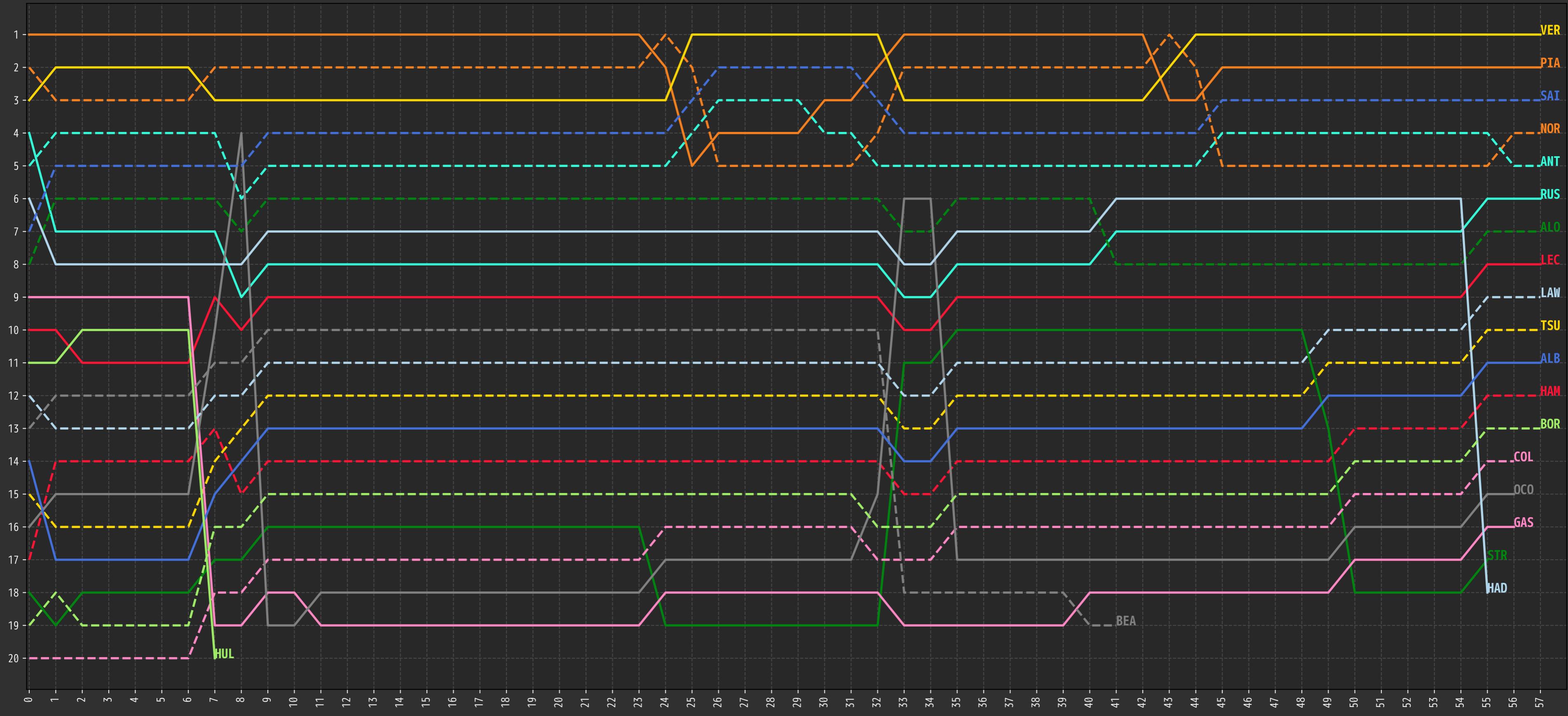


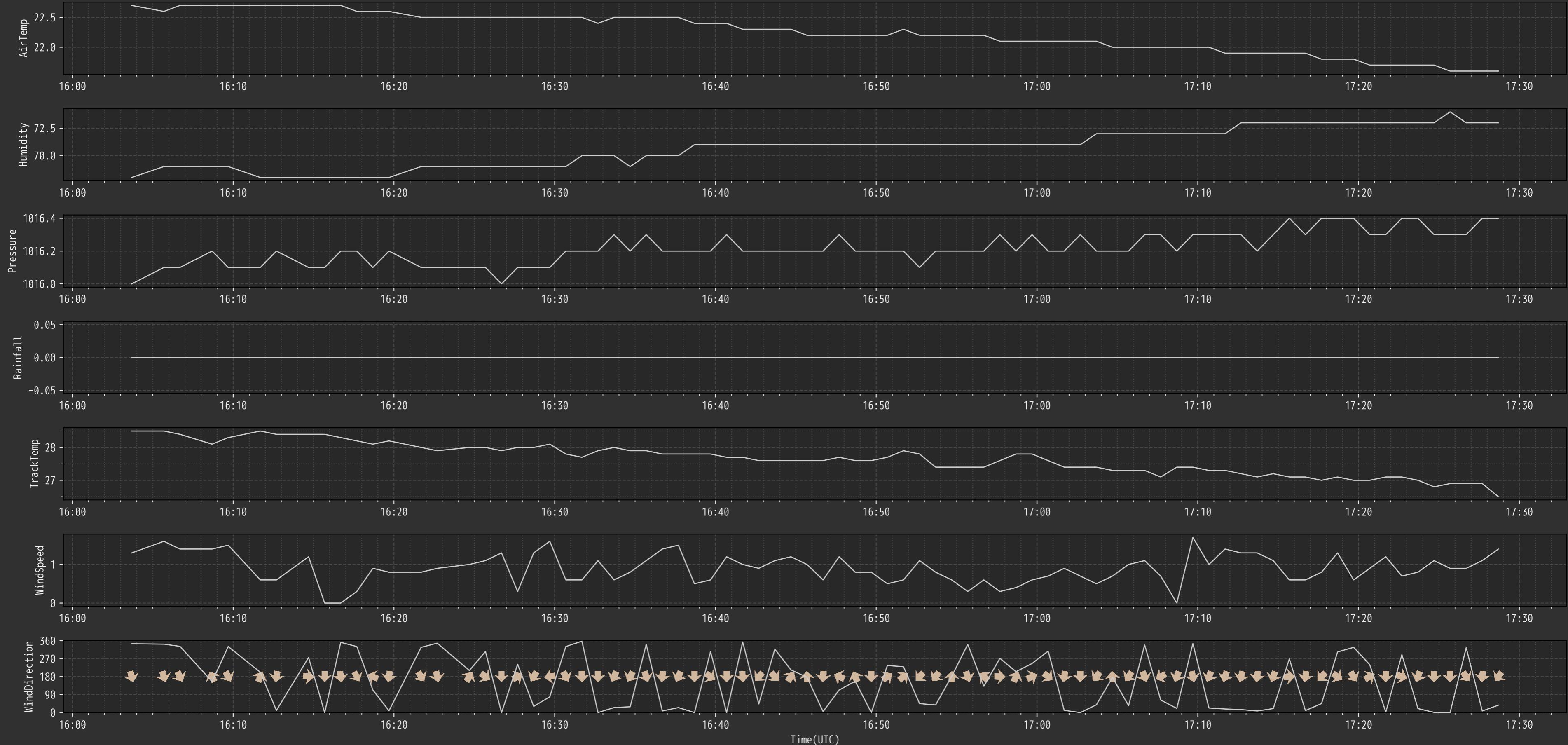
2025 Rd23 Qatar Grand Prix RaceLapchart



2025 Rd23 Qatar Grand Prix R Tyre Chart

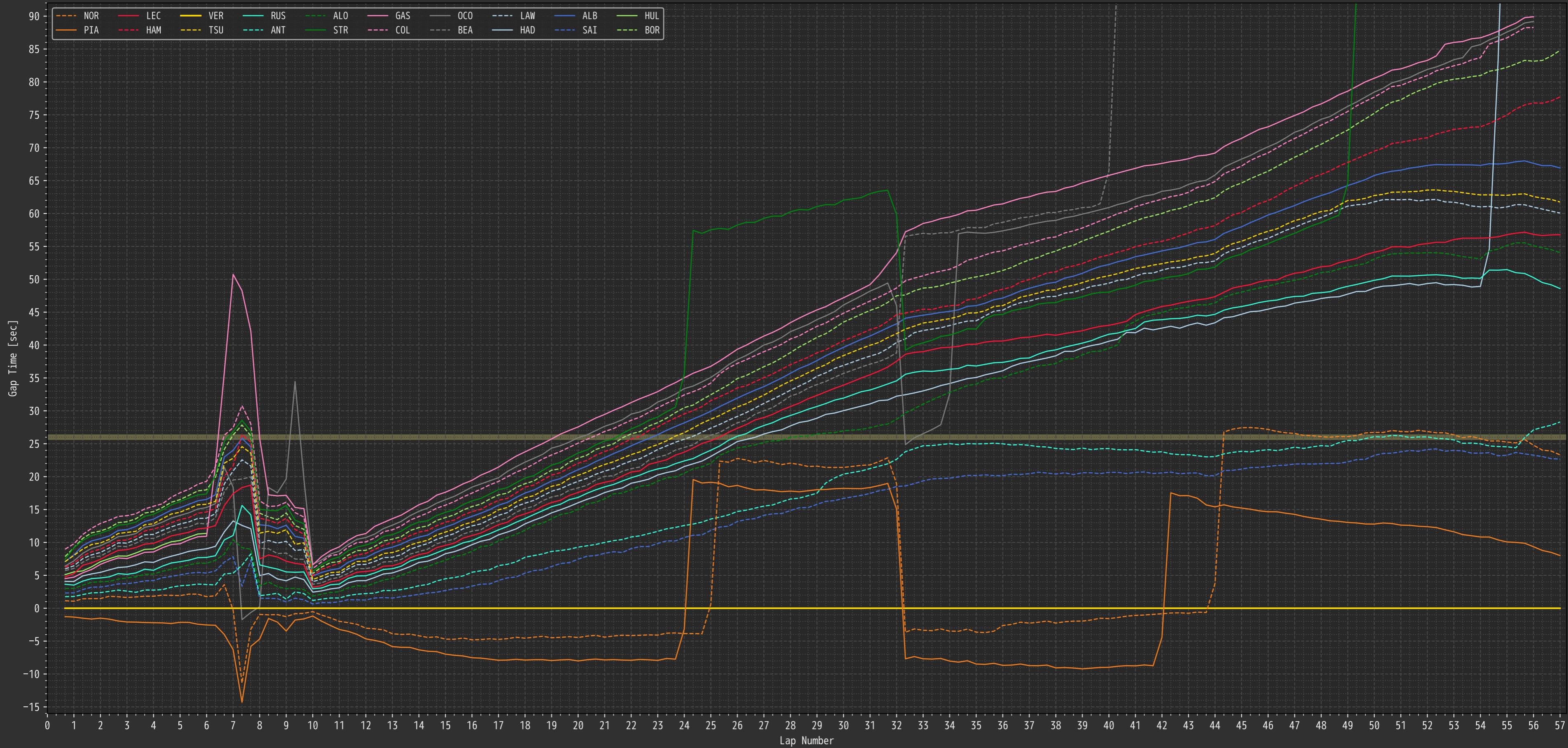


2025 Rd23 Qatar Grand Prix Race Weather Data



25 Rd23 Qatar Grand Prix Race Gap Time

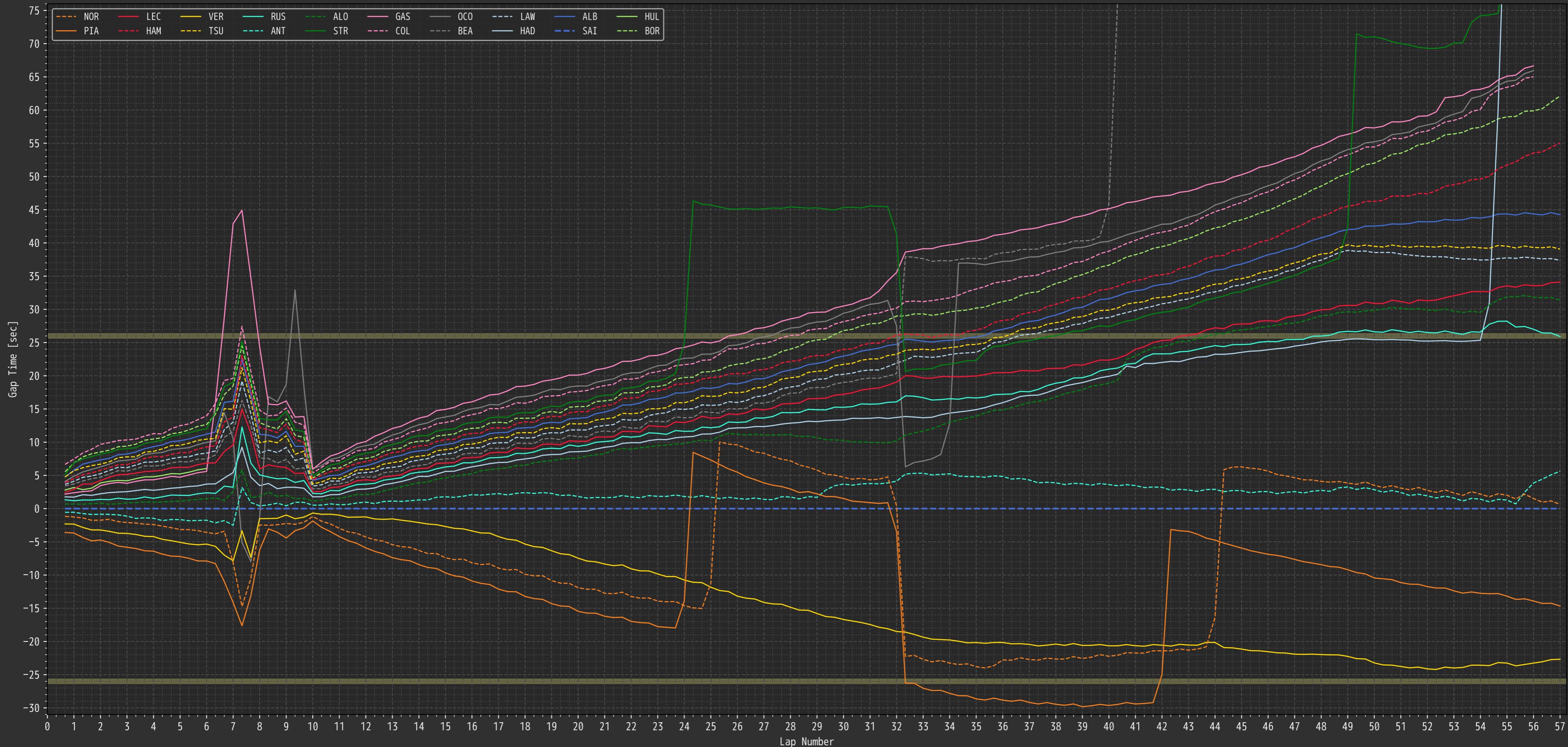
2025 Rd23 Qatar Grand Prix Race Gap Time(Ref=VER)



2025 Rd23 Qatar Grand Prix Race Gap Time(Ref=TSU)



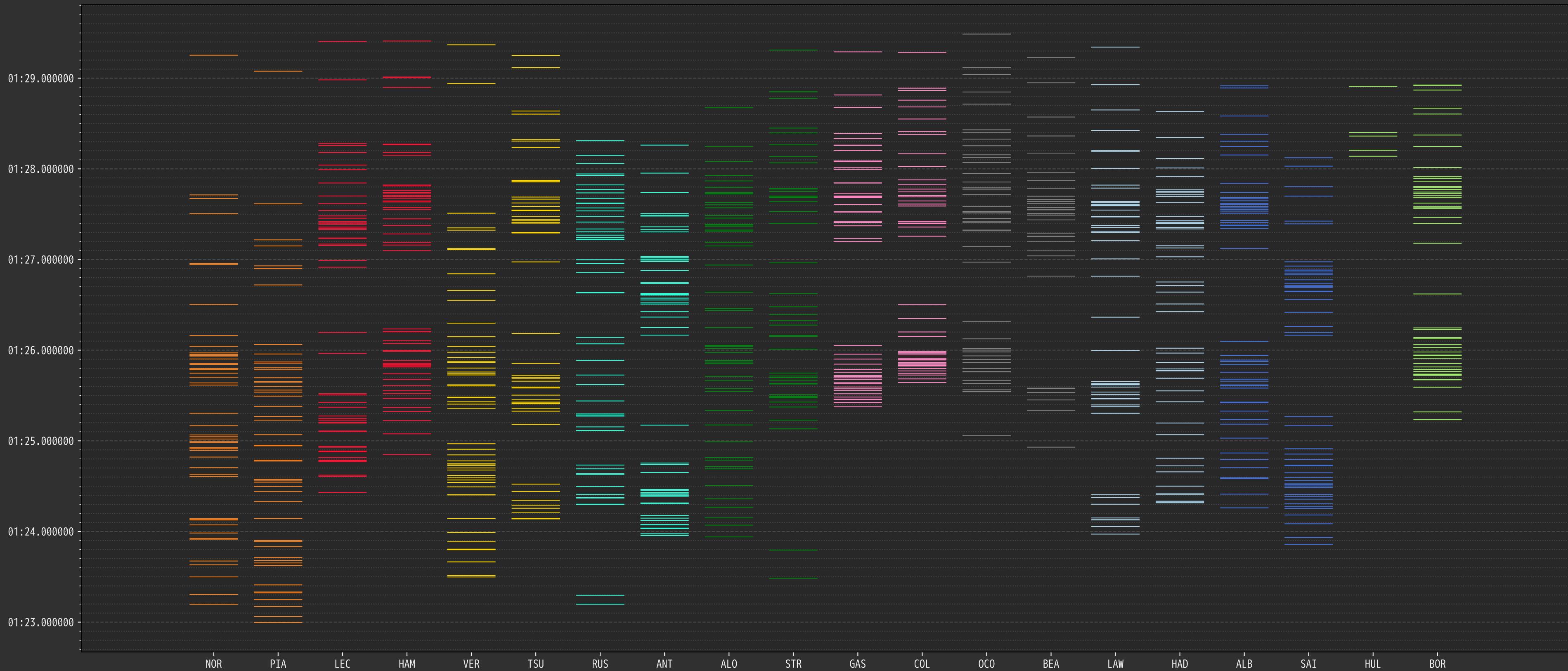
2025 Rd23 Qatar Grand Prix Race Gap Time(Ref=SAI)



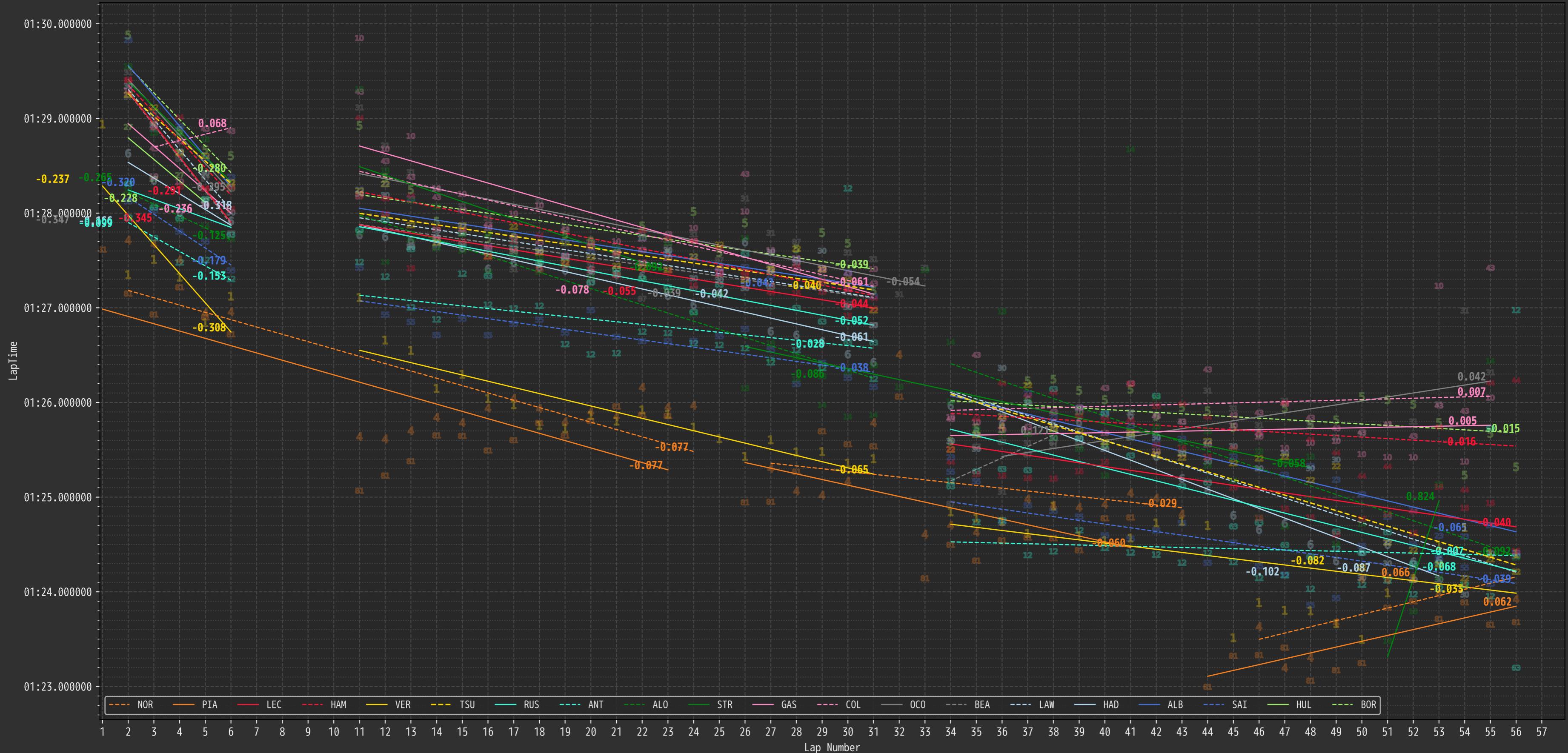
2025 Rd23 Qatar Grand Prix Race ラップタイム
(1:29.500までのタイムを抽出)



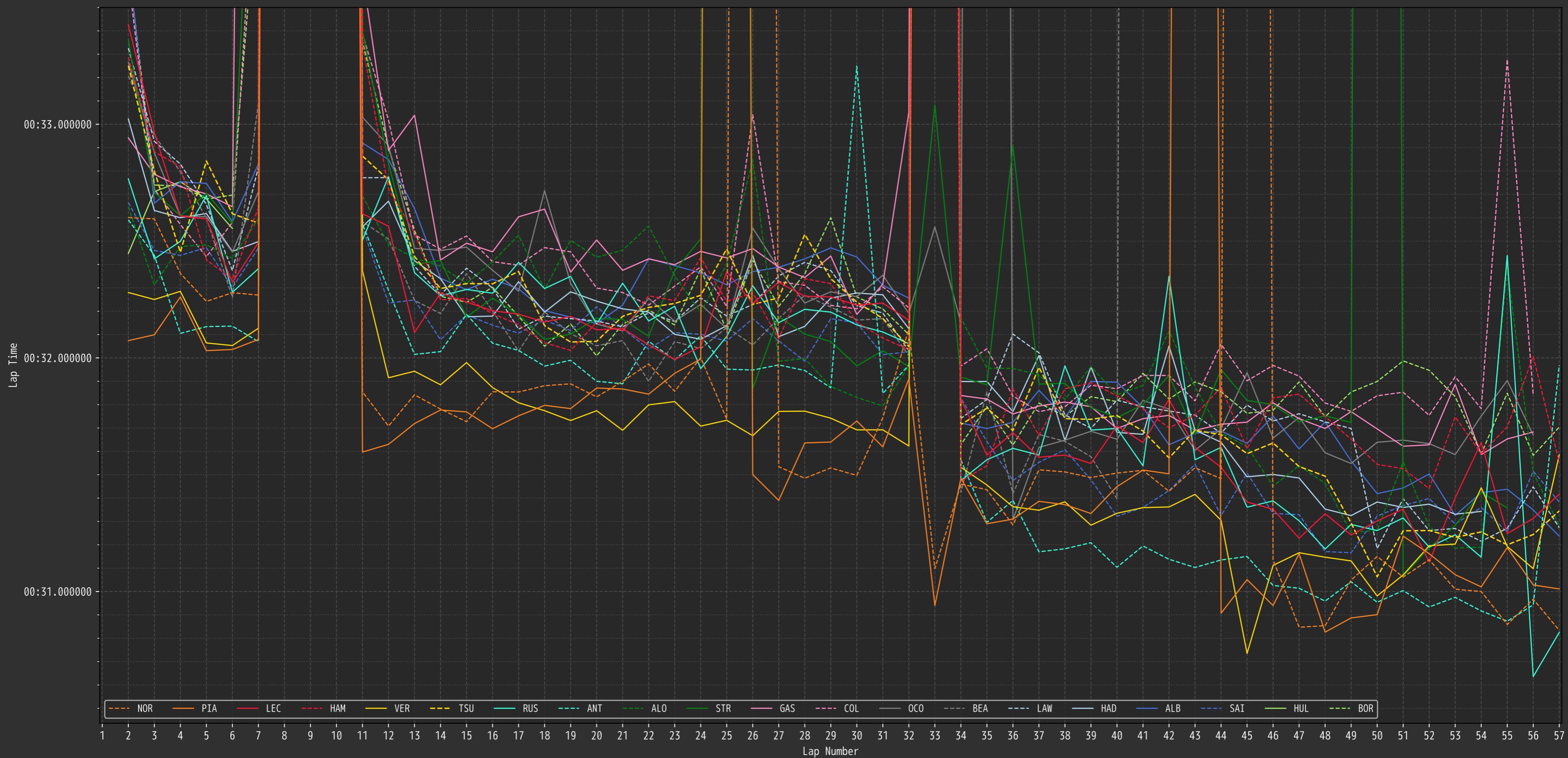
2025 Rd23 Qatar Grand Prix Race Laptime Raster Plot
(1:29.500までのタイムを抽出)



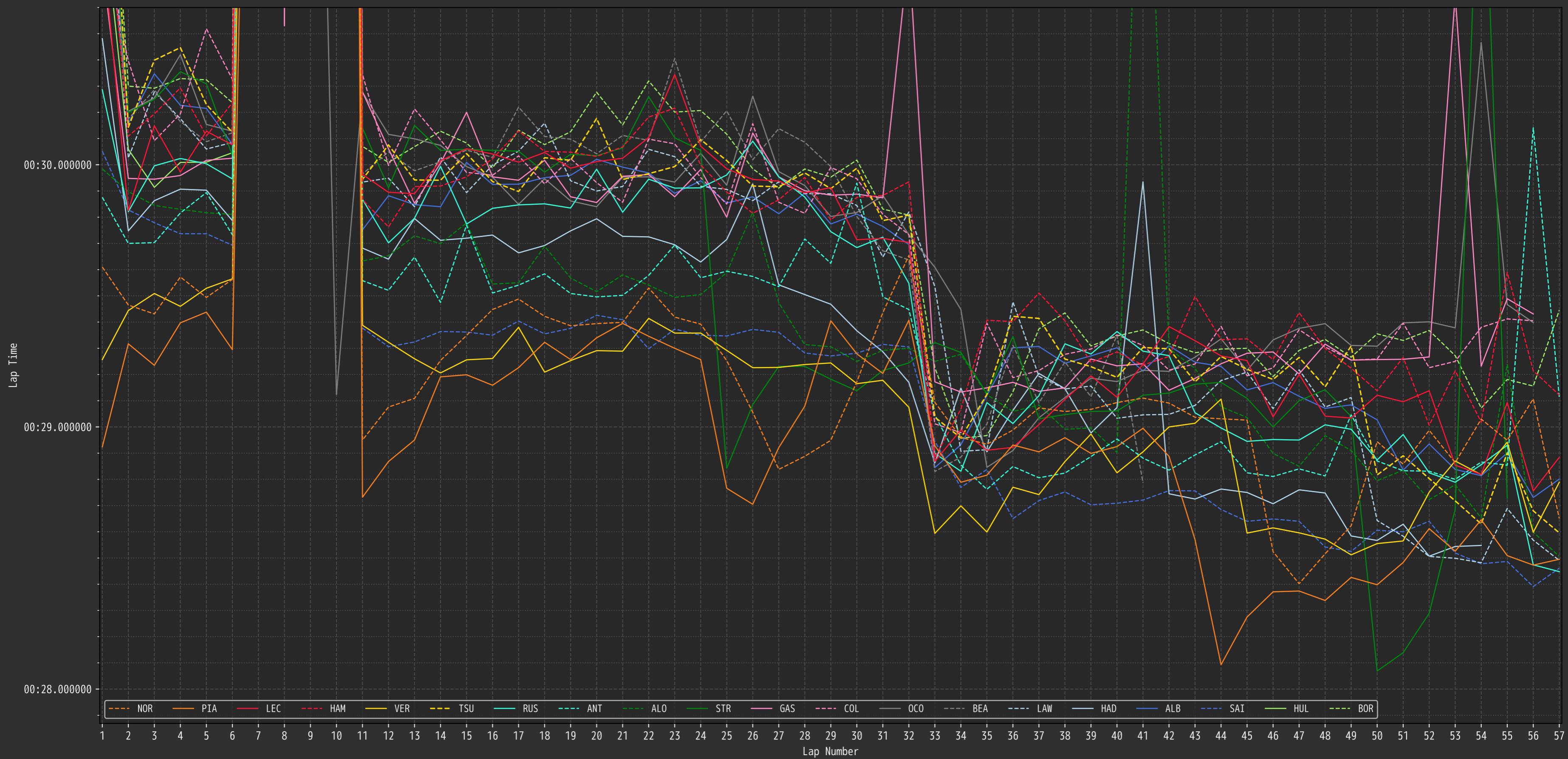
2025 Rd23 Qatar Grand Prix Race 直線近似
各スティントで1:22.000以上1:30.000以下の周回が3周以上の場合に算出



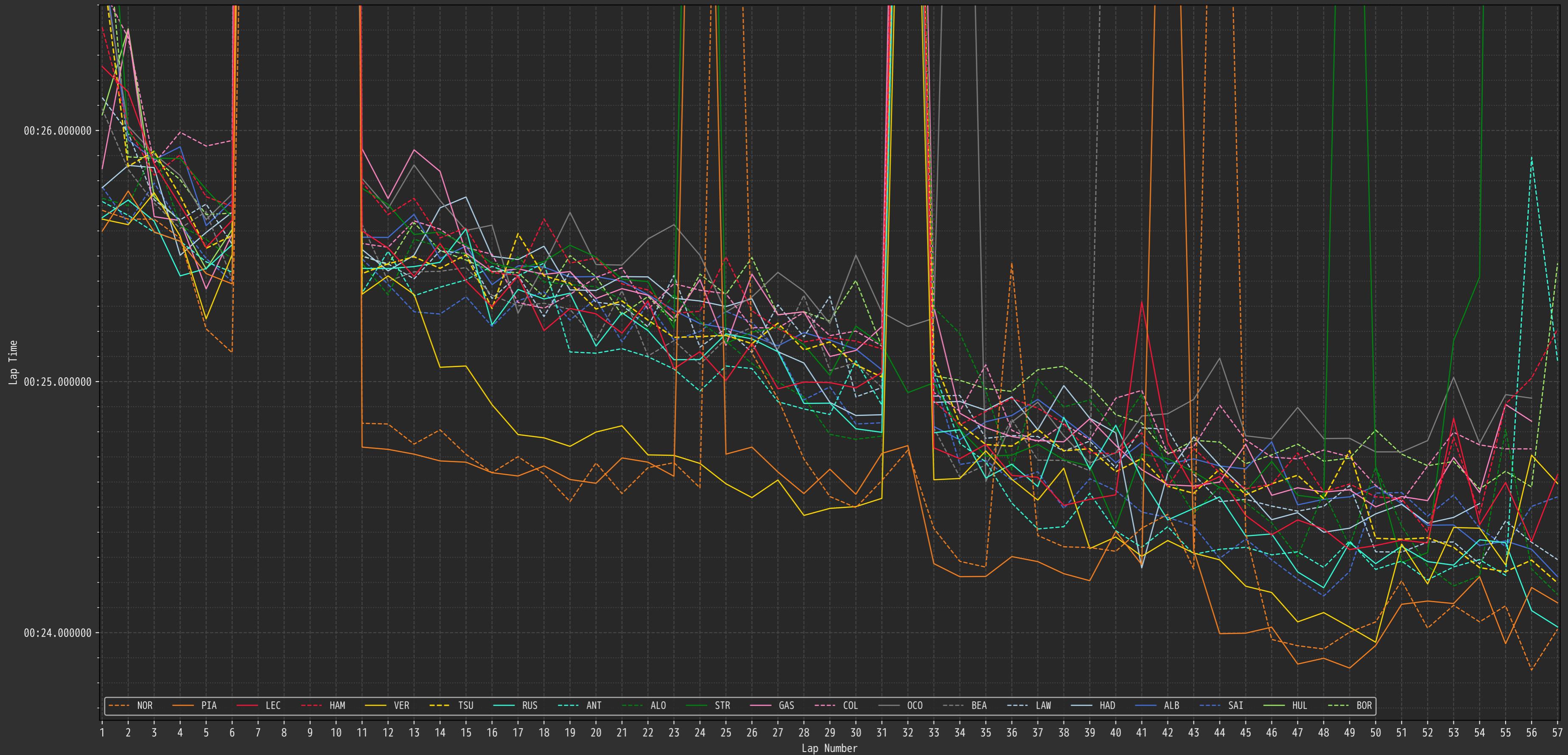
2025 Rd23 Qatar Grand Prix Race Sector1Time
(0:33.500までのタイムを抽出)



2025 Rd23 Qatar Grand Prix Race Sector2Time
(0:30.600までのタイムを抽出)



2025 Rd23 Qatar Grand Prix Race Sector3Time
(0:26.500までのタイムを抽出)



2025 Rd23 Qatar Grand Prix Race Sector1Timeの直線近似 直線近似
各ステイントで0:30.000以上0:33.500以下の周回が3周以上の場合に算出

2025 Rd23 Qatar Grand Prix Race Sector2Timeの直線近似 直線近似
各スティントで0:27.000以上0:30.600以下の周回が3周以上の場合に算出

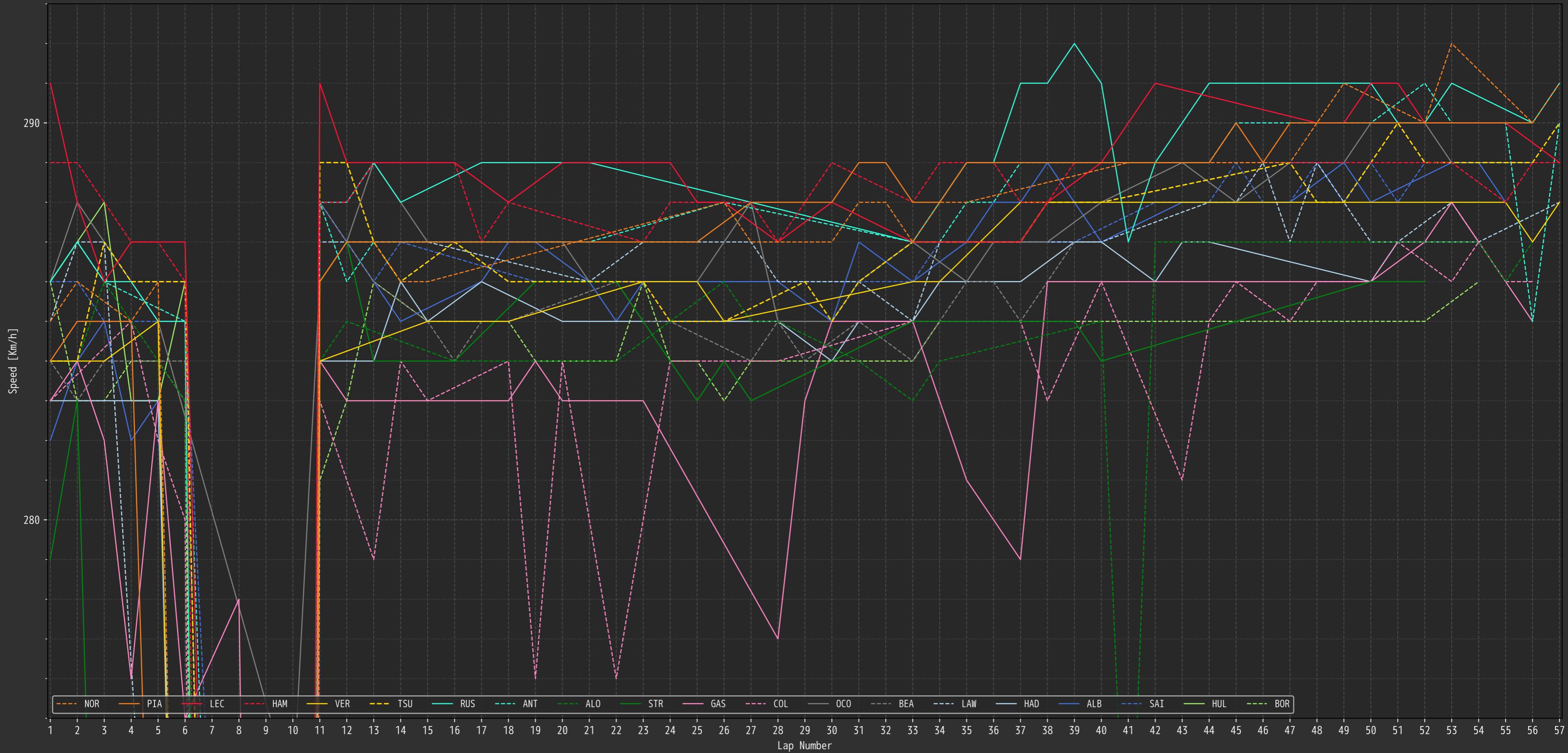


2025 Rd23 Qatar Grand Prix Race Sector3Timeの直線近似 直線近似
各スティントで0:23.000以上0:26.500以下の周回が3周以上の場合に算出



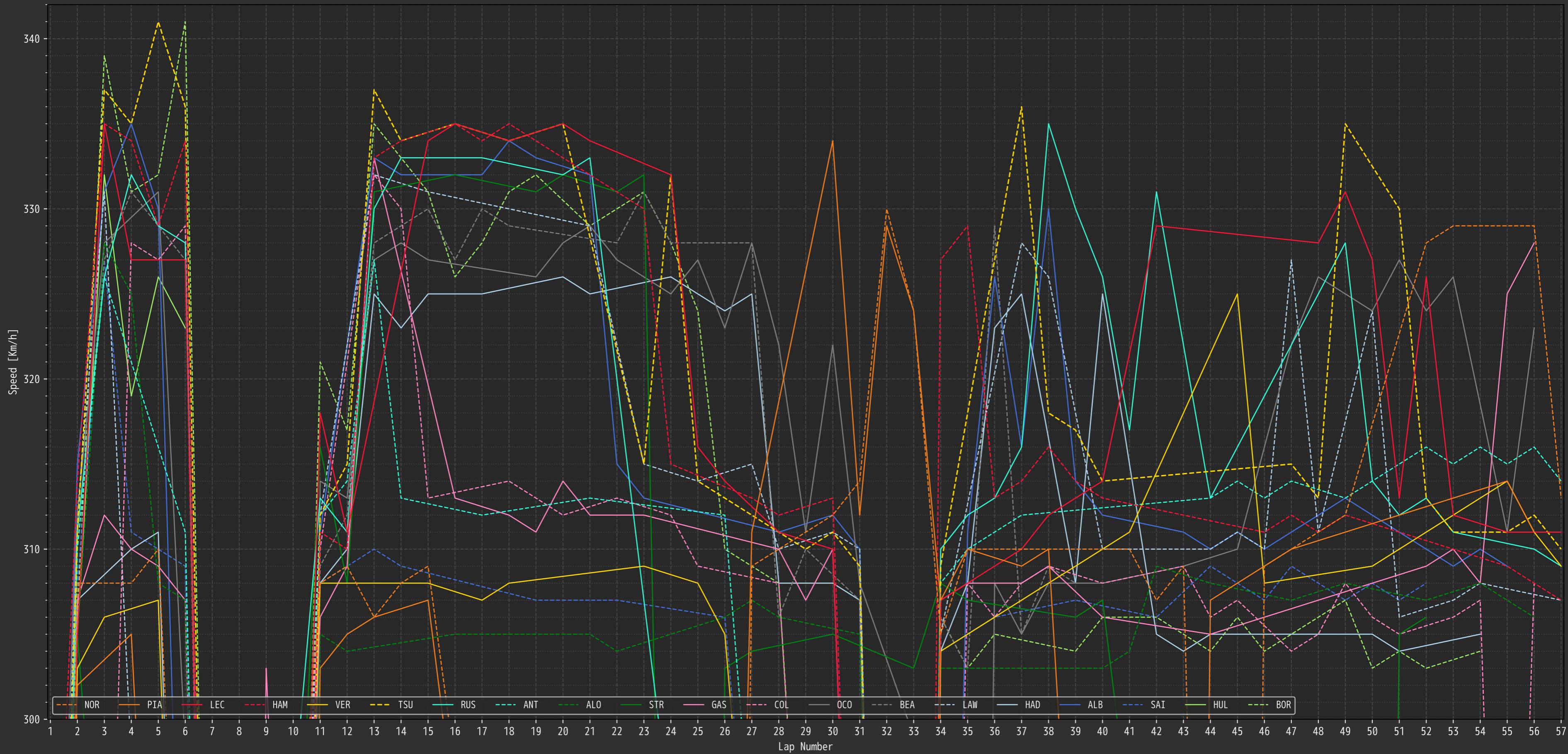
025 Rd23 Qatar Grand Prix Race:Sector1 speed(Km/h)

2025 Rd23 Qatar Grand Prix Race:Sector2 speed(Km/h)

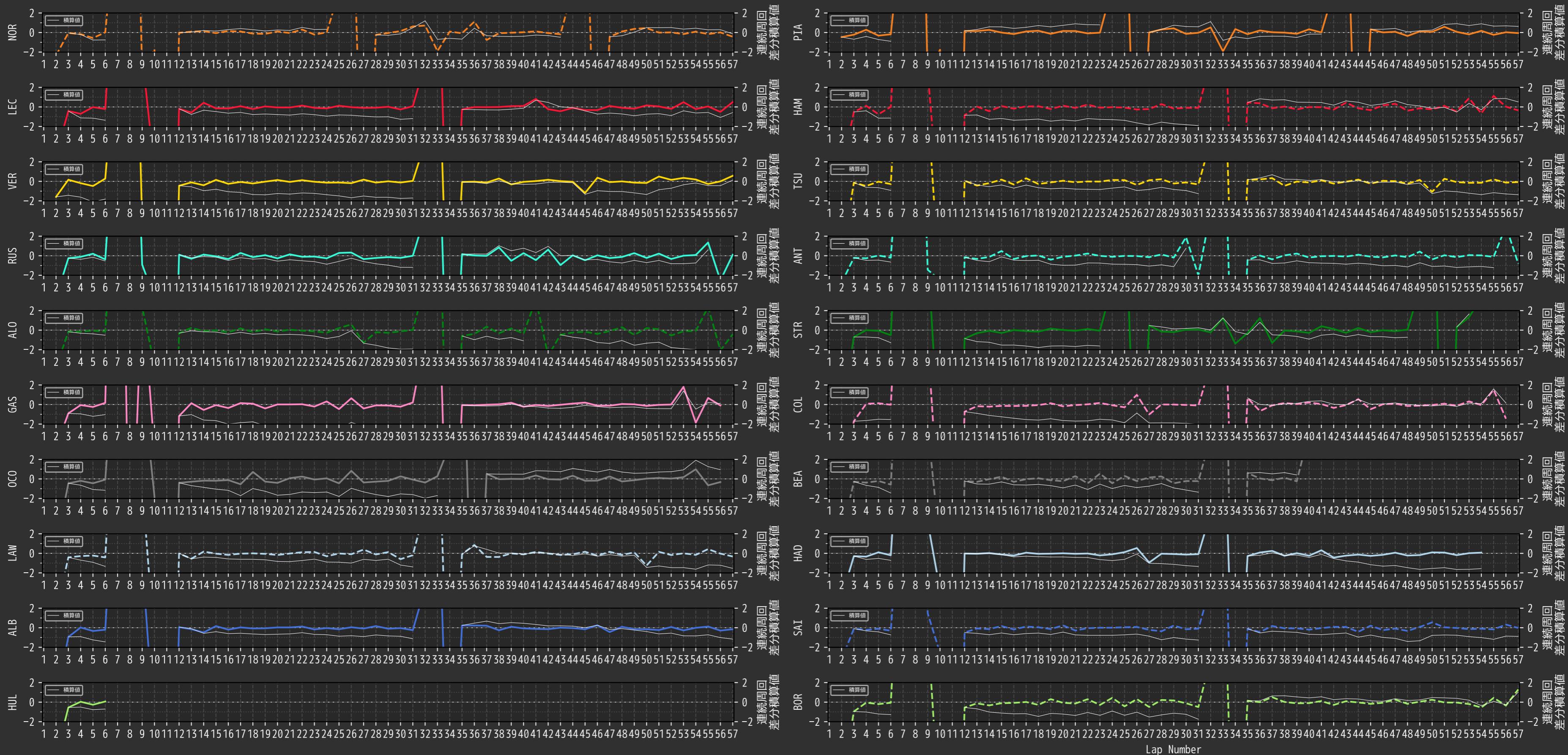


2025 Rd23 Qatar Grand Prix Race:Finish Line speed(Km/h)

2025 Rd23 Qatar Grand Prix Race: Speed Trap speed(Km/h)



2025 Rd23 Qatar Grand Prix Race 前ラップとの差分



Lap Number

	Time	Category	Message	Status	Flag	Scope	Sector	RacingNumber	Lap
0	2025-11-30 15:05:38	Other	PINK HEAD PADDING MATERIAL MUST BE USED				nan		1
1	2025-11-30 15:20:01	Flag	GREEN LIGHT - PIT EXIT OPEN		GREEN	Track	nan		1
2	2025-11-30 15:30:01	Other	PIT EXIT CLOSED				nan		1
3	2025-11-30 15:45:07	Other	RISK OF RAIN FOR F1 RACE IS 0%				nan		1
4	2025-11-30 15:57:04	Drs	DRS DISABLED	DISABLED			nan		1
5	2025-11-30 16:03:27	Flag	GREEN LIGHT - PIT EXIT OPEN		GREEN	Track	nan		1
6	2025-11-30 16:05:21	Drs	DRS ENABLED	ENABLED			nan		2
7	2025-11-30 16:06:52	Other	CAR 22 (TSU) TIME 1:29.251 DELETED - TRACK LIMITS AT TURN 10 LAP 2 19:05:58				nan		3
8	2025-11-30 16:07:58	Other	TURN 14 INCIDENT INVOLVING CAR 10 (GAS) NOTED - REJOINING UNSAFELY				nan		4
9	2025-11-30 16:10:01	Other	CAR 12 (ANT) TIME 1:27.737 DELETED - TRACK LIMITS AT TURN 10 LAP 3 19:07:18				nan		5
10	2025-11-30 16:10:31	Other	CAR 10 (GAS) TIME 1:29.291 DELETED - TRACK LIMITS AT TURN 14 LAP 2 19:06:12				nan		5
11	2025-11-30 16:11:00	Flag	BLACK AND WHITE FLAG FOR CAR 10 (GAS) - REJOINING UNSAFELY		BLACK AND WHITE	Driver	nan	10	6
12	2025-11-30 16:12:12	Other	INCIDENT INVOLVING CAR 31 (OCO) NOTED - FALSE START - MOVING BEFORE SIGNAL				nan		7
13	2025-11-30 16:12:45	Flag	DOUBLE YELLOW IN TRACK SECTOR 4		DOUBLE YELLOW	Sector	4.0		7
14	2025-11-30 16:12:59	Flag	YELLOW IN TRACK SECTOR 3		YELLOW	Sector	3.0		7
15	2025-11-30 16:13:00	Other	DRS DISABLED IN ZONE 1				nan		7
16	2025-11-30 16:13:01	SafetyCar	SAFETY CAR DEPLOYED	DEPLOYED			nan		7
17	2025-11-30 16:14:24	Other	FIA STEWARDS: INCIDENT INVOLVING CAR 31 (OCO) UNDER INVESTIGATION - FALSE START - MOVING BEFORE SIGNAL				nan		8
18	2025-11-30 16:14:53	Other	RECOVERY VEHICLE ON TRACK AT TURN 2				nan		8
19	2025-11-30 16:15:12	Other	FIA STEWARDS: 5 SECOND TIME PENALTY FOR CAR 31 (OCO) - FALSE START - MOVING BEFORE SIGNAL				nan		8
20	2025-11-30 16:17:53	Flag	CLEAR IN TRACK SECTOR 3	CLEAR	Sector	3.0			9
21	2025-11-30 16:18:51	Other	TURN 2 INCIDENT INVOLVING CARS 10 (GAS) AND 27 (HUL) NOTED - CAUSING A COLLISION				nan		10
22	2025-11-30 16:19:03	Other	FIA STEWARDS: TURN 2 INCIDENT INVOLVING CARS 10 (GAS) AND 27 (HUL) UNDER INVESTIGATION - CAUSING A COLLISION				nan		10
23	2025-11-30 16:20:02	Flag	CLEAR IN TRACK SECTOR 4	CLEAR	Sector	4.0			10
24	2025-11-30 16:20:04	SafetyCar	SAFETY CAR IN THIS LAP	IN THIS LAP			nan		10
25	2025-11-30 16:20:49	Flag	TRACK CLEAR	CLEAR	Track	nan			10
26	2025-11-30 16:22:38	Other	INCIDENT INVOLVING CAR 31 (OCO) NOTED - FAILING TO SERVE TIME PENALTY CORRECTLY				nan		12
27	2025-11-30 16:22:41	Other	CAR 4 (NOR) TIME 1:25.639 DELETED - TRACK LIMITS AT TURN 10 LAP 11 19:21:51				nan		12
28	2025-11-30 16:22:50	Drs	DRS ENABLED	ENABLED			nan		12
29	2025-11-30 16:23:54	Other	FIA STEWARDS: TURN 2 INCIDENT INVOLVING CARS 10 (GAS) AND 27 (HUL) NO FURTHER ACTION - CAUSING A COLLISION				nan		13
30	2025-11-30 16:24:04	Other	FIA STEWARDS: INCIDENT INVOLVING CAR 31 (OCO) REVIEWED NO FURTHER INVESTIGATION - FAILING TO SERVE TIME PENALTY CORRECTLY				nan		13
31	2025-11-30 16:24:19	Other	CAR 23 (ALB) TIME 1:28.247 DELETED - TRACK LIMITS AT TURN 10 LAP 11 19:21:58				nan		13
32	2025-11-30 16:25:36	Other	CAR 23 (ALB) TIME 1:28.153 DELETED - TRACK LIMITS AT TURN 10 LAP 13 19:24:54				nan		14
33	2025-11-30 16:29:07	Other	INCIDENT INVOLVING CAR 18 (STR) NOTED - YELLOW FLAG INFRINGEMENT				nan		16
34	2025-11-30 16:29:18	Other	INCIDENT INVOLVING CAR 5 (BOR) NOTED - YELLOW FLAG INFRINGEMENT				nan		16
35	2025-11-30 16:29:27	Other	INCIDENT INVOLVING CAR 23 (ALB) NOTED - YELLOW FLAG INFRINGEMENT				nan		16
36	2025-11-30 16:31:32	Other	CAR 22 (TSU) TIME 1:27.857 DELETED - TRACK LIMITS AT TURN 10 LAP 17 19:30:45				nan		18
37	2025-11-30 16:32:47	Other	FIA STEWARDS: INCIDENT INVOLVING CAR 18 (STR) REVIEWED NO FURTHER INVESTIGATION - YELLOW FLAG INFRINGEMENT				nan		19
38	2025-11-30 16:33:01	Other	FIA STEWARDS: INCIDENT INVOLVING CAR 5 (BOR) REVIEWED NO FURTHER INVESTIGATION - YELLOW FLAG INFRINGEMENT				nan		19
39	2025-11-30 16:33:37	Other	FIA STEWARDS: INCIDENT INVOLVING CAR 23 (ALB) REVIEWED NO FURTHER INVESTIGATION - YELLOW FLAG INFRINGEMENT				nan		19
40	2025-11-30 16:35:54	Other	CAR 30 (LAW) TIME 1:27.374 DELETED - TRACK LIMITS AT TURN 8 LAP 20 19:35:02				nan		21
41	2025-11-30 16:35:56	Other	CAR 23 (ALB) TIME 1:27.586 DELETED - TRACK LIMITS AT TURN 10 LAP 20 19:35:08				nan		21
42	2025-11-30 16:36:07	Flag	BLACK AND WHITE FLAG FOR CAR 23 (ALB) - TRACK LIMITS		BLACK AND WHITE	Driver	nan	23	21
43	2025-11-30 16:43:53	Other	INCIDENT INVOLVING CAR 18 (STR) NOTED - SPEEDING IN THE PIT LANE				nan		26
44	2025-11-30 16:43:59	Other	FIA STEWARDS: INCIDENT INVOLVING CAR 18 (STR) UNDER INVESTIGATION - SPEEDING IN THE PIT LANE				nan		27
45	2025-11-30 16:44:48	Other	FIA STEWARDS: 5 SECOND TIME PENALTY FOR CAR 18 (STR) - SPEEDING IN THE PIT LANE				nan		27
46	2025-11-30 16:48:45	Other	CAR 4 (NOR) TIME 1:25.020 DELETED - TRACK LIMITS AT TURN 10 LAP 29 19:48:01				nan		30
47	2025-11-30 16:51:45	Other	CAR 63 (RUS) TIME 1:26.633 DELETED - TRACK LIMITS AT TURN 10 LAP 31 19:51:03				nan		32
48	2025-11-30 16:54:53	Other	INCIDENT INVOLVING CAR 87 (BEA) NOTED - UNSAFE CONDITION				nan		34
49	2025-11-30 16:56:32	Other	FIA STEWARDS: INCIDENT INVOLVING CAR 87 (BEA) UNDER INVESTIGATION - UNSAFE CONDITION				nan		35
50	2025-11-30 16:57:08	Other	INCIDENT INVOLVING CAR 22 (TSU) NOTED - UNSAFE RELEASE				nan		36
51	2025-11-30 16:59:35	Other	FIA STEWARDS: INCIDENT INVOLVING CAR 22 (TSU) REVIEWED NO FURTHER INVESTIGATION - UNSAFE RELEASE				nan		37
52	2025-11-30 17:00:23	Other	CAR 63 (RUS) TIME 1:25.297 DELETED - TRACK LIMITS AT TURN 10 LAP 36 19:58:38				nan		38
53	2025-11-30 17:03:08	Other	FIA STEWARDS: 10 SECOND STOP/GO PENALTY FOR CAR 87 (BEA) - UNSAFE CONDITION				nan		40
54	2025-11-30 17:07:52	Other	CAR 63 (RUS) TIME 1:26.070 DELETED - TRACK LIMITS AT TURN 1 LAP 42 20:06:33				nan		43
55	2025-11-30 17:10:33	Flag	BLACK AND WHITE FLAG FOR CAR 63 (RUS) - TRACK LIMITS		BLACK AND WHITE	Driver	nan	63	45
56	2025-11-30 17:11:52	Other	FIA STEWARDS: PENALTY SERVED - 10 SECOND STOP/GO PENALTY FOR CAR 87 (BEA) - UNSAFE CONDITION				nan		46
57	2025-11-30 17:15:35	Other	CAR 43 (COL) TIME 1:25.985 DELETED - TRACK LIMITS AT TURN 10 LAP 47 20:14:40				nan		49
58	2025-11-30 17:17:43	Other	CAR 6 (HAD) TIME 1:24.325 DELETED - TRACK LIMITS AT TURN 10 LAP 49 20:17:05				nan		50
59	2025-11-30 17:20:41	Other	FIA STEWARDS: PENALTY SERVED - 5 SECOND TIME PENALTY FOR CAR 18 (STR) - SPEEDING IN THE PIT LANE				nan		52
60	2025-11-30 17:22:27	Flag	WAVED BLUE FLAG FOR CAR 10 (GAS) TIMED AT 20:22:26		BLUE	Driver	nan	10	53
61	2025-11-30 17:22:30	Flag	WAVED BLUE FLAG FOR CAR 10 (GAS) TIMED AT 20:22:29		BLUE	Driver	nan	10	54
62	2025-11-30 17:24:05	Flag	WAVED BLUE FLAG FOR CAR 31 (OCO) TIMED AT 20:24:04		BLUE	Driver	nan	31	55
63	2025-11-30 17:24:21	Other	CAR 81 (PIA) TIME 1:23.889 DELETED - TRACK LIMITS AT TURN 10 LAP 54 20:23:29				nan		55
64	2025-11-30 17:24:27	Flag	WAVED BLUE FLAG FOR CAR 18 (STR) TIMED AT 20:24:26		BLUE	Driver	nan	18	55
65	2025-11-30 17:24:43	Flag	WAVED BLUE FLAG FOR CAR 43 (COL) TIMED AT 20:24:43		BLUE	Driver	nan	43	55
66	2025-11-30 17:24:52	Flag	WAVED BLUE FLAG FOR CAR 43 (COL) TIMED AT 20:24:51		BLUE	Driver	nan	43	55
67	2025-11-30 17:24:52	Other	CAR 16 (LEC) TIME 1:25.109 DELETED - TRACK LIMITS AT TURN 14 LAP 53 20:23:06				nan		55
68	2025-11-30 17:25:02	Flag	WAVED BLUE FLAG FOR CAR 43 (COL) TIMED AT 20:25:01		BLUE	Driver	nan	43	55
69	2025-11-30 17:25:53	Other	TRACK SURFACE SLIPPERY IN TRACK SECTOR 1				nan		56
70	2025-11-30 17:25:55	Other	TRACK SURFACE SLIPPERY IN TRACK SECTOR 2				nan		56
71	2025-11-30 17:25:59	Flag	CLEAR IN TRACK SECTOR 1	CLEAR	Sector	1.0			56
72	2025-11-30 17:26:59	Flag	WAVED BLUE FLAG FOR CAR 6 (HAD) TIMED AT 20:26:59		BLUE	Driver	nan	6	5