



# Loco Pilot Driving Technique Analysis

## Western Railway

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Report For Crew CMS ID: BSR1274

Record Period: 15-04-2025 18:38:05 to 16-04-2025 05:03:05

Loco Pilot Name -: RAVIKANT R

Designation -: LOCO PILOT GOODS

CMS\_ID -: BSR1274

Nominated CLI -: KAMLESH KUMAR JANGIR

Loco Number -: 31627

Train Number -: JSWD CWCJ

Start Date & Time -: 15-04-2025 18:38:05

Finished Date & Time -: 16-04-2025 05:03:05

Total Distance -: 147.257 KM

Total Running Time -: 09:57:23 Hrs.

Total Halt Time -: 00:27:37 Hrs.

WS to WS Duration -: 10:24 Hrs

Top Speed -: 52 Kmph

Average Speed -: 14.14 Kmph

Total Halt -: 6 Times

Prepared By -: .....

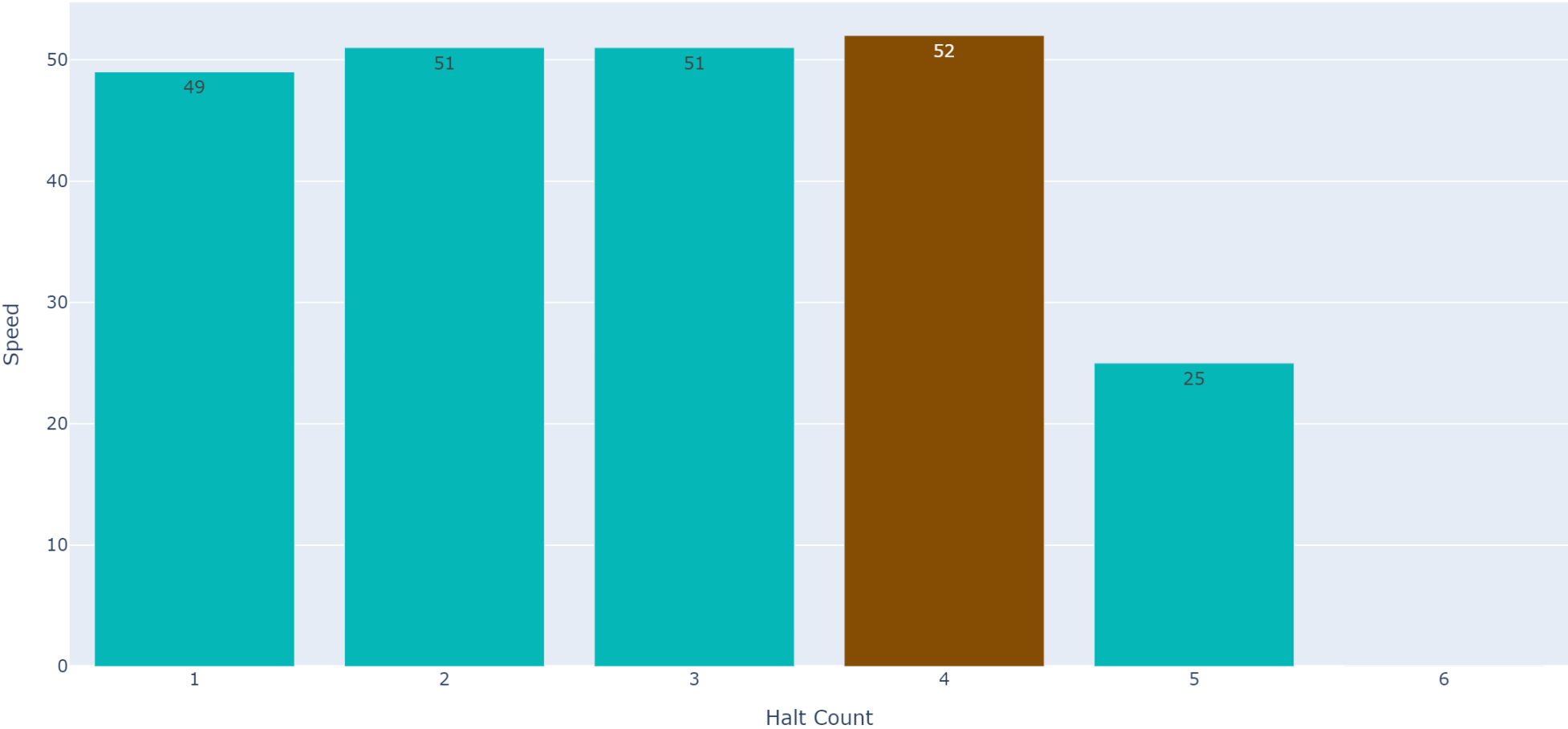
## SPM Report For Loco\_No 31627 & CMS\_ID BSR1274

### Speed Slab Wise Distance and Time

Speed Slab (km/h)	Total Distance (Meter)	Total Time (HH:MM:SS)
1-10	2.193 km	06:08:54
11-20	8.772 km	00:35:28
21-30	13.235 km	00:30:43
31-40	9.400 km	00:15:56
41-50	89.925 km	01:51:58
51-60	3.219 km	00:03:46
61-70	--	--
71-80	--	--
81-90	--	--
91-100	--	--
101-110	--	--
111-120	--	--
121-130	--	--
131-150	--	--

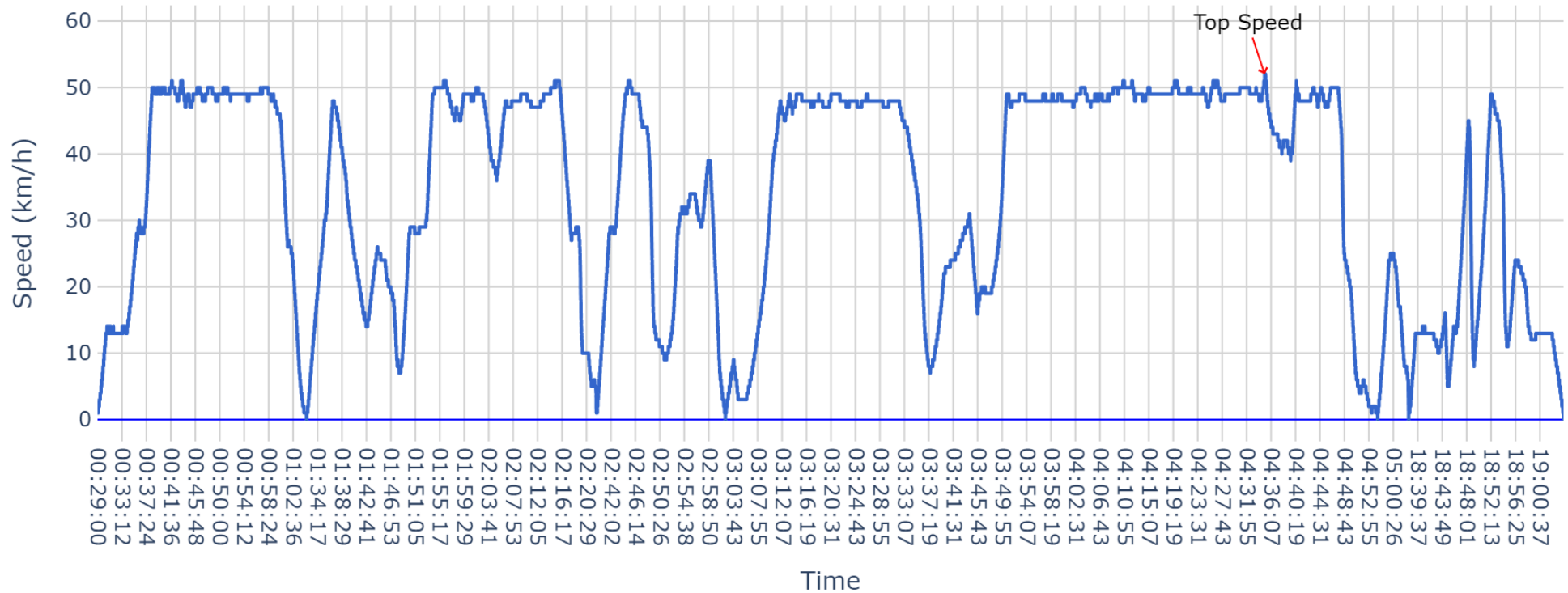
Top Speed Between Each Halt (CMS\_ID: BSR1274 & Loco\_No 31627)

Max. Speed of Each Halt (CMS\_ID: BSR1274)



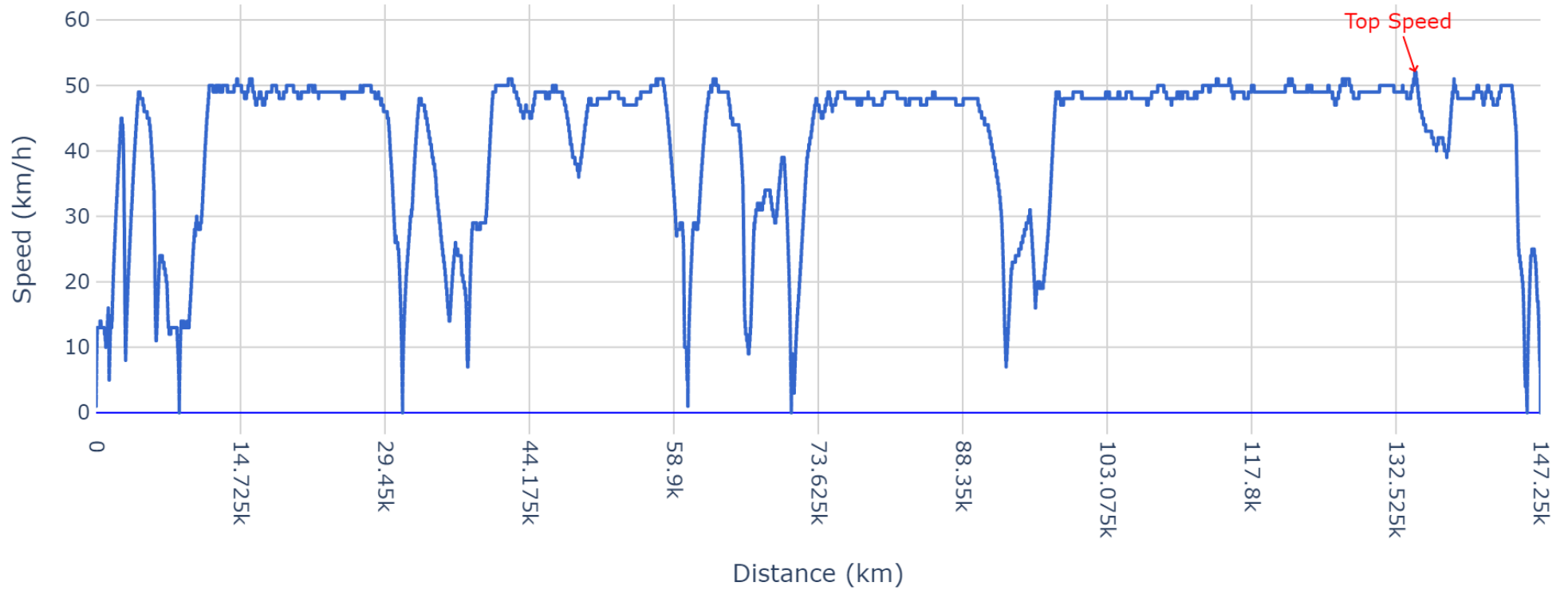
## Report for CMS\_ID: BSR1274 & Loco\_No 31627

Speed Variation Over Time for CMS\_ID: BSR1274 Top Speed - 52 Km/h



## Report for CMS\_ID: BSR1274 & Loco\_No 31627

### Speed Variation Over Distance for CMS\_ID: BSR1274



## Report for CMS\_ID: BSR1274 & Loco\_No 31627

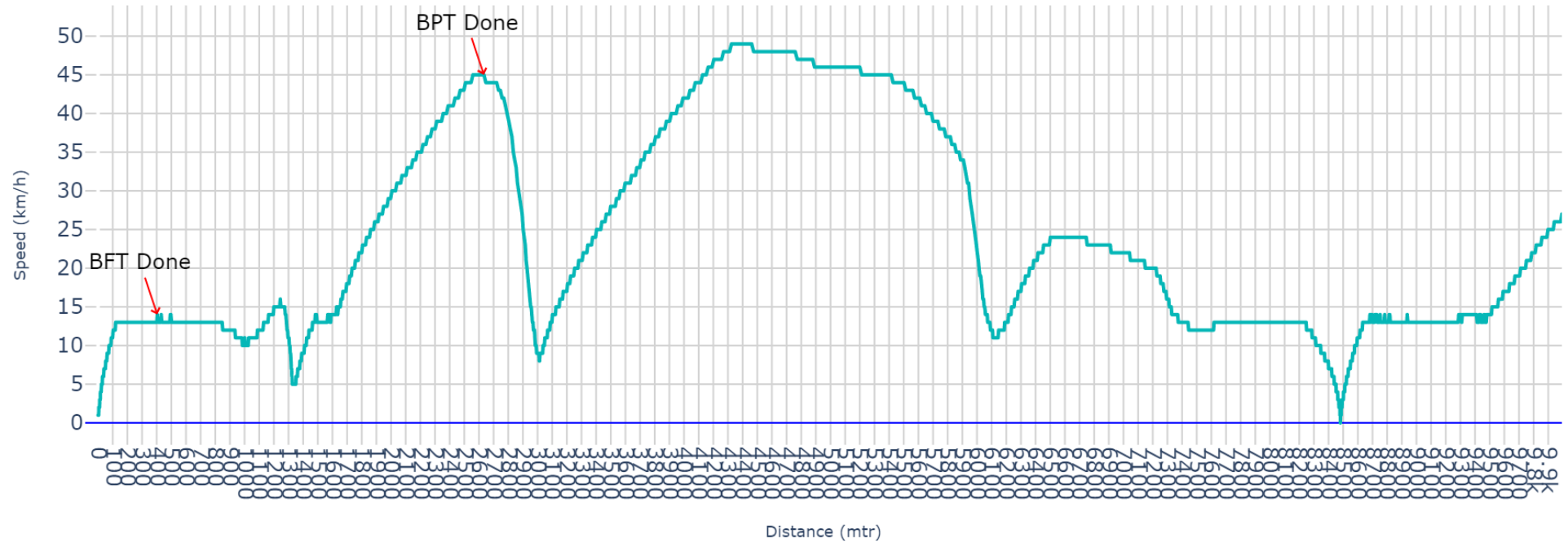
Brake Feel & Brake Power Test Conducted (Within 10 Km of First Section)

Test Done	Start Time	End Time	Start Distance	End Distance	Total Distance	Start Speed	End Speed
BFT	18:40:28	18:44:59	404	1350	946.0	14	5
BPT	18:48:24	18:49:18	2634	3014	380.0	45	8

Note:- All Distances are Shown in Meters

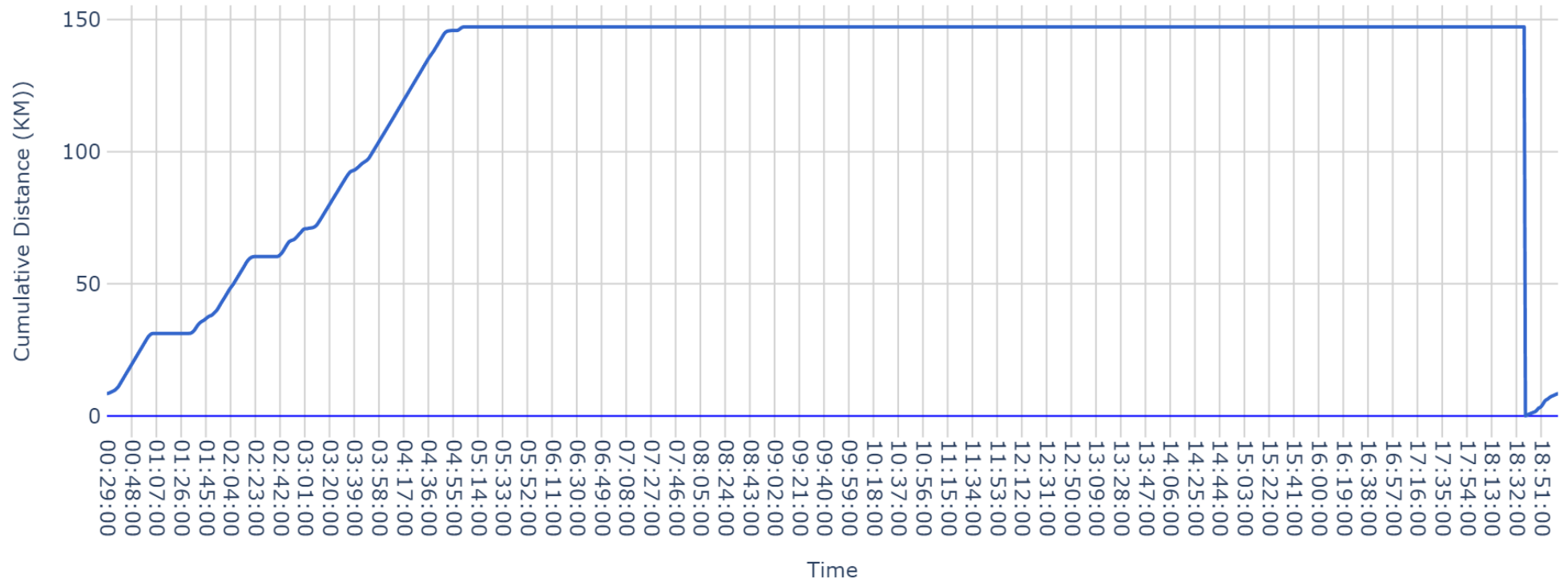
## Report for CMS\_ID: BSR1274 & Loco\_No 31627

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



## Report for CMS\_ID: BSR1274 & Loco\_No 31627

### Cumulative Distance Over Time for CMS\_ID: BSR1274



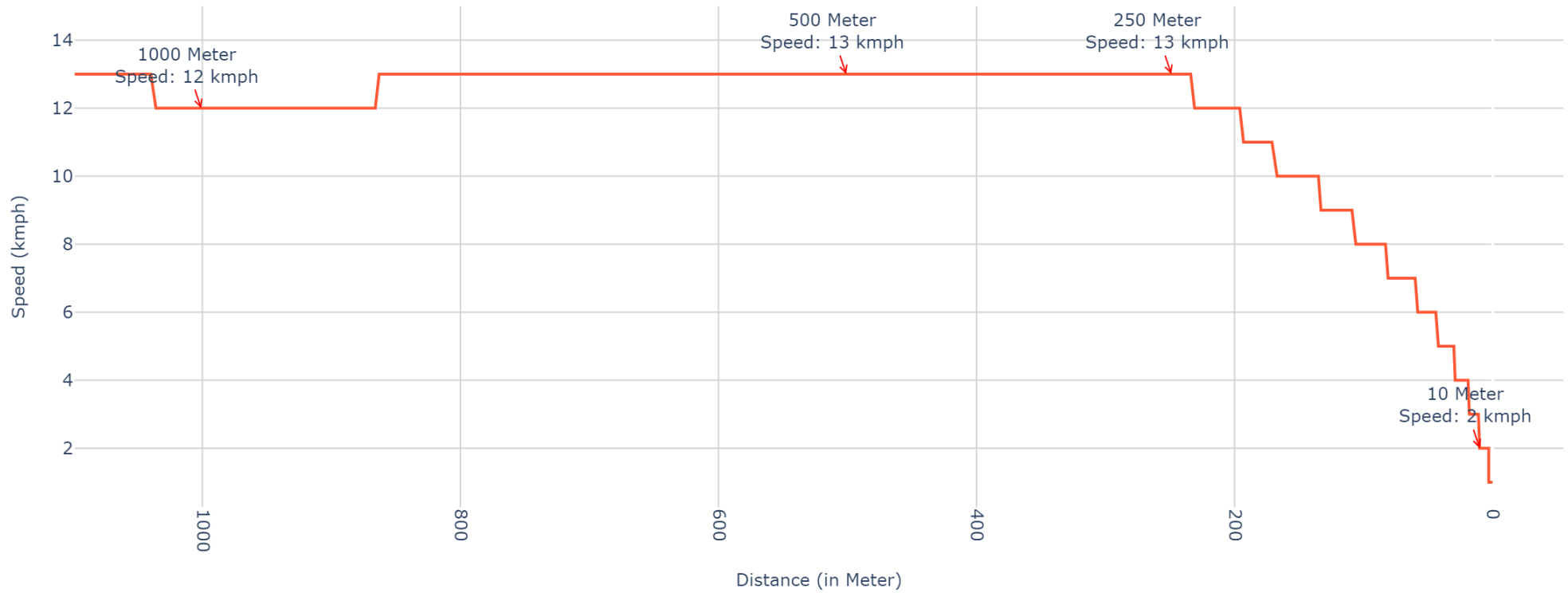


### Run Details Table for CMS\_ID: BSR1274

Run No	Start Time	End Time	Distance (KM)	Top Speed	Speed@1000m	Speed@500m	Speed@350m	Speed@10m
1	18:38:05	19:04:39	8.48	49	12	13	13	2
2	00:29:00	19:04:41	22.77	51	34	26	19	1
3	01:04:54	03:01:41	39.63	51	38	32	22	3
4	03:01:42	04:54:25	75.02	52	32	20	7	2
5	04:54:26	05:03:05	1.36	25	23	23	17	6
6	05:03:05	05:03:05	0.00	0	0	N/A	N/A	N/A

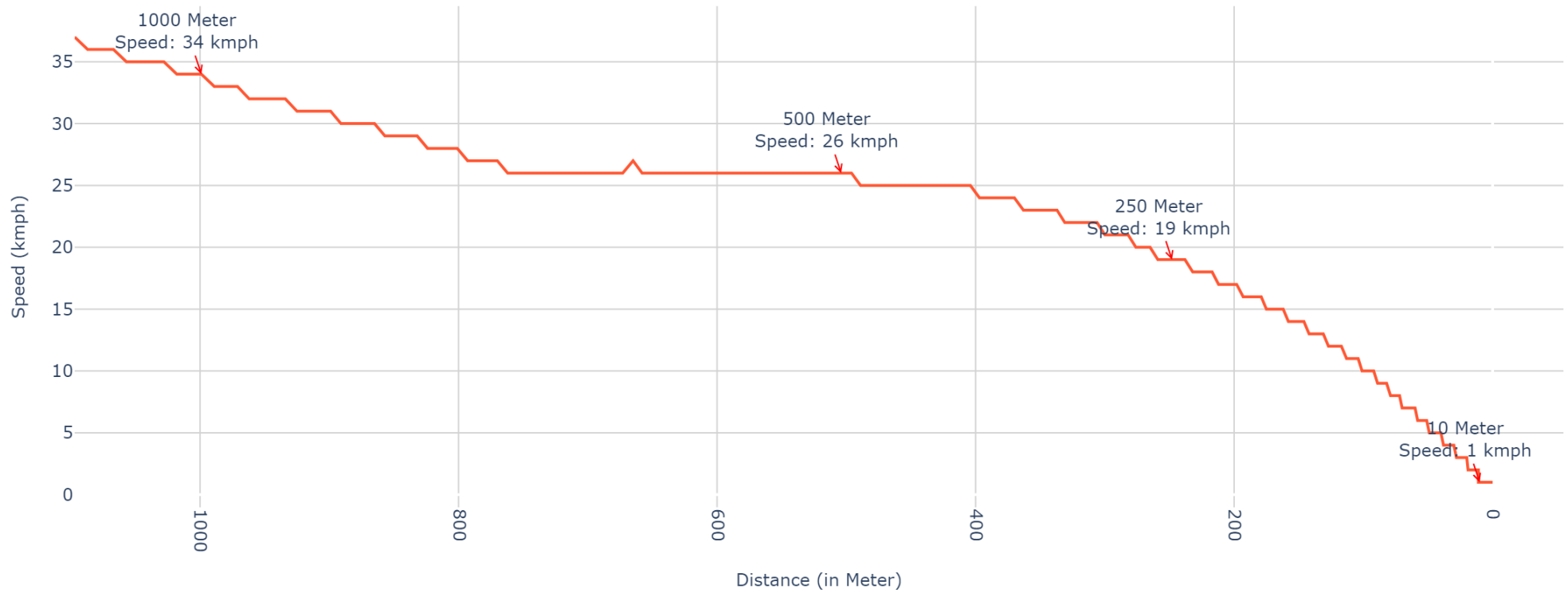
## Braking Pattern of : BSR1274

Braking Pattern Before 1000 meter of Halt- 1 (Max. Speed of Run: 49 kmph)



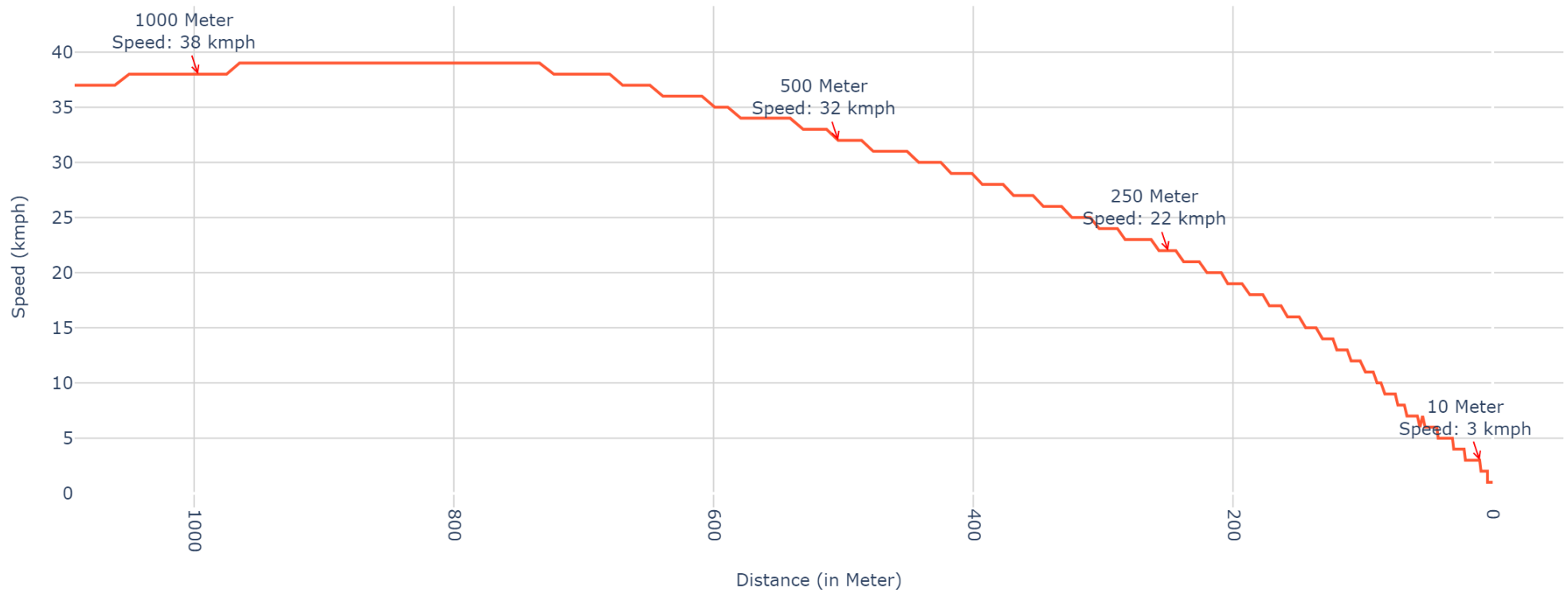
## Braking Pattern of : BSR1274

Braking Pattern Before 1000 meter of Halt- 2 (Max. Speed of Run: 51 kmph)



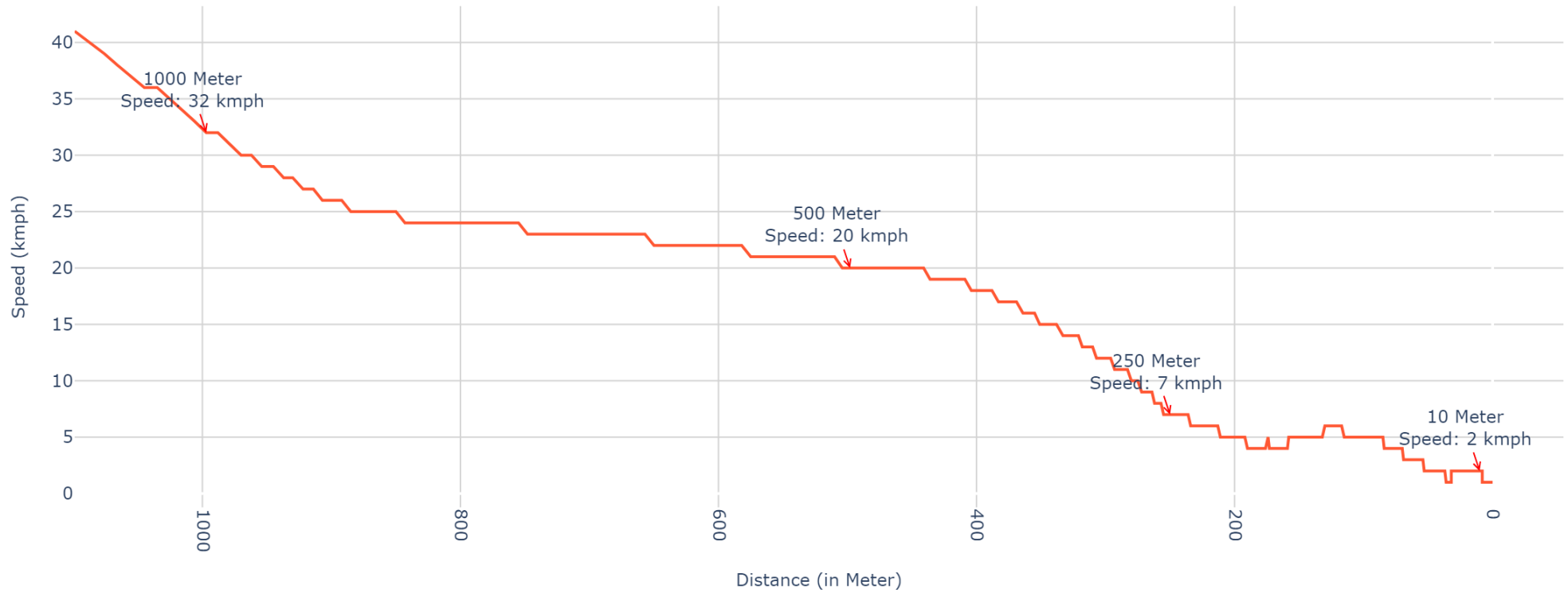
## Braking Pattern of : BSR1274

Braking Pattern Before 1000 meter of Halt- 3 (Max. Speed of Run: 51 kmph)



## Braking Pattern of : BSR1274

Braking Pattern Before 1000 meter of Halt- 4 (Max. Speed of Run: 52 kmph)



## Braking Pattern of : BSR1274

Braking Pattern Before 1000 meter of Halt- 5 (Max. Speed of Run: 25 kmph)

