6m	5.5kts	47.7°	3.7kts	right	6
11.		USA 959	+00:01:44	2449.6m	5.3kts	49.2°	3.5kts	right	4

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).



RACE 4 – LEG 2 (DOWNWIND)

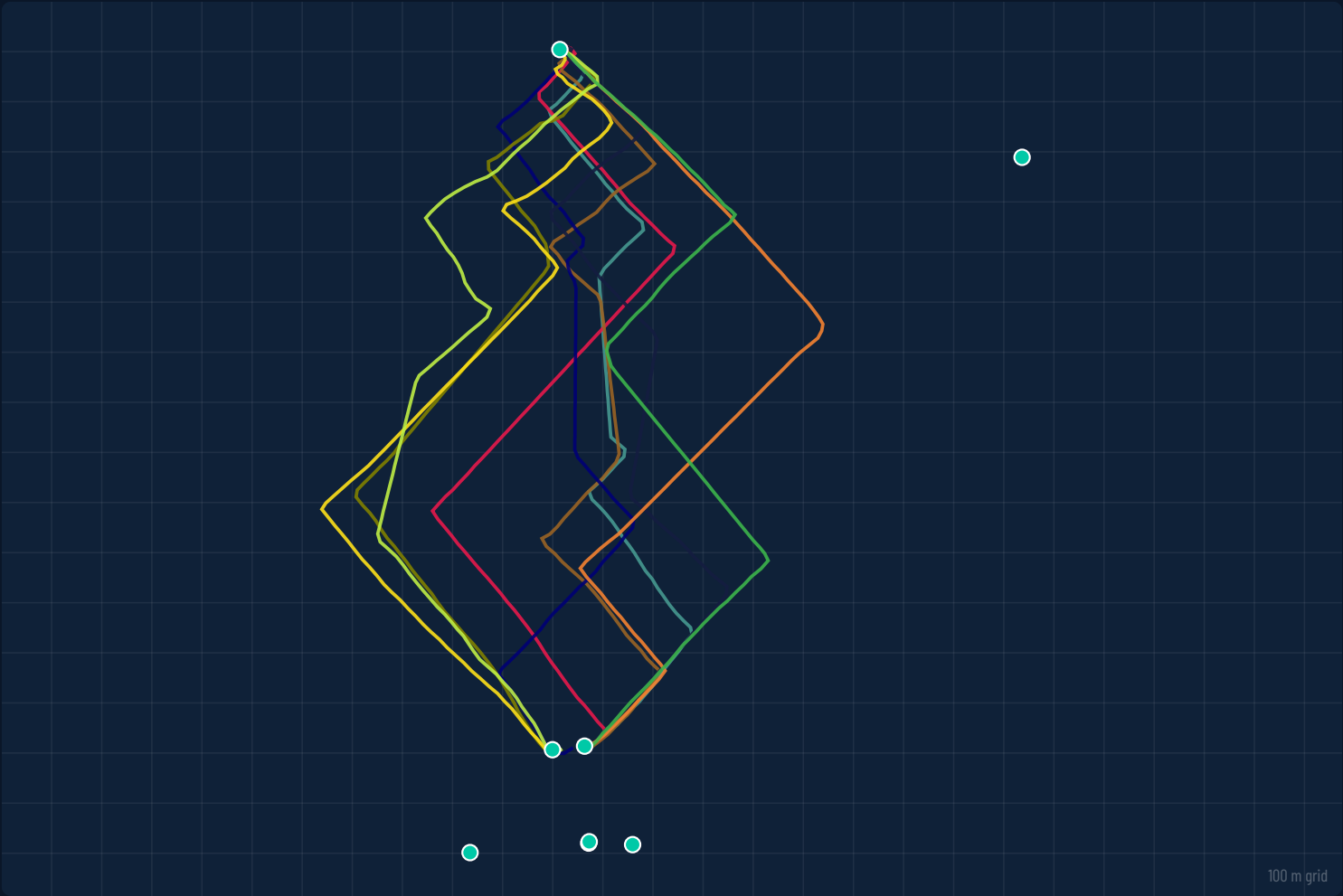


LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		USA 1045	00:07:22	1498.4m	6.6kts	160.6°	6.1kts	left	1
2.		USA 1060	+00:00:01	1435.7m	6.3kts	168.7°	6.1kts	left	12
3.		BER 1428	+00:00:02	1449.1m	6.4kts	166.4°	6.1kts	left	3
4.		USA 959	+00:00:02	1463.4m	6.4kts	163.2°	6.1kts	right	2
5.		USA 1398	+00:00:06	1449.1m	6.3kts	166.7°	6.1kts	left	11
6.		USA 1220	+00:00:07	1480.7m	6.4kts	164.3°	6.0kts	middle	6
7.		USA 1504	+00:00:11	1457.8m	6.3kts	166.1°	5.9kts	right	14
8.		USA 744	+00:00:17	1510.9m	6.4kts	158.6°	5.9kts	left	1
9.		USA 1111	+00:00:18	1463.3m	6.2kts	165.1°	5.9kts	right	18
10.		USA 1221	+00:00:18	1518.5m	6.4kts	158.2°	5.9kts	right	2
11.		USA 1397	+00:00:20	1457.3m	6.1kts	163.5°	5.8kts	right	4

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).



RACE 4 – LEG 3 (UPWIND)

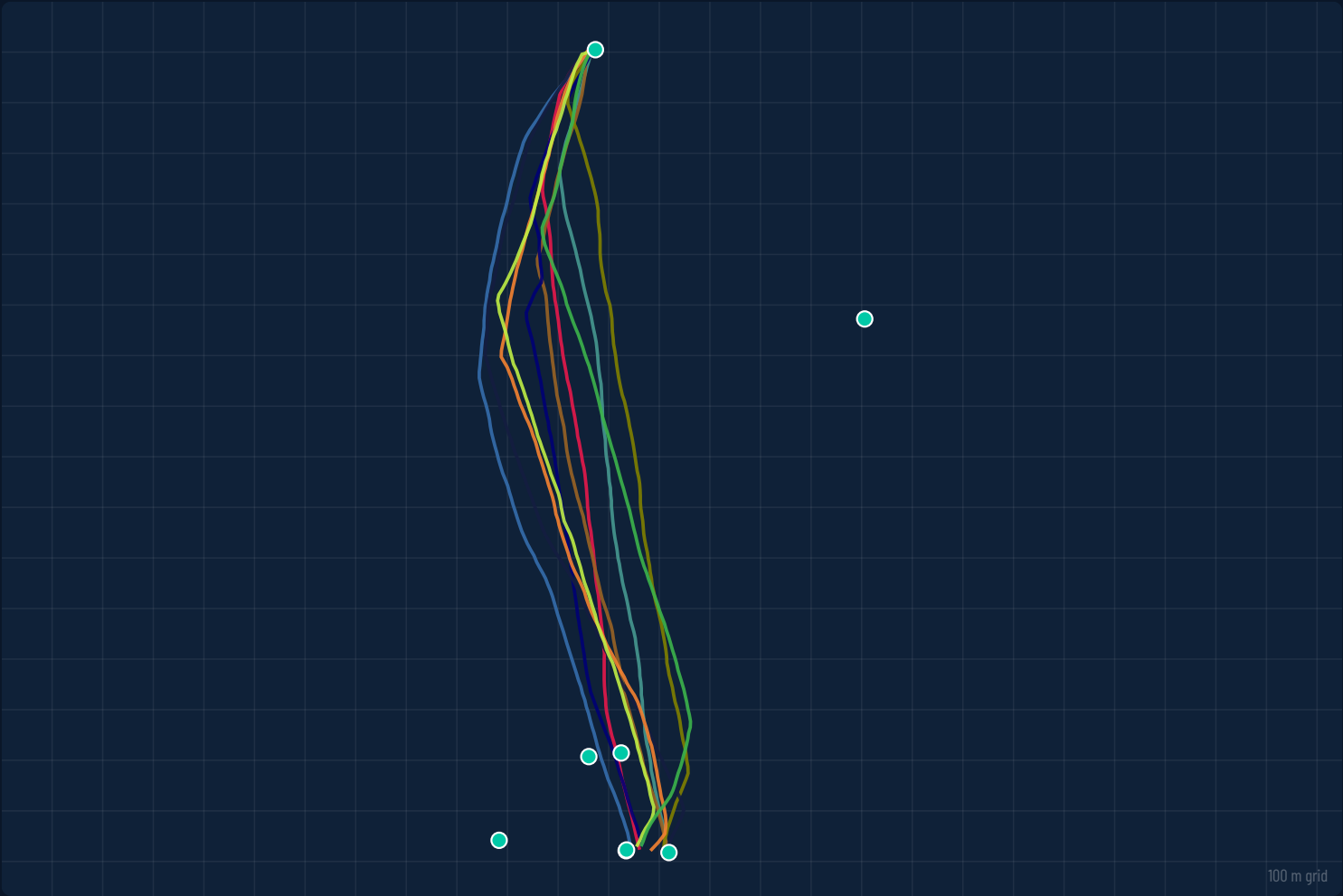


LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		USA 1504	00:12:09	1787.1m	4.9kts	30.6°	3.9kts	right	8
2.		USA 1111	+00:00:08	1916.3m	5.2kts	41.7°	3.9kts	left	5
3.		USA 1060	+00:00:09	1783.2m	4.7kts	31.3°	3.8kts	middle	7
4.		BER 1428	+00:00:10	1888.3m	5.0kts	40.2°	3.8kts	left	4
5.		USA 744	+00:00:36	1964.7m	5.1kts	44.4°	3.6kts	right	3
6.		USA 959	+00:00:42	1944.1m	5.0kts	43.2°	3.7kts	right	3
7.		USA 1221	+00:00:46	1884.8m	4.9kts	36.4°	3.6kts	right	7
8.		USA 1220	+00:00:50	1892.4m	4.8kts	37.0°	3.6kts	left	4
9.		USA 1045	+00:00:59	2030.8m	5.2kts	45.5°	3.6kts	left	7
10.		USA 1397	+00:01:00	1969.1m	5.0kts	43.8°	3.6kts	middle	7
11.		USA 1398	+00:01:04	1886.8m	4.7kts	35.7°	3.6kts	middle	7

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).



RACE 4 – LEG 4 (DOWNWIND)



LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		USA 1504	00:08:07	1654.7m	6.6kts	164.8°	6.2kts	left	5
2.		USA 1060	+00:00:17	1624.2m	6.3kts	169.3°	6.1kts	middle	11
3.		USA 1111	+00:00:18	1640.4m	6.3kts	168.7°	6.0kts	middle	7
4.		USA 1398	+00:00:23	1640.2m	6.3kts	166.6°	6.0kts	left	1
5.		BER 1428	+00:00:28	1641.7m	6.2kts	167.1°	6.0kts	right	10
6.		USA 1220	+00:00:28	1686.3m	6.4kts	160.4°	5.9kts	left	2
7.		USA 1397	+00:00:29	1697.2m	6.4kts	161.1°	5.9kts	left	3
8.		USA 1221	+00:00:39	1741.5m	6.4kts	157.7°	5.9kts	left	6
9.		USA 744	+00:00:42	1699.0m	6.2kts	161.0°	5.7kts	left	4
10.		USA 959	+00:00:44	1667.2m	6.1kts	162.7°	5.7kts	left	2
11.		USA 1045	+00:01:28	1731.5m	5.9kts	157.2°	5.2kts	right	11

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).



05

RACE FIVE

• START 11:20:01

FLO'S RACE INSIGHTS

Start Positioning: USA 1060 hit the line near the middle, cleanly (39%), and stayed clear—no early penalties—setting up a smooth first upwind.

First-Leg Lead: 1060 won the opening upwind and never looked back; in this race the boat fastest off the first mark kept its edge, unlike past races where mid-race shifts decided things.

Course Side: Unlike previous races where winners switched, 1060 stuck left on every leg—and on this day the left paid off for the whole fleet.

Speed Consistency: With solid VMG upwind, low tack count and steady boat speed on the reaches and runs, 1060 held its lead while nearby boats saw more speed swings.

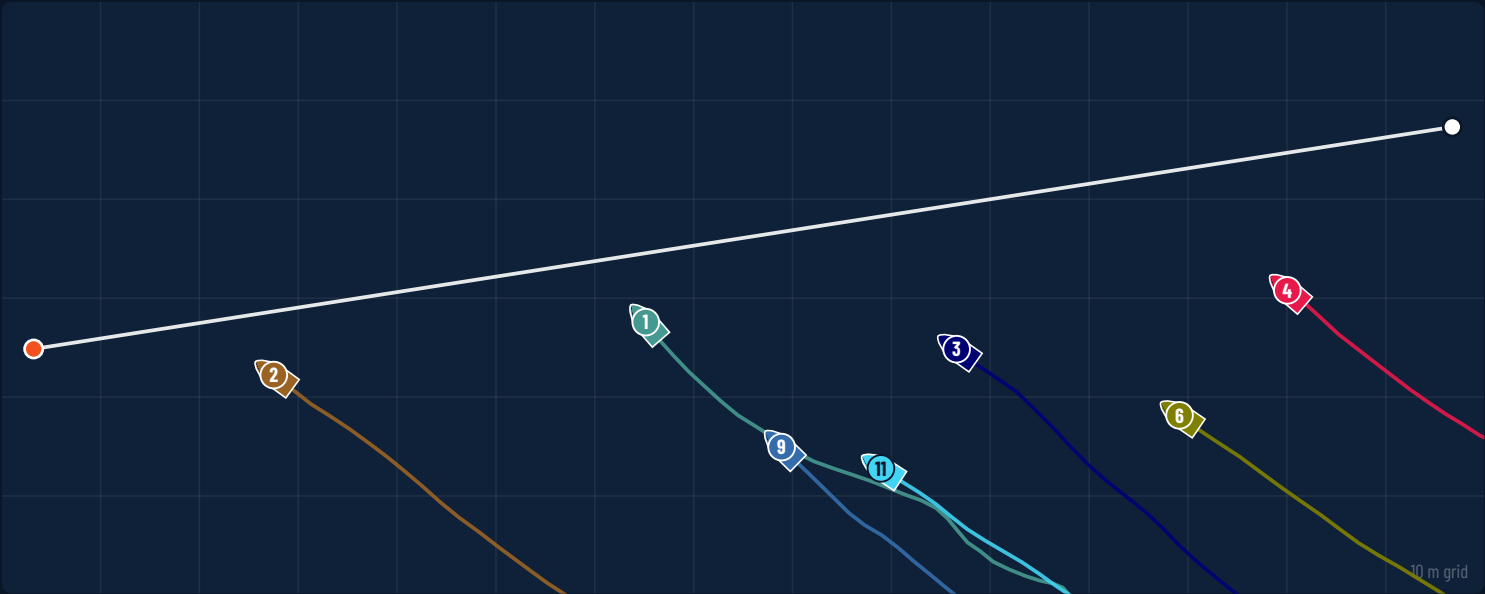
RACE 5 – FULL RACE SUMMARY

RANK	BOAT	DISTANCE	TIME	UPWIND SOG	UPWIND VMG	DOWNWIND SOG	DOWNWIND VMG	MAN.
1.	 USA 1060	7731.3m	00:49:53	4.8kts	3.2kts	5.5kts	4.9kts	10
2.	 USA 1504	+327.4m	+00:00:21	4.9kts	3.1kts	5.8kts	5.1kts	17
3.	 USA 1398	+133.9m	+00:00:37	4.8kts	3.1kts	5.6kts	4.9kts	13
4.	 USA 1111	+62.7m	+00:00:49	4.7kts	3.1kts	5.6kts	5.0kts	15
5.	 BER 1428	+118.7m	+00:02:42	4.5kts	3.0kts	5.6kts	4.8kts	14
6.	 USA 1045	+443.3m	+00:03:53	4.7kts	3.0kts	5.4kts	4.9kts	11
7.	 USA 1397	+130.1m	+00:03:53	4.4kts	2.9kts	5.4kts	5.0kts	19
8.	 USA 1221	+8.9m	+00:04:32	4.2kts	2.8kts	5.3kts	4.9kts	31
9.	 USA 744	+134.2m	+00:04:46	4.4kts	2.9kts	5.3kts	4.8kts	14
10.	 USA 959	+185.2m	+00:05:12	4.3kts	2.7kts	5.5kts	5.0kts	13
11.	 USA 1105	+251.0m	+00:05:23	4.3kts	2.7kts	5.5kts	4.9kts	14
12.	 USA 1220	+346.9m	+00:05:51	4.3kts	2.7kts	5.5kts	5.0kts	18

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).



RACE 5 – START REPORT



10 m grid — map scale reference



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

FAVORED END

Boat (22.4m)

LINE LENGTH

145.1m

WIND

118.0°

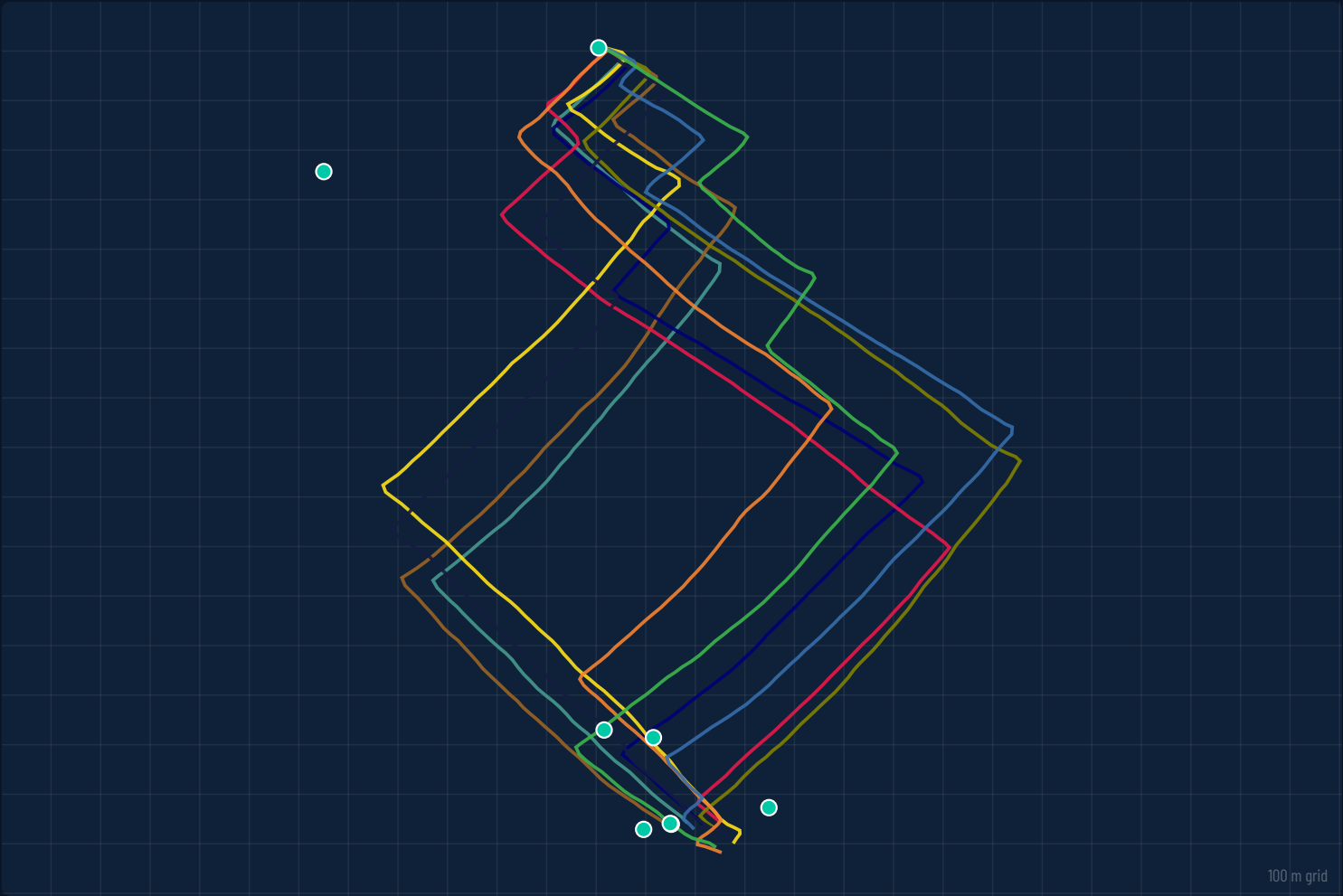
COMM TO M1

108.4°

LEG 1 RANK	BOAT	DIST TO LINE	SOG AT GO	START DELAY	POSITION ON LINE	TACK AT GO
1.	USA 1060	8.8m	4.4kts	3.8s		starboard
2.	USA 1398	8.1m	4.6kts	3.8s		starboard
3.	USA 1504	18.5m	4.8kts	8.0s		starboard
4.	USA 1111	17.6m	4.9kts	8.0s		starboard
5.	USA 1045	80.4m	2.6kts	53.0s		port
6.	BER 1428	31.4m	4.8kts	14.5s		starboard
7.	USA 1221	65.2m	3.6kts	41.0s		starboard
8.	USA 744	97.8m	4.1kts	82.0s		starboard
9.	USA 1397	27.5m	3.7kts	14.8s		starboard
10.	USA 959	82.4m	4.0kts	50.0s		starboard
11.	USA 1105	32.2m	4.4kts	23.3s		starboard
12.	USA 1220	40.8m	2.5kts	49.0s		starboard



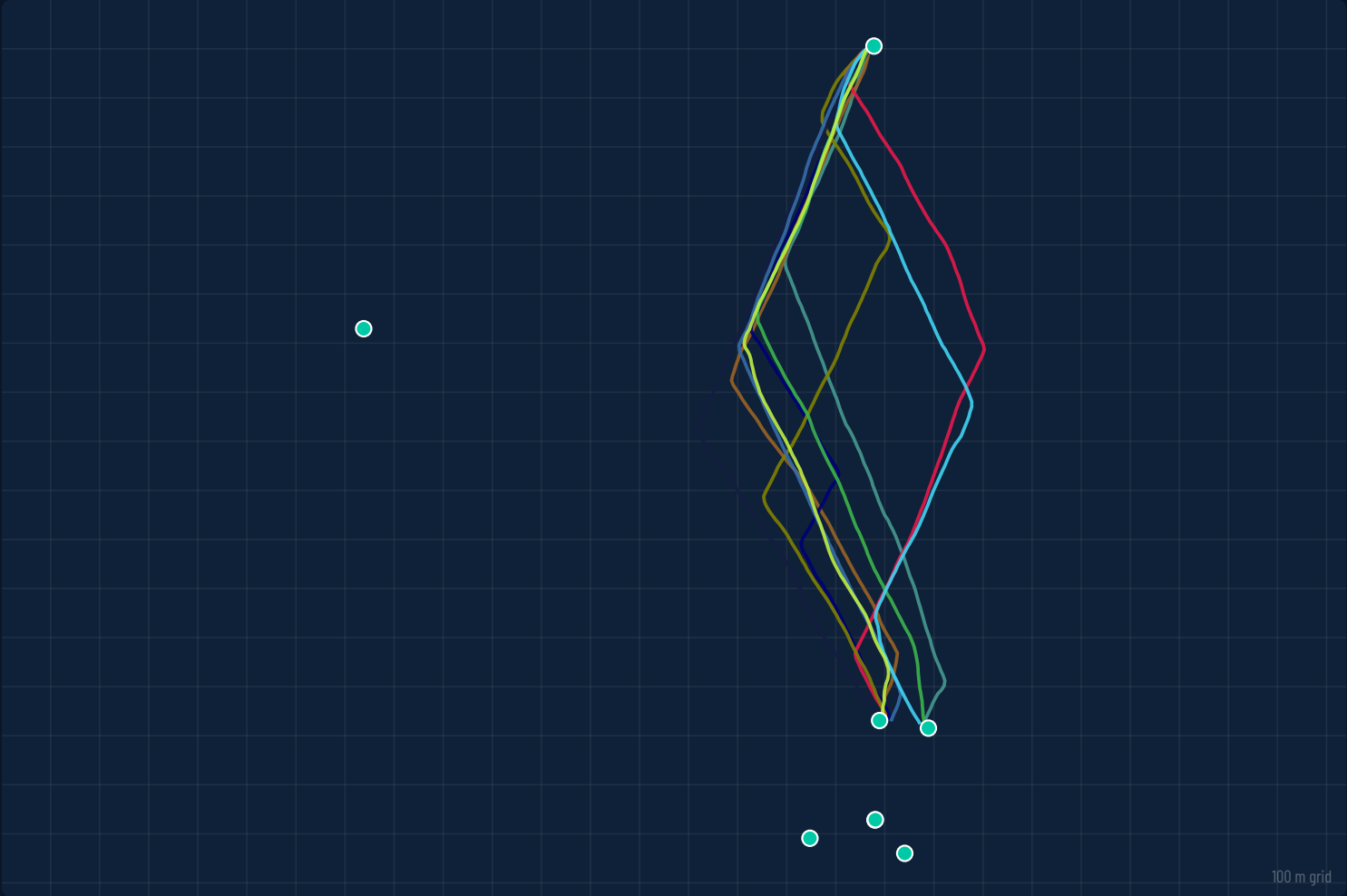
RACE 5 – LEG 1 (UPWIND)



LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		USA 1060	00:15:09	2275.5m	4.9kts	46.0°	3.4kts	left	4
2.		USA 1398	+00:00:33	2320.2m	4.8kts	47.3°	3.3kts	left	4
3.		USA 1504	+00:01:18	2548.4m	5.1kts	51.8°	3.2kts	right	6
4.		USA 1111	+00:01:39	2403.6m	4.7kts	49.8°	3.1kts	right	6
5.		USA 1045	+00:01:44	2400.2m	4.7kts	47.2°	3.2kts	left	5
6.		BER 1428	+00:01:57	2412.3m	4.6kts	48.9°	3.1kts	right	4
7.		USA 1221	+00:02:18	2365.5m	4.4kts	47.3°	3.0kts	left	4
8.		USA 744	+00:02:34	2402.5m	4.5kts	47.0°	3.1kts	left	6
9.		USA 1397	+00:02:59	2558.9m	4.7kts	52.3°	3.0kts	right	8
10.		USA 959	+00:03:11	2544.3m	4.6kts	51.0°	2.9kts	right	6
11.		USA 1105	+00:03:35	2612.7m	4.6kts	52.8°	2.8kts	right	6
12.		USA 1220	+00:03:53	2640.8m	4.6kts	52.0°	2.8kts	right	6



RACE 5 – LEG 2 (DOWNWIND)

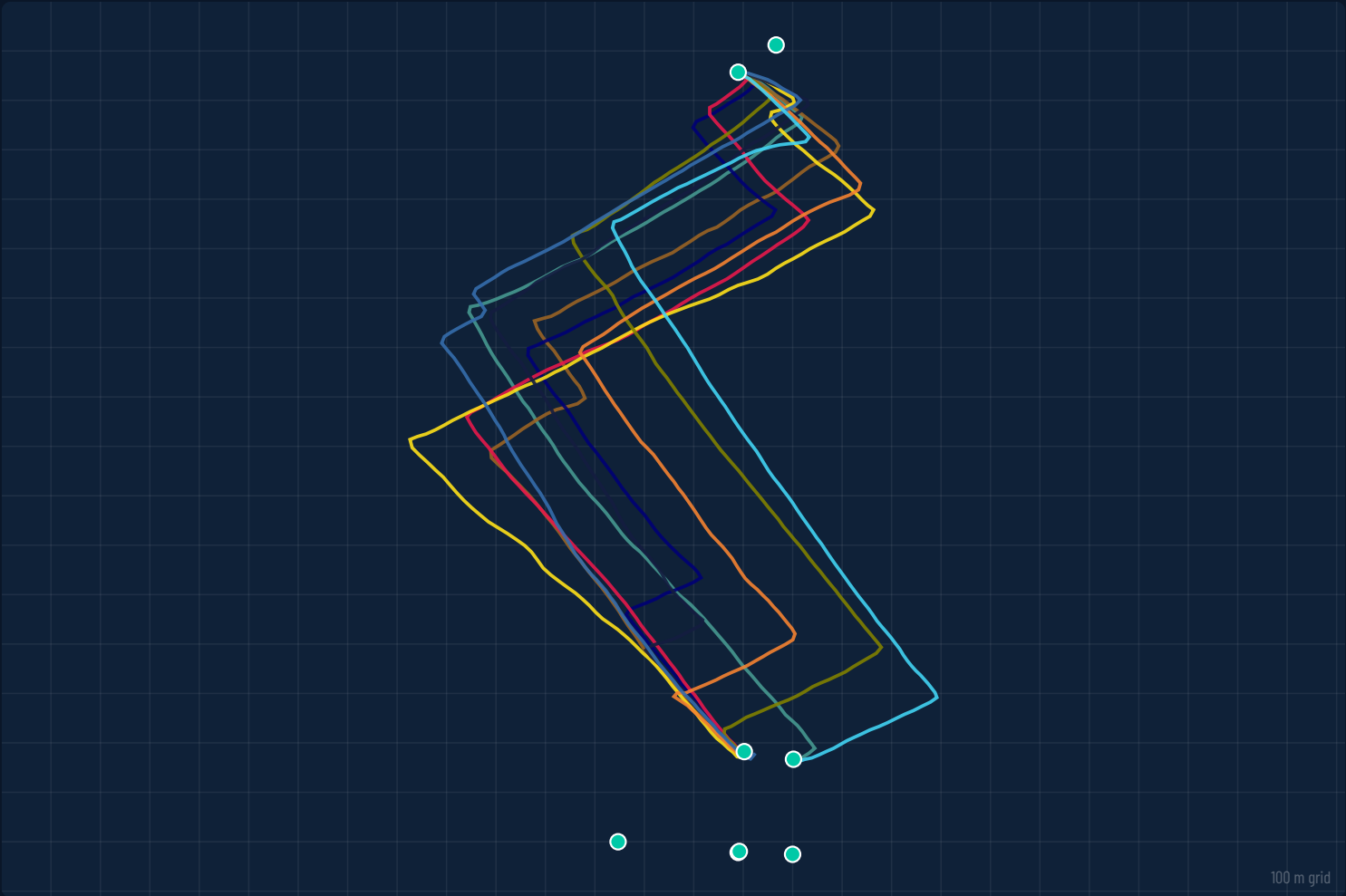


LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		USA 959	00:09:11	1520.8m	5.4kts	157.6°	4.8kts	left	1
2.		USA 1397	+00:00:02	1524.5m	5.4kts	155.4°	4.8kts	left	2
3.		USA 1504	+00:00:03	1547.0m	5.4kts	153.6°	4.8kts	left	4
4.		USA 1220	+00:00:12	1506.4m	5.2kts	157.7°	4.7kts	left	6
5.		BER 1428	+00:00:15	1583.3m	5.5kts	151.4°	4.7kts	middle	4
6.		USA 1105	+00:00:16	1544.4m	5.3kts	154.8°	4.7kts	right	3
7.		USA 1111	+00:00:23	1545.7m	5.2kts	153.6°	4.6kts	right	4
8.		USA 1221	+00:00:23	1573.6m	5.3kts	151.6°	4.7kts	left	1
9.		USA 1060	+00:00:26	1500.1m	5.1kts	158.2°	4.6kts	left	2
10.		USA 744	+00:00:27	1583.7m	5.3kts	152.1°	4.6kts	left	1
11.		USA 1398	+00:00:32	1542.2m	5.2kts	154.7°	4.6kts	left	4
12.		USA 1045	+00:00:49	1584.6m	5.1kts	151.9°	4.5kts	left	1



Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).

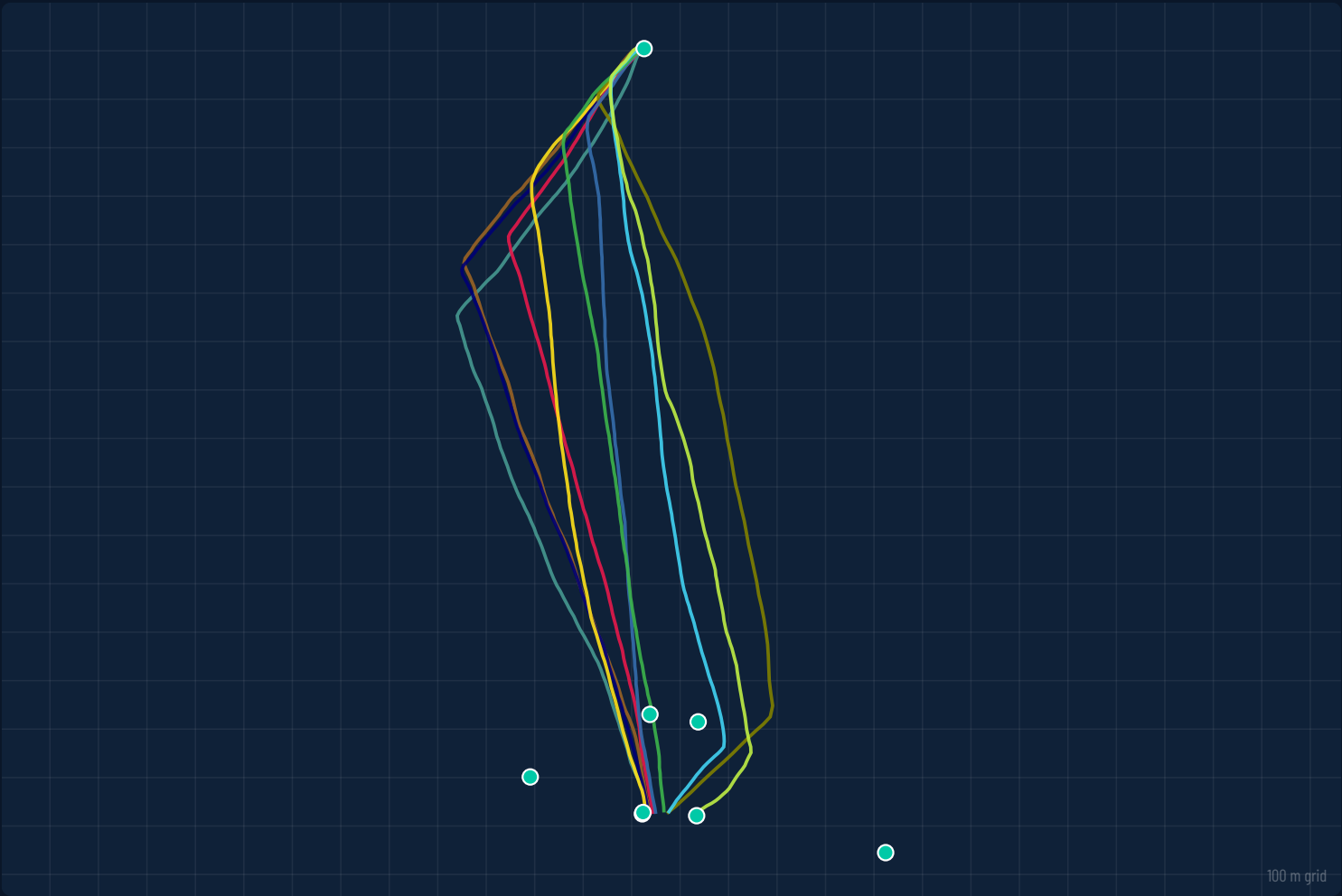
RACE 5 – LEG 3 (UPWIND)



LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		USA 1504	00:15:02	2170.0m	4.8kts	48.5°	3.1kts	left	6
2.		USA 1111	+00:00:02	2130.0m	4.7kts	48.2°	3.0kts	left	4
3.		USA 1398	+00:00:20	2206.6m	4.7kts	49.7°	3.0kts	left	4
4.		USA 1060	+00:00:22	2164.9m	4.6kts	47.2°	3.0kts	left	3
5.		BER 1428	+00:00:52	2070.0m	4.3kts	46.6°	2.9kts	middle	4
6.		USA 1397	+00:01:47	2142.2m	4.2kts	48.0°	2.8kts	left	4
7.		USA 1045	+00:02:07	2492.7m	4.8kts	55.2°	2.7kts	left	4
8.		USA 744	+00:02:07	2216.3m	4.2kts	49.7°	2.7kts	left	4
9.		USA 1221	+00:02:19	2136.5m	4.0kts	48.2°	2.6kts	left	4
10.		USA 1105	+00:02:30	2143.5m	4.0kts	46.7°	2.6kts	left	3
11.		USA 1220	+00:02:42	2227.0m	4.1kts	50.9°	2.6kts	left	2

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).

RACE 5 – LEG 4 (DOWNWIND)



LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		 USA 1111	00:09:16	1708.7m	6.0kts	158.4°	5.5kts	left	1
2.		 USA 1504	+00:00:15	1785.7m	6.1kts	152.7°	5.3kts	left	1
3.		 USA 959	+00:00:17	1659.3m	5.6kts	165.7°	5.2kts	middle	3
4.		 USA 1105	+00:00:17	1674.6m	5.7kts	164.2°	5.2kts	right	2
5.		 USA 1220	+00:00:19	1697.2m	5.7kts	162.2°	5.3kts	right	4
6.		 USA 1397	+00:00:20	1628.2m	5.5kts	169.9°	5.3kts	right	5
7.		 USA 1060	+00:00:27	1783.1m	6.0kts	152.6°	5.2kts	left	1
8.		 USA 1398	+00:00:27	1788.9m	6.0kts	153.0°	5.2kts	left	1
9.		 USA 1045	+00:00:28	1689.3m	5.6kts	162.5°	5.2kts	left	1
10.		USA 1221	+00:00:47	1658.5m	5.3kts	166.1°	5.1kts	right	22



11.	 	BER 1428	+00:00:53	1777.2m	5.7kts	155.5°	4.9kts	right	2
12.		USA 744	+00:00:53	1656.9m	5.3kts	165.1°	5.0kts	middle	3

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).



06

RACE SIX

• START 12:48:01

FLO'S RACE INSIGHTS

First-leg leader vs. overall winner: USA 1397 won the first upwind but fell back on the middle legs. USA 1504 used strong downwind legs 2 and 4 to overtake and win, showing early leads didn't hold here.

Adapting side choices: USA 1504 sailed left on the opening legs, then switched to the middle on the final upwind. That flexibility matched the shifts and paid off.

Clean starts, no penalties: Everyone stayed behind the line at the gun—no OCS here. Top boats began near the middle of the line, launching clean into clear air.

Downwind VMG pays: Boats with the best VMG on downwinds (USA 1504) made the biggest gains. Those who lacked downwind speed or stuck rigidly to one side slipped back.

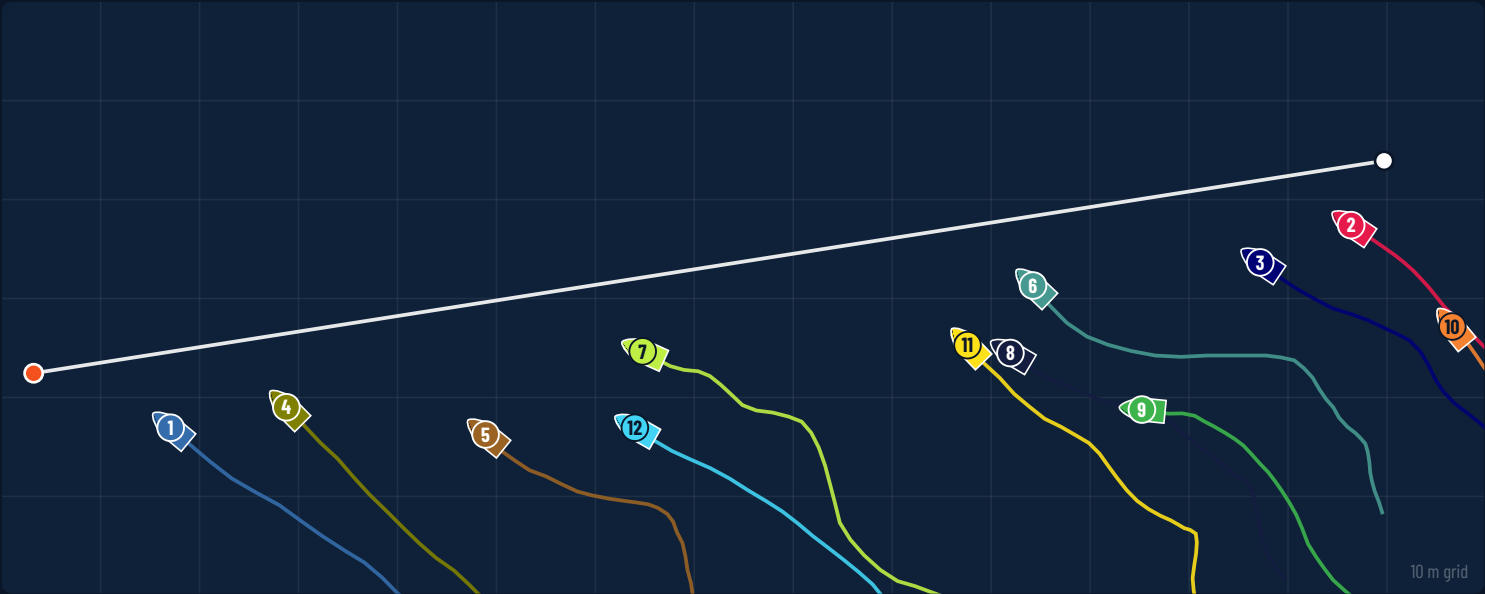
RACE 6 — FULL RACE SUMMARY

RANK	BOAT	DISTANCE	TIME	UPWIND SOG	UPWIND VMG	DOWNWIND SOG	DOWNWIND VMG	MAN.
1.	 USA 1504	5973.4m	00:35:04	5.3kts	3.8kts	6.0kts	5.5kts	22
2.	 USA 1111	-177.9m	+00:00:10	5.1kts	3.9kts	5.7kts	5.2kts	19
3.	 USA 1060	-194.0m	+00:00:53	5.0kts	3.8kts	5.6kts	5.2kts	42
4.	 BER 1428	-109.8m	+00:00:54	5.1kts	3.7kts	5.6kts	5.2kts	27
5.	 USA 1398	-166.1m	+00:01:00	5.0kts	3.7kts	5.7kts	5.2kts	16
6.	 USA 1397	-15.5m	+00:01:04	5.2kts	3.8kts	5.6kts	5.1kts	24
7.	 USA 1221	-50.4m	+00:01:16	5.0kts	3.7kts	5.8kts	5.3kts	14
8.	 USA 744	+9.1m	+00:02:35	4.9kts	3.6kts	5.6kts	5.0kts	18
9.	 USA 1220	-9.3m	+00:02:36	5.0kts	3.5kts	5.5kts	4.9kts	53
10.	 USA 959	+55.9m	+00:02:44	4.9kts	3.5kts	5.8kts	5.2kts	25
11.	 USA 1045	+181.0m	+00:02:54	5.1kts	3.5kts	5.5kts	5.0kts	31
12.	 USA 1105	+78.9m	+00:02:55	5.0kts	3.5kts	5.7kts	5.2kts	48

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).



RACE 6 – START REPORT



10 m grid — map scale reference

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

FAVORED END
Boat (21.4m)

LINE LENGTH
138.0m

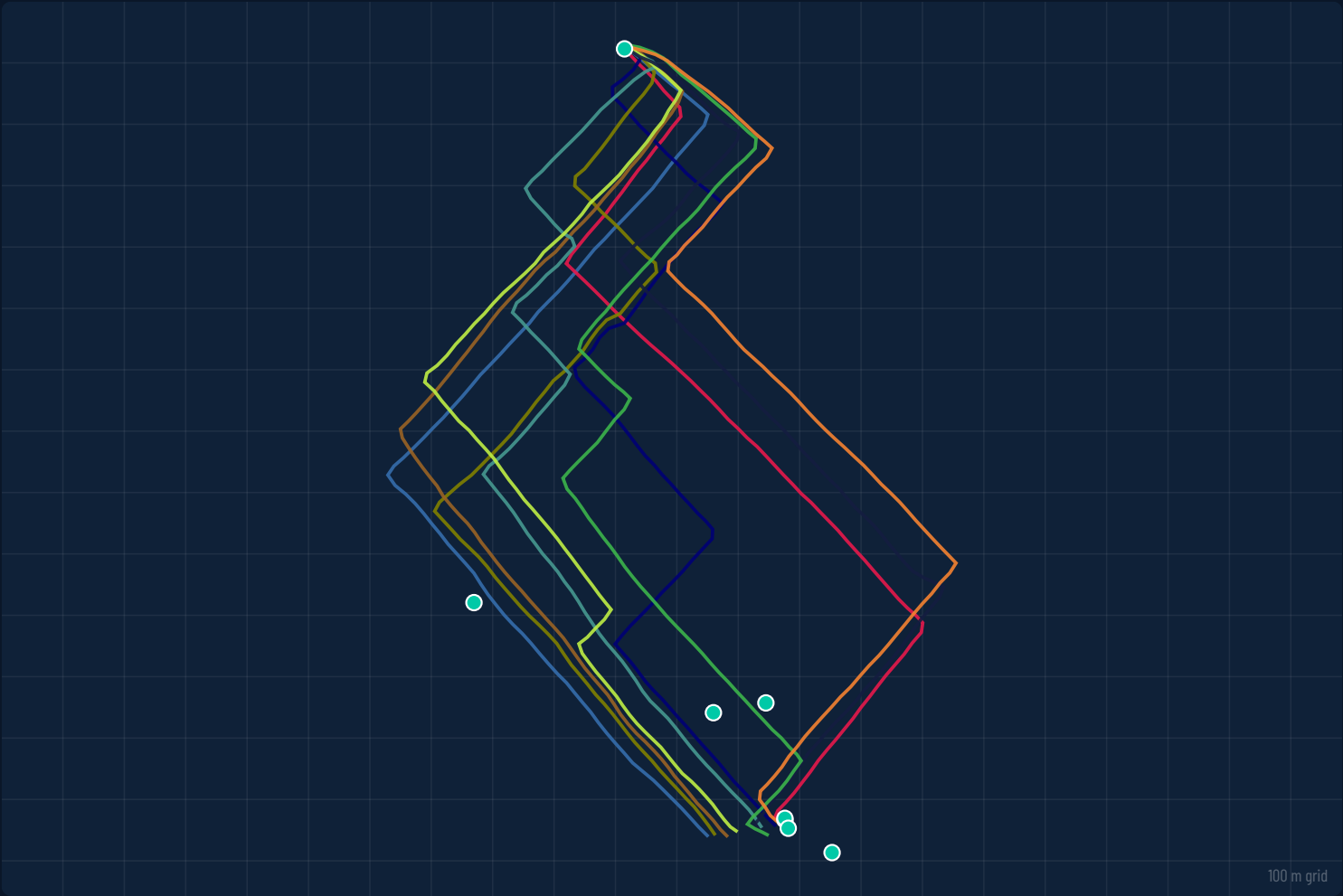
WIND
159.0°

COMM TO M1
147.4°

LEG 1 RANK	BOAT		DIST TO LINE	SOG AT GO	START DELAY	POSITION ON LINE	TACK AT GO
1.		USA 1397	8.0m	5.1kts	3.5s		starboard
2.		USA 1111	6.2m	2.8kts	4.8s		starboard
3.		USA 1504	8.7m	4.4kts	4.5s		starboard
4.		BER 1428	7.8m	4.8kts	3.5s		starboard
5.		USA 1398	14.0m	4.0kts	7.8s		starboard
6.		USA 1060	7.3m	4.9kts	3.5s		starboard
7.		USA 1220	7.8m	3.2kts	6.3s		starboard
8.		USA 1221	14.1m	4.5kts	8.0s		starboard
9.		USA 959	22.2m	2.7kts	22.5s		starboard
10.		USA 744	21.1m	2.3kts	16.8s		starboard
11.		USA 1045	12.5m	4.4kts	6.5s		starboard
12.		USA 1105	15.7m	4.5kts	10.3s		starboard



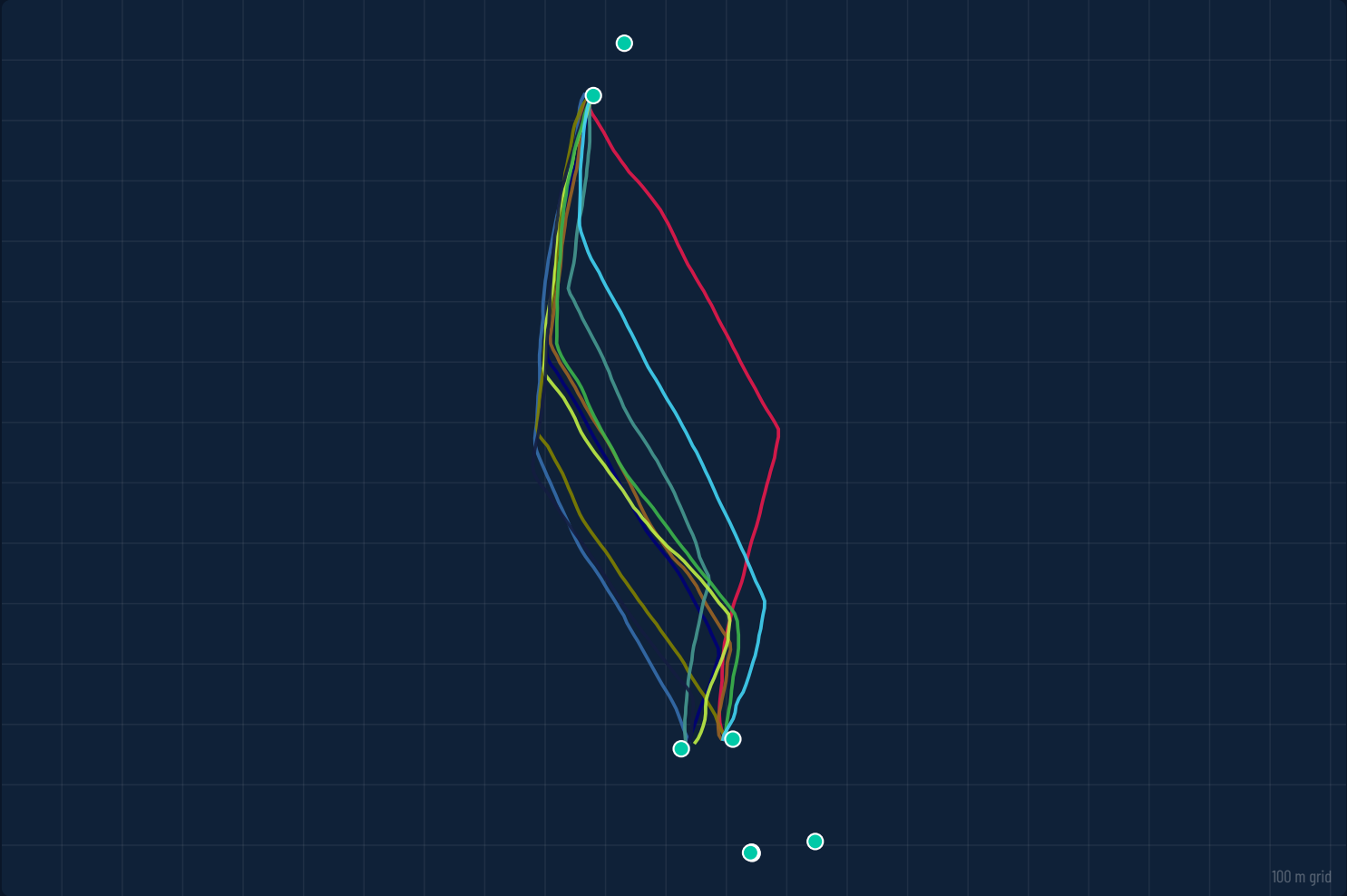
RACE 6 – LEG 1 (UPWIND)



LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		USA 1397	00:10:45	1750.1m	5.3kts	42.7°	4.0kts	left	2
2.		USA 1111	+00:00:02	1699.3m	5.2kts	42.3°	4.0kts	right	4
3.		USA 1504	+00:00:11	1740.7m	5.3kts	42.3°	4.0kts	left	6
4.		BER 1428	+00:00:18	1734.4m	5.2kts	41.8°	3.9kts	left	4
5.		USA 1398	+00:00:23	1696.6m	5.0kts	40.4°	3.8kts	left	2
6.		USA 1060	+00:00:33	1729.6m	5.1kts	41.7°	3.9kts	left	6
7.		USA 1220	+00:00:49	1720.4m	4.9kts	41.7°	3.7kts	left	4
8.		USA 1221	+00:00:55	1791.0m	5.1kts	44.0°	3.7kts	right	4
9.		USA 959	+00:01:02	1799.2m	5.1kts	43.6°	3.7kts	left	6
10.		USA 744	+00:01:11	1809.5m	5.0kts	44.7°	3.6kts	right	4
11.		USA 1045	+00:01:21	1840.5m	5.0kts	44.8°	3.6kts	left	6
12.		USA 1105	+00:01:26	1823.1m	5.1kts	44.9°	3.7kts	right	6



RACE 6 – LEG 2 (DOWNWIND)

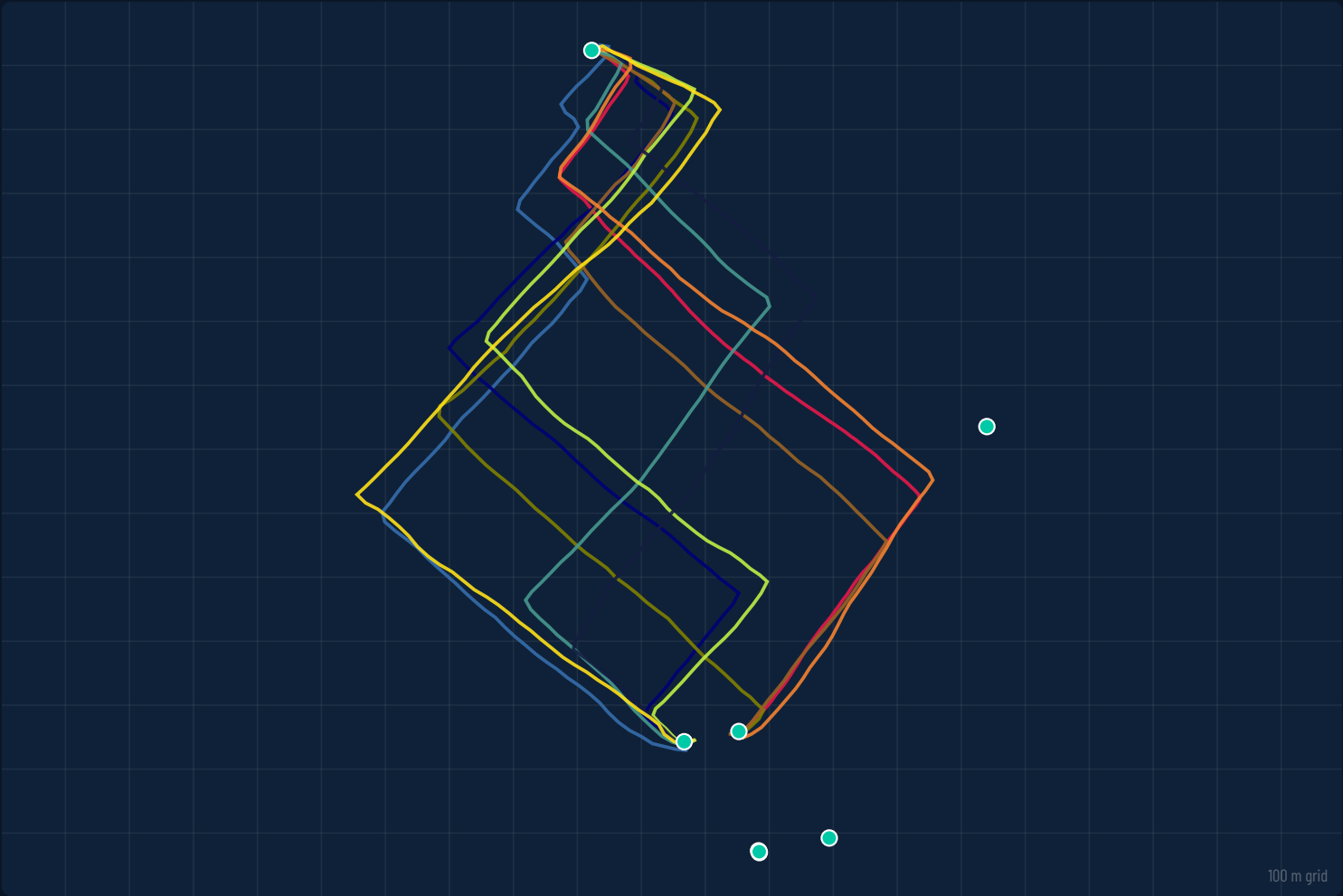


LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		USA 1504	00:06:20	1174.5m	6.0kts	159.1°	5.5kts	left	4
2.		USA 959	+00:00:03	1166.4m	5.9kts	160.6°	5.5kts	left	7
3.		BER 1428	+00:00:05	1172.9m	5.9kts	159.3°	5.5kts	left	3
4.		USA 1060	+00:00:11	1144.9m	5.7kts	163.6°	5.4kts	left	13
5.		USA 1111	+00:00:12	1171.7m	5.8kts	157.6°	5.4kts	right	5
6.		USA 1105	+00:00:12	1156.6m	5.7kts	159.6°	5.4kts	middle	8
7.		USA 1398	+00:00:17	1166.6m	5.7kts	159.5°	5.2kts	left	7
8.		USA 1221	+00:00:17	1178.8m	5.8kts	161.0°	5.3kts	left	4
9.		USA 1397	+00:00:20	1169.6m	5.7kts	160.6°	5.2kts	left	8
10.		USA 1220	+00:00:26	1202.9m	5.8kts	157.9°	5.1kts	left	12
11.		USA 744	+00:00:30	1197.8m	5.7kts	154.2°	5.2kts	right	2
12.		USA 1045	+00:00:37	1164.5m	5.4kts	161.3°	5.0kts	left	14

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).



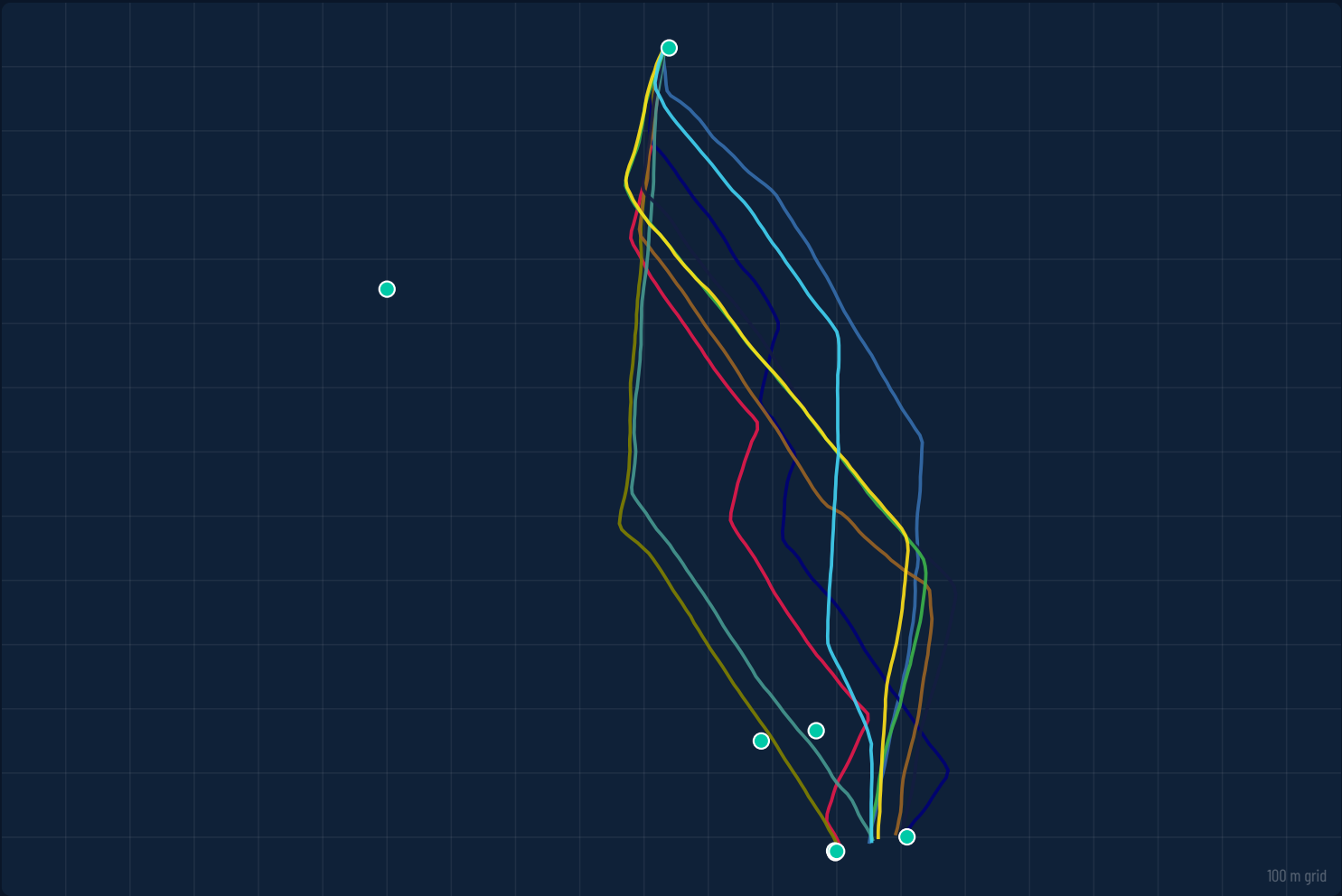
RACE 6 – LEG 3 (UPWIND)



LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		USA 1111	00:09:48	1499.5m	5.0kts	44.2°	3.7kts	right	3
2.		USA 1060	+00:00:14	1535.7m	5.0kts	44.6°	3.7kts	left	4
3.		USA 1504	+00:00:17	1622.9m	5.3kts	48.1°	3.6kts	middle	6
4.		USA 1221	+00:00:19	1530.4m	5.0kts	42.9°	3.7kts	middle	4
5.		BER 1428	+00:00:25	1582.7m	5.1kts	47.0°	3.6kts	left	3
6.		USA 1398	+00:00:25	1527.3m	4.9kts	44.8°	3.6kts	right	3
7.		USA 744	+00:00:46	1561.6m	4.9kts	45.0°	3.5kts	right	3
8.		USA 1397	+00:00:50	1642.1m	5.2kts	47.4°	3.5kts	left	6
9.		USA 1220	+00:01:00	1642.8m	5.0kts	47.9°	3.4kts	middle	4
10.		USA 1045	+00:01:00	1732.9m	5.2kts	50.1°	3.4kts	left	2
11.		USA 1105	+00:01:35	1708.8m	5.0kts	49.7°	3.3kts	left	5

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).

RACE 6 – LEG 4 (DOWNWIND)



LEG RANK		BOAT	TIME	DISTANCE	SOG	AVG TWA	MARK VMG	SIDE	MAN.
1.		USA 1504	00:07:43	1426.4m	6.0kts	152.0°	5.4kts	middle	6
2.		USA 1105	+00:00:10	1355.8m	5.6kts	162.4°	5.1kts	middle	29
3.		USA 1221	+00:00:13	1414.8m	5.8kts	154.3°	5.2kts	middle	2
4.		USA 959	+00:00:20	1425.4m	5.7kts	154.1°	4.9kts	middle	5
5.		USA 1397	+00:00:22	1388.8m	5.6kts	157.7°	4.9kts	middle	8
6.		USA 1398	+00:00:23	1409.3m	5.6kts	156.2°	5.1kts	middle	4
7.		USA 1060	+00:00:23	1362.1m	5.5kts	161.0°	4.9kts	middle	19
8.		USA 1111	+00:00:24	1418.7m	5.7kts	154.4°	5.1kts	middle	7
9.		USA 1045	+00:00:24	1408.3m	5.6kts	156.7°	5.0kts	middle	9
10.		BER 1428	+00:00:34	1365.4m	5.4kts	161.8°	5.0kts	middle	17



11.		USA 744	+00:00:36	1405.8m	5.5kts	155.2°	4.9kts	middle	9
12.		USA 1220	+00:00:49	1390.3m	5.3kts	160.5°	4.7kts	middle	33

Performance metrics (SOG, VMG, TWA): upwind uses straight-line segments (maneuvers and leg ends excluded); downwind is averaged over the full leg (non-reaching class).