



Loco Pilot Driving Technique Analysis

Western Railway

Report For Crew CMS ID: BL1117

Report For Crew CMS ID: BL1117

Record Period: 04-08-2025 10:34:56 to 04-08-2025 14:28:10

Loco Pilot Name: R K SHARMA

Designation: LOCO PILOT MAIL/EXPRESS

CMS_ID: BL1117

Nominated CLI: MANOJ KSHTRIYA

Loco Number: 37817

Train Number: OMS SPL

Start Date & Time: 04-08-2025 10:34:56

Finished Date & Time: 04-08-2025 14:28:10

Total Distance: 233.216 KM

Total Running Time: 03:53:09 Hrs.

Total Halt Time: 00:00:05 Hrs.

WS to WS Duration: 03:53 Hrs

Top Speed: 135 Kmph

Average Speed: 60.0 Kmph

Total Halt: 11 Times

Prepared By:

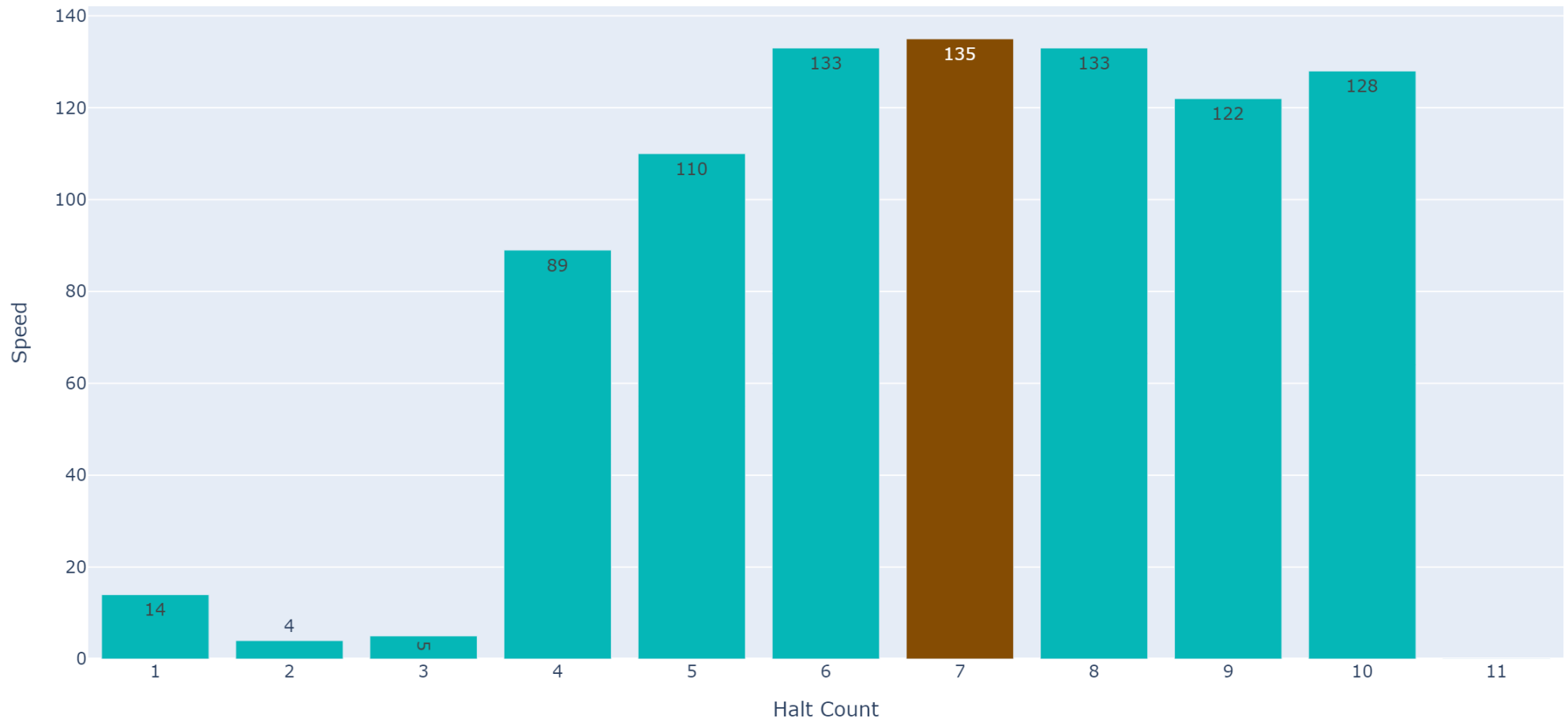
SPM Report For Loco_No 37817 & CMS_ID BL1117

Speed Slab Wise Distance and Time

Speed Slab (km/h)	Total Distance (Meter)	Total Time (HH:MM:SS)
1-10	0.595 km	00:31:40
11-20	3.451 km	00:13:16
21-30	8.096 km	00:18:12
31-40	15.782 km	00:26:46
41-50	15.864 km	00:21:09
51-60	11.187 km	00:12:05
61-70	10.643 km	00:09:45
71-80	11.622 km	00:09:20
81-90	10.681 km	00:07:29
91-100	10.848 km	00:06:51
101-110	20.896 km	00:11:45
111-120	10.029 km	00:05:12
121-130	66.559 km	00:31:11
131-150	4.538 km	00:02:04

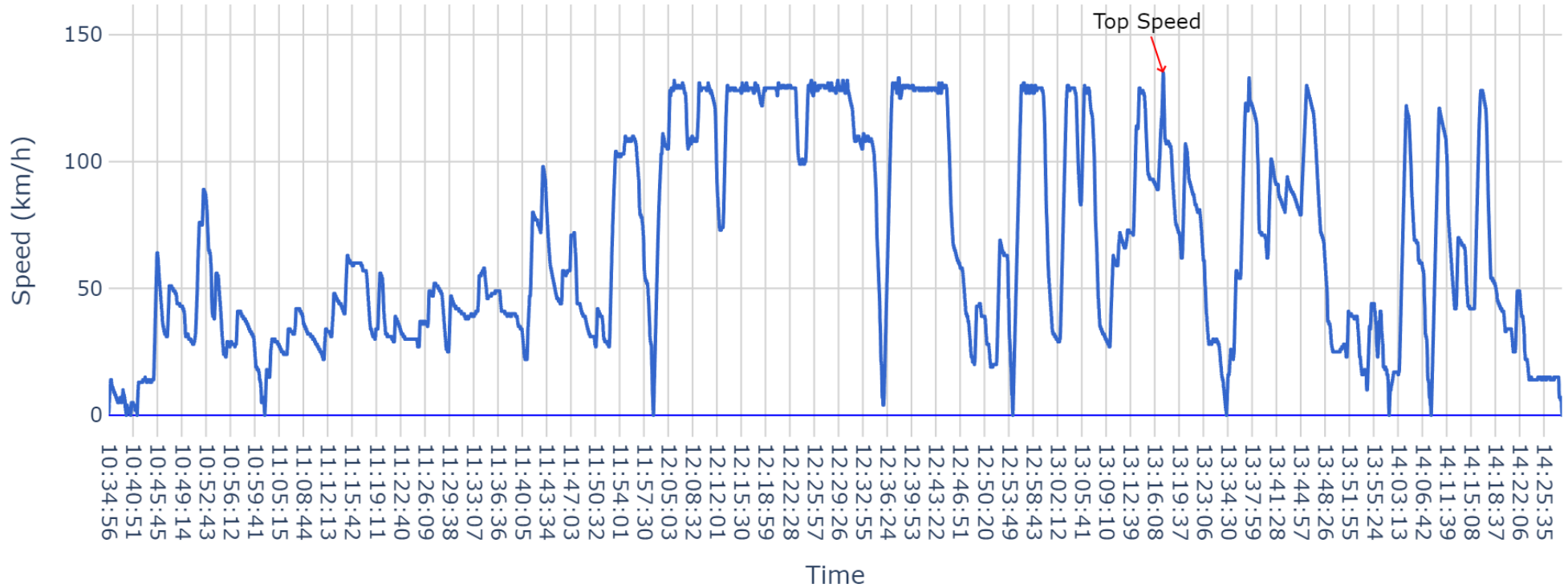
Top Speed Between Each Halt (CMS_ID: BL1117 & Loco_No 37817)

Max. Speed of Each Halt (CMS_ID: BL1117)



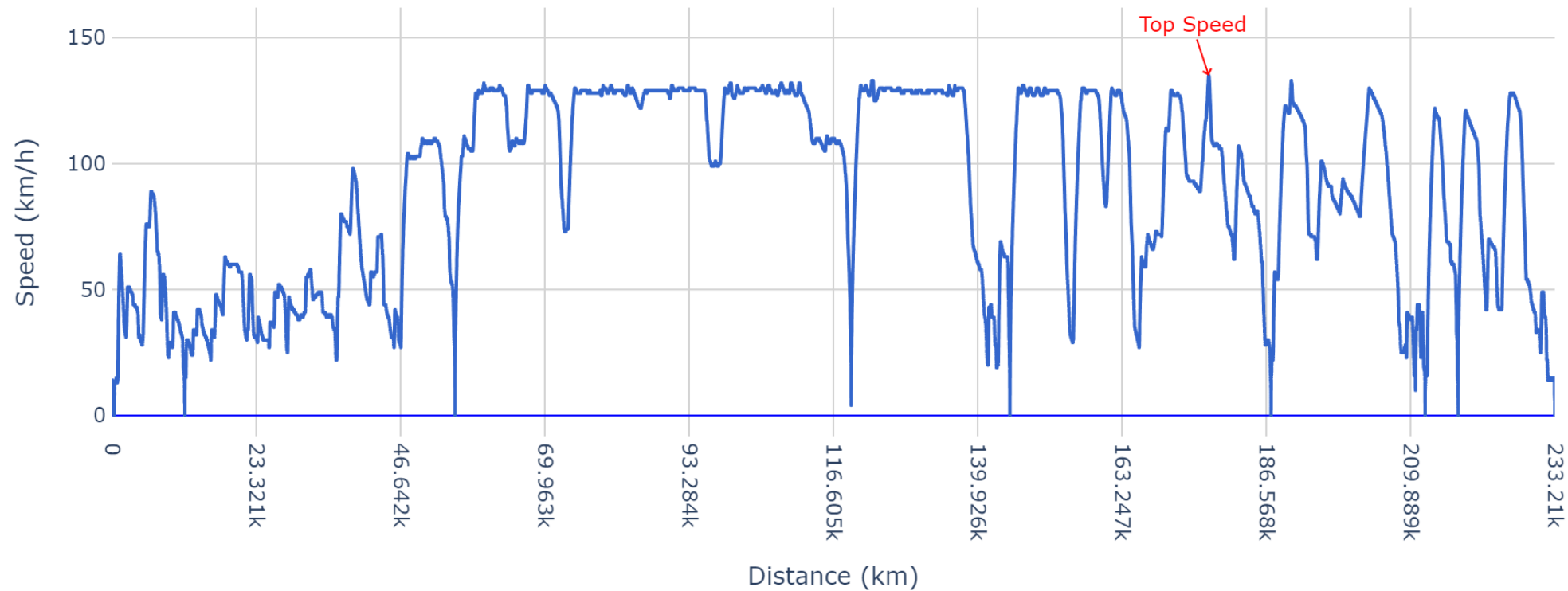
Report for CMS_ID: BL1117 & Loco_No 37817

Speed Variation Over Time for CMS_ID: BL1117 Top Speed - 135 Km/h



Report for CMS_ID: BL1117 & Loco_No 37817

Speed Variation Over Distance for CMS_ID: BL1117



Report for CMS_ID: BL1117 & Loco_No 37817

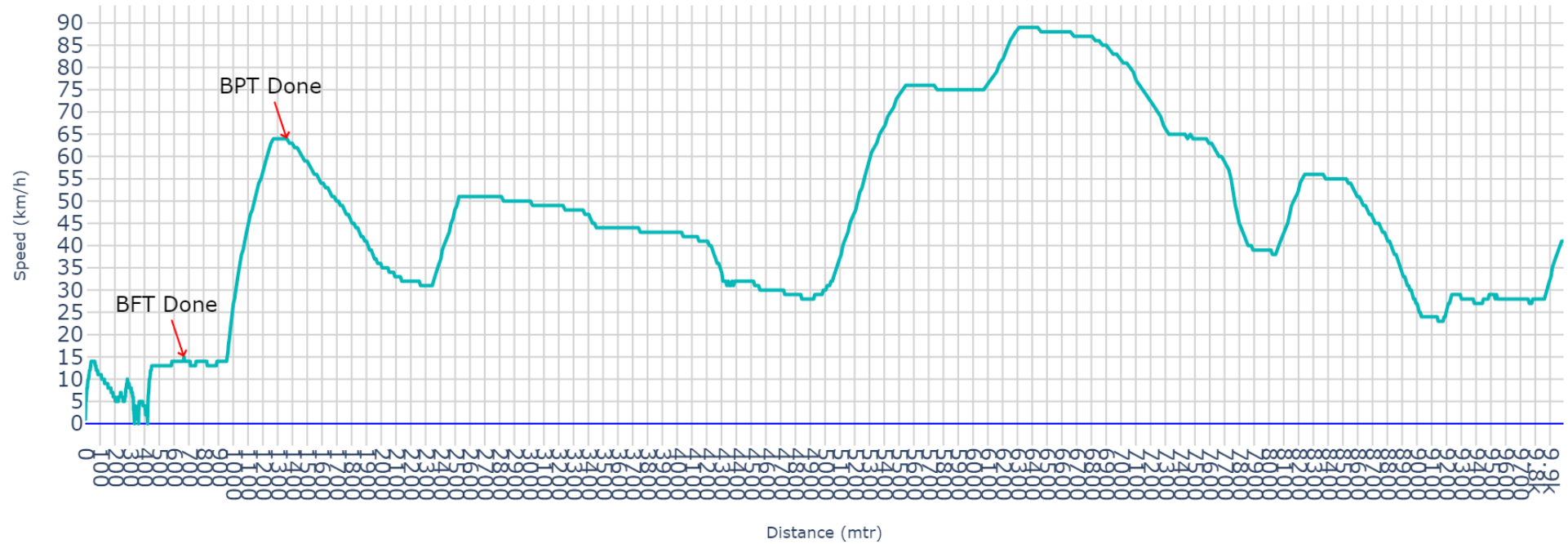
Brake Feel & Brake Power Test Conducted (Within 10 Km of First Section)

Test Done	Start Time	End Time	Start Distance	End Distance	Total Distance	Start Speed	End Speed
BFT	10:44:00	N/A	667	N/A	Improper BFT	15	N/A
BPT	10:45:47	10:47:11	1362	2345	983.0	64	31

Note:- All Distances are Shown in Meters

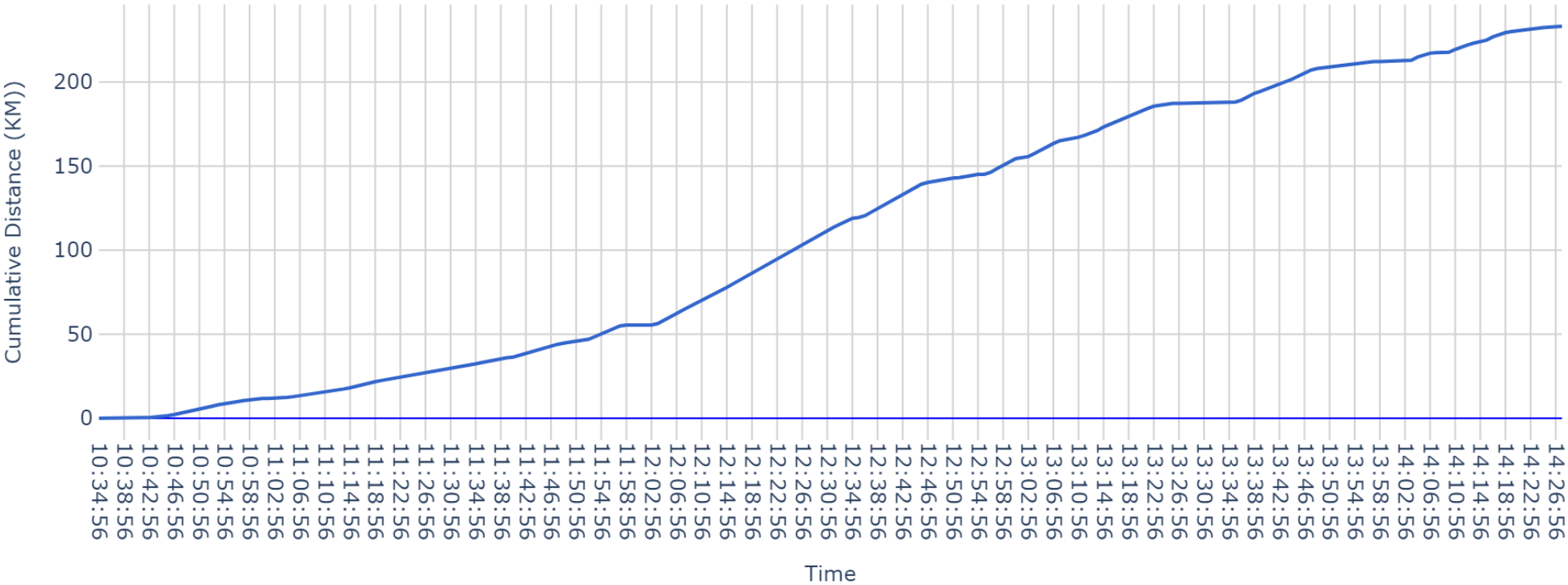
Report for CMS_ID: BL1117 & Loco_No 37817

Brake Feel & Brake Power Test (In First Section of 10 KM)



Report for CMS_ID: BL1117 & Loco_No 37817

Cumulative Distance Over Time for CMS_ID: BL1117

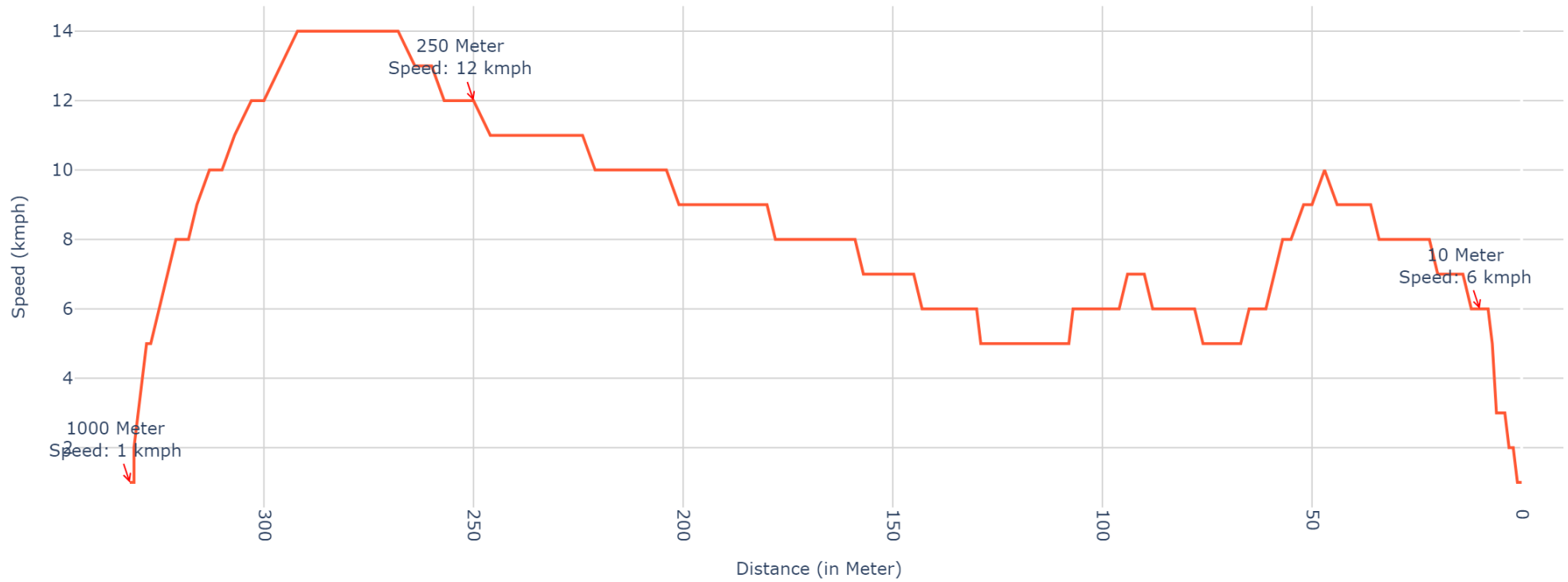


Run Details Table for CMS_ID: BL1117

Run No	Start Time	End Time	Distance (KM)	Top Speed	Speed@1000m	Speed@500m	Speed@350m	Speed@10m
1	10:34:56	10:37:26	0.33	14	1	N/A	12	6
2	10:37:27	10:38:09	0.03	4	0	N/A	N/A	2
3	10:38:09	10:41:26	0.06	5	0	N/A	N/A	2
4	10:41:26	11:01:07	11.38	89	37	32	19	6
5	11:01:08	11:58:51	43.65	110	72	52	43	9
6	11:58:52	12:54:24	89.70	133	64	63	49	8
7	12:54:24	13:26:24	42.21	135	30	29	28	5
8	13:26:24	13:57:36	24.90	133	44	38	28	12
9	13:57:37	14:07:57	5.33	122	61	57	36	7
10	14:07:58	14:28:10	15.64	128	14	15	14	6
11	14:28:10	14:28:10	0.00	0	0	N/A	N/A	N/A

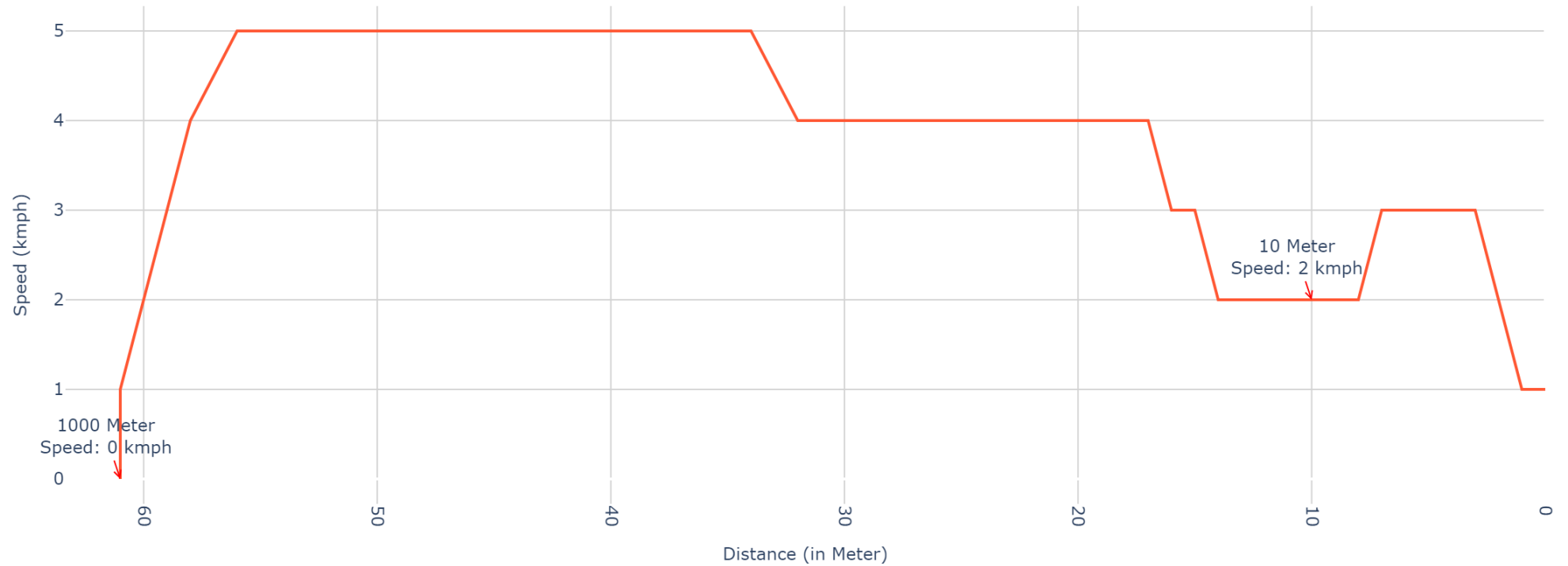
Braking Pattern of : BL1117

Braking Pattern Before 1000 meter of Halt- 1 (Max. Speed of Run: 14 kmph)



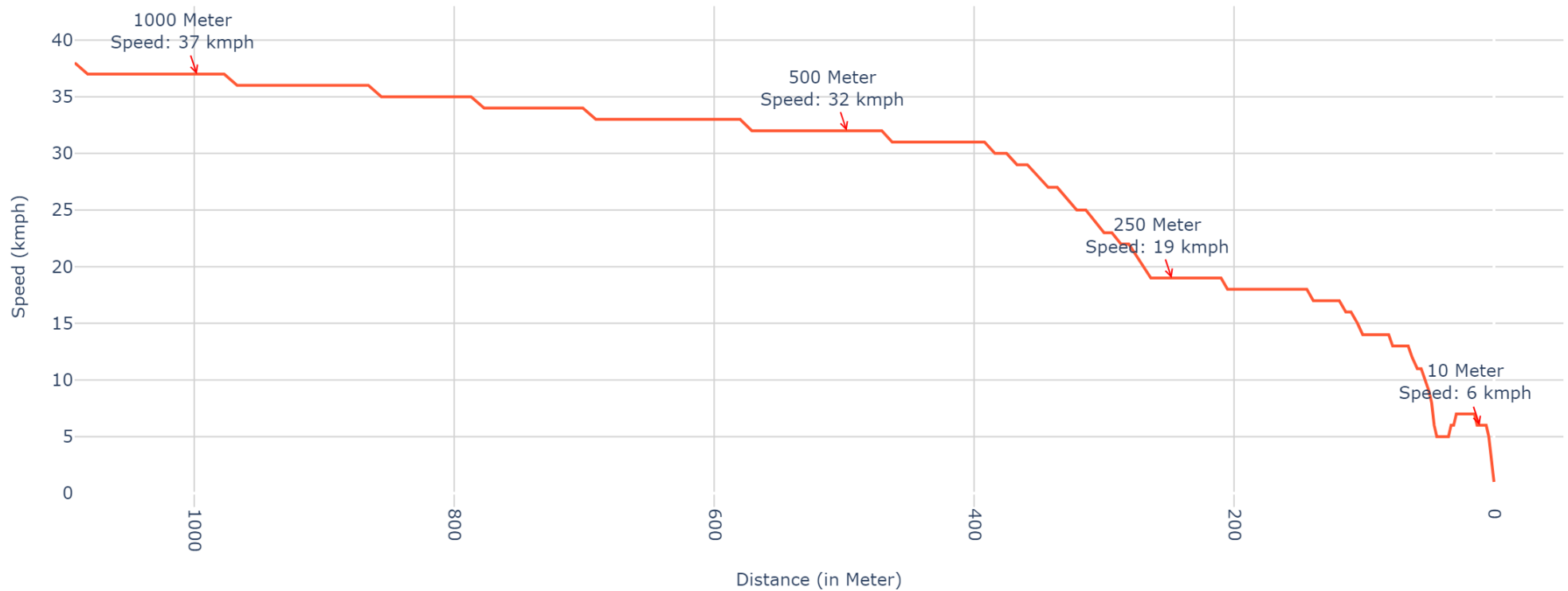
Braking Pattern of : BL1117

Braking Pattern Before 1000 meter of Halt- 3 (Max. Speed of Run: 5 kmph)



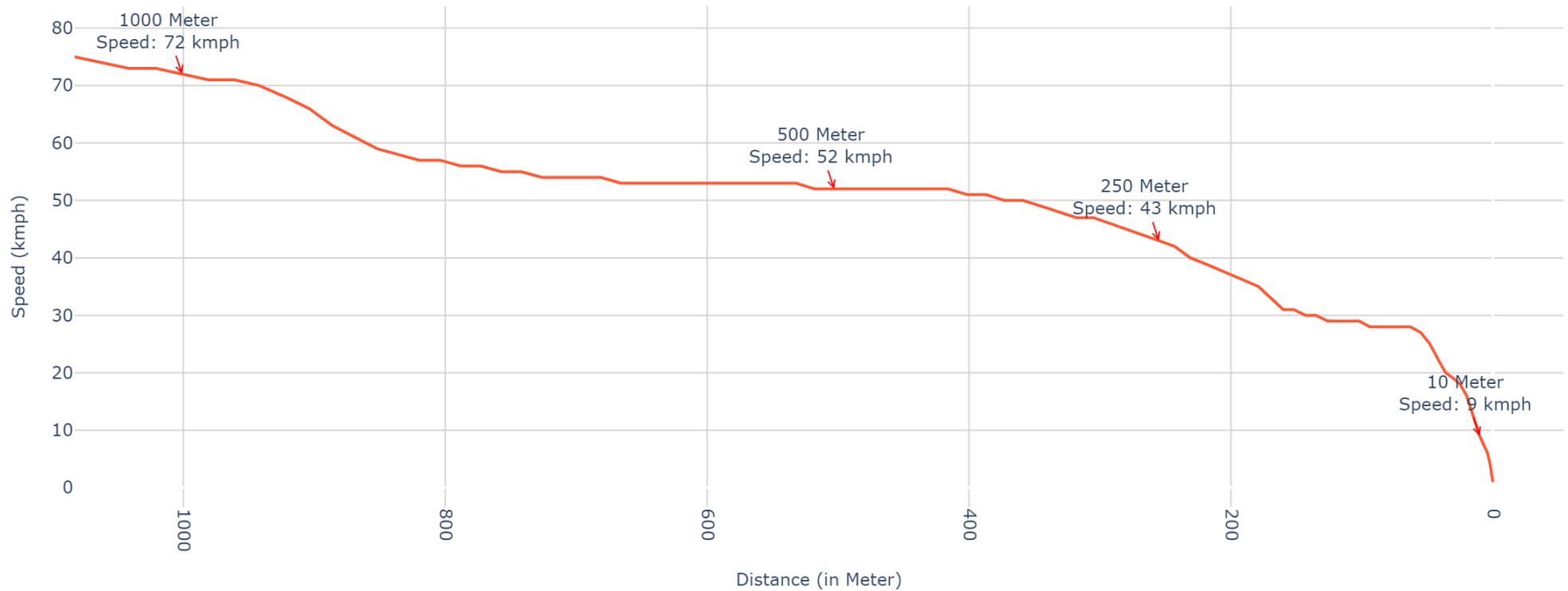
Braking Pattern of : BL1117

Braking Pattern Before 1000 meter of Halt- 4 (Max. Speed of Run: 89 kmph)



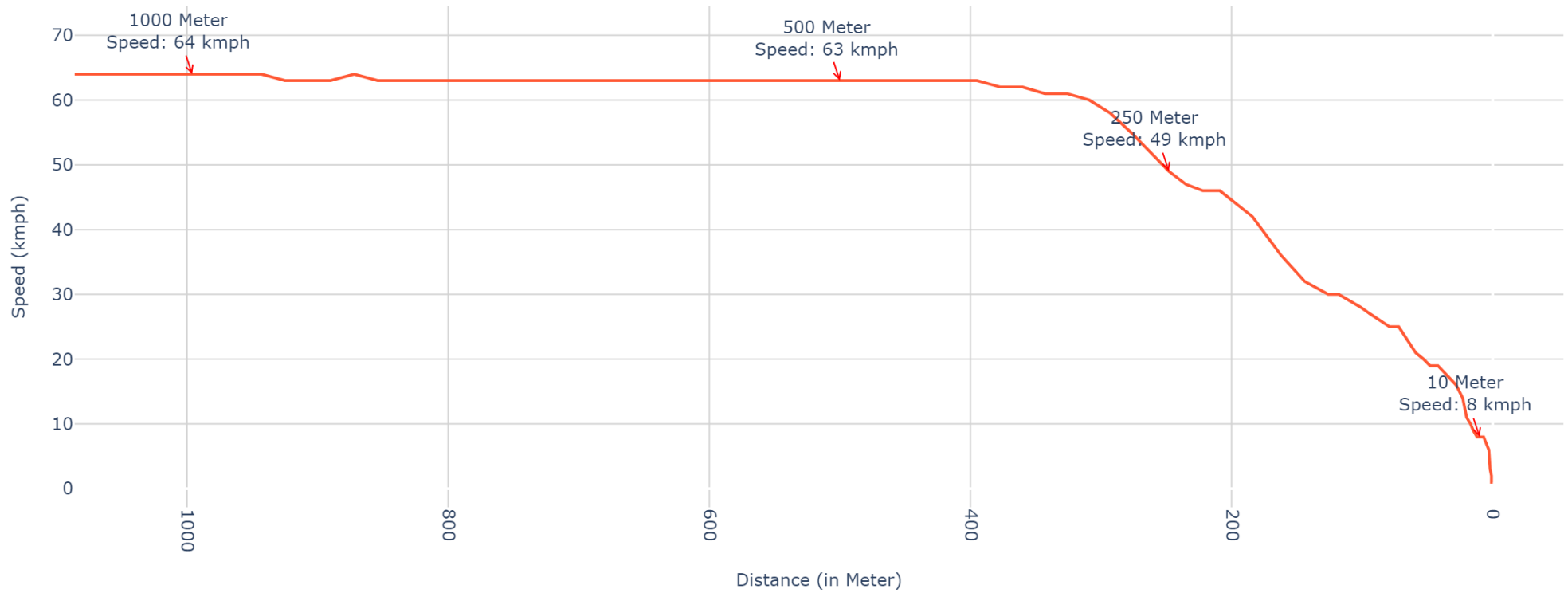
Braking Pattern of : BL1117

Braking Pattern Before 1000 meter of Halt- 5 (Max. Speed of Run: 110 kmph)



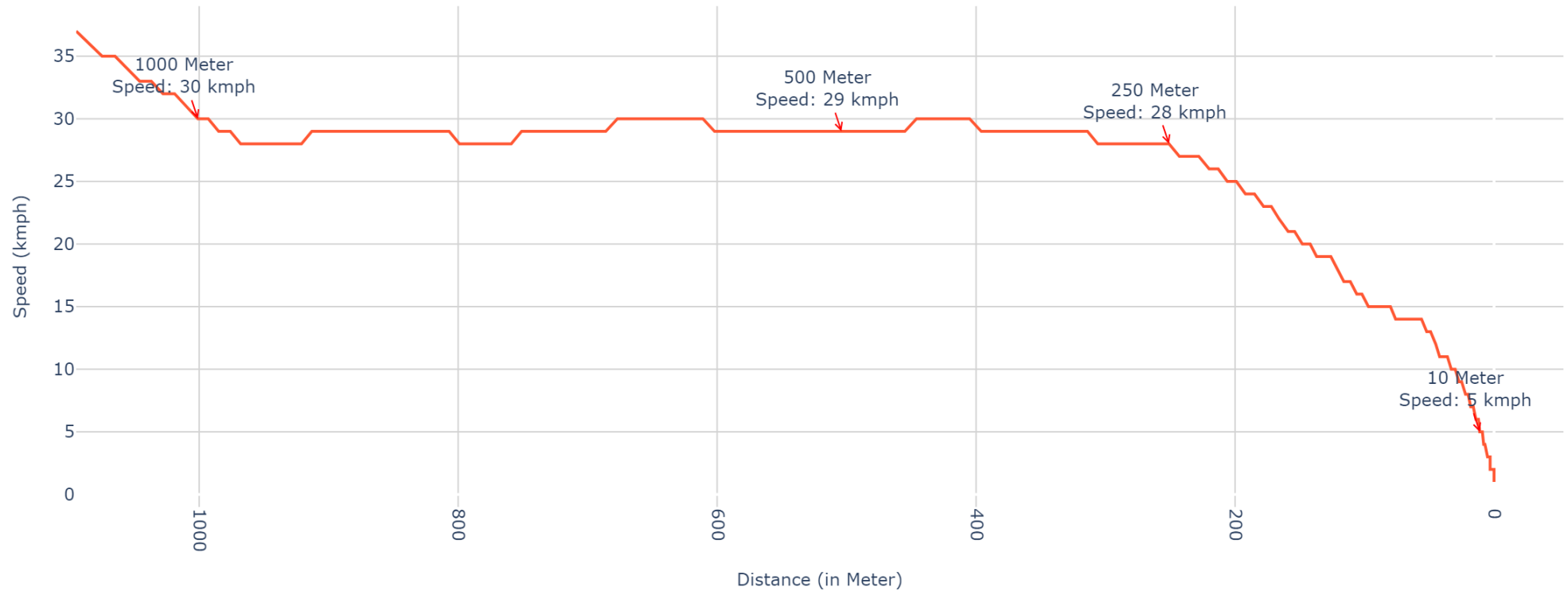
Braking Pattern of : BL1117

Braking Pattern Before 1000 meter of Halt- 6 (Max. Speed of Run: 133 kmph)



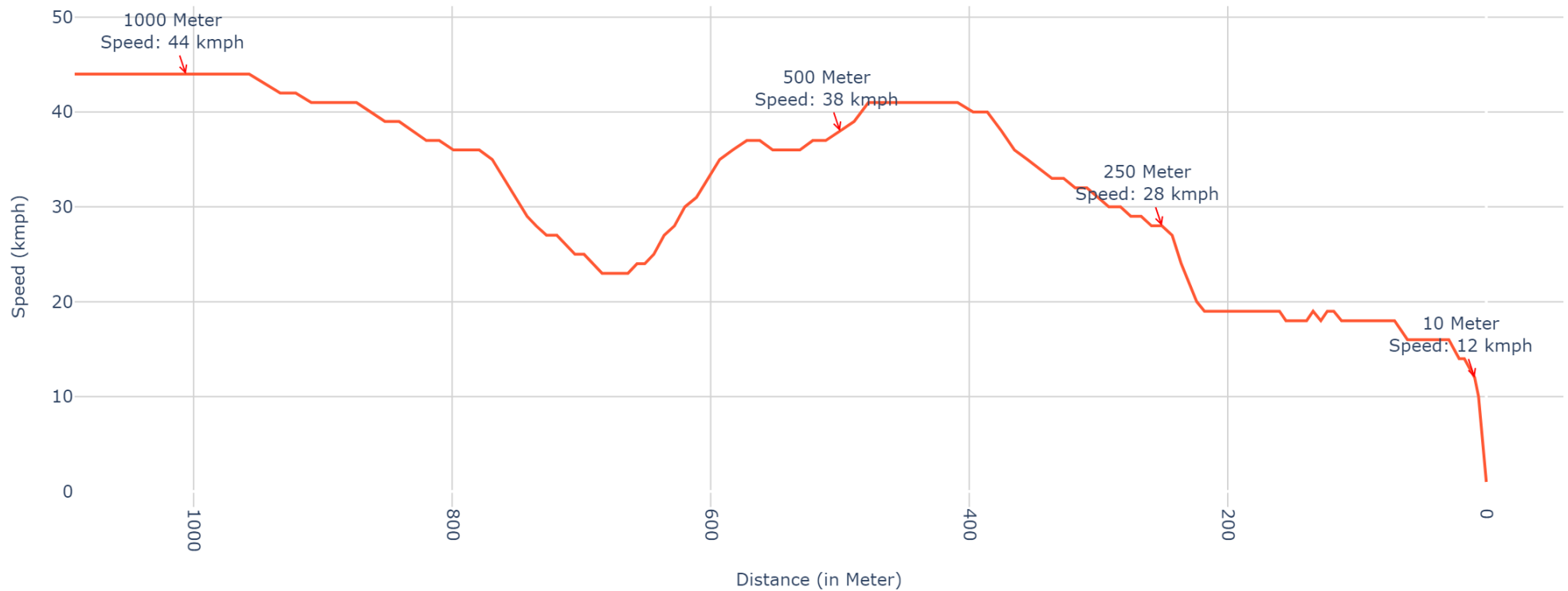
Braking Pattern of : BL1117

Braking Pattern Before 1000 meter of Halt- 7 (Max. Speed of Run: 135 kmph)



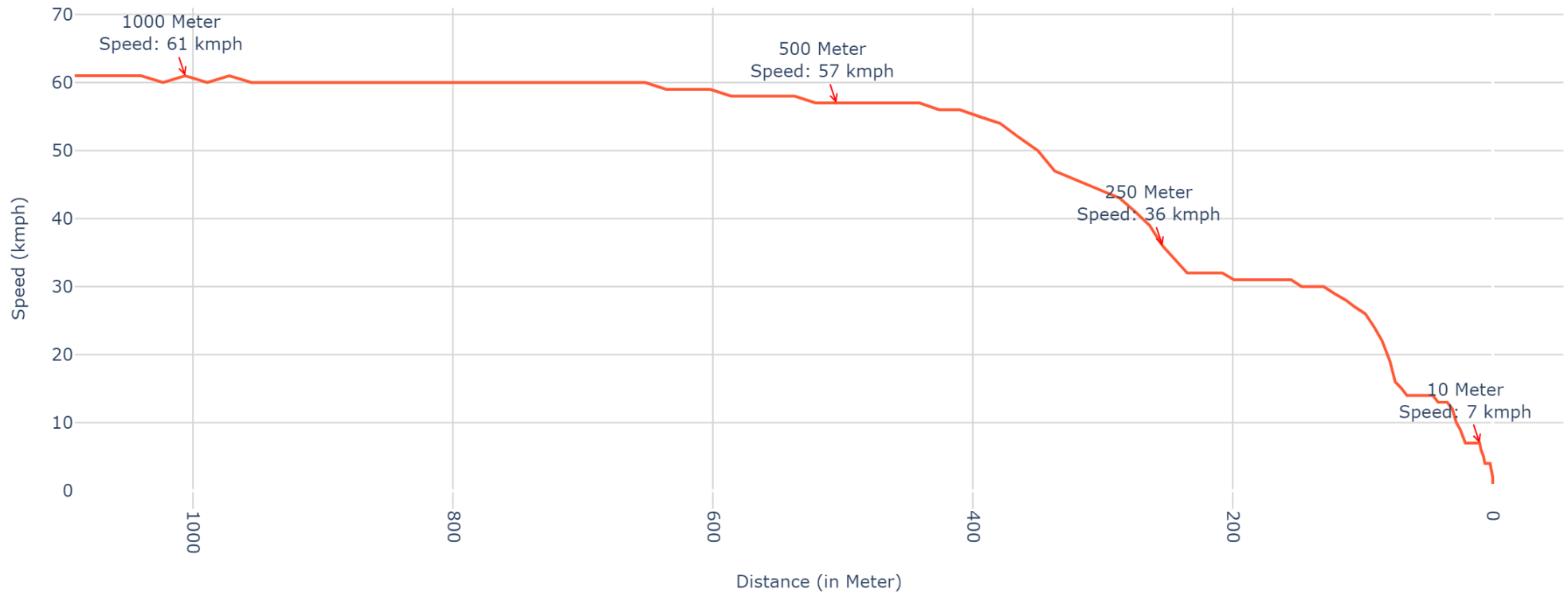
Braking Pattern of : BL1117

Braking Pattern Before 1000 meter of Halt- 8 (Max. Speed of Run: 133 kmph)



Braking Pattern of : BL1117

Braking Pattern Before 1000 meter of Halt- 9 (Max. Speed of Run: 122 kmph)



Braking Pattern of : BL1117

Braking Pattern Before 1000 meter of Halt- 10 (Max. Speed of Run: 128 kmph)

