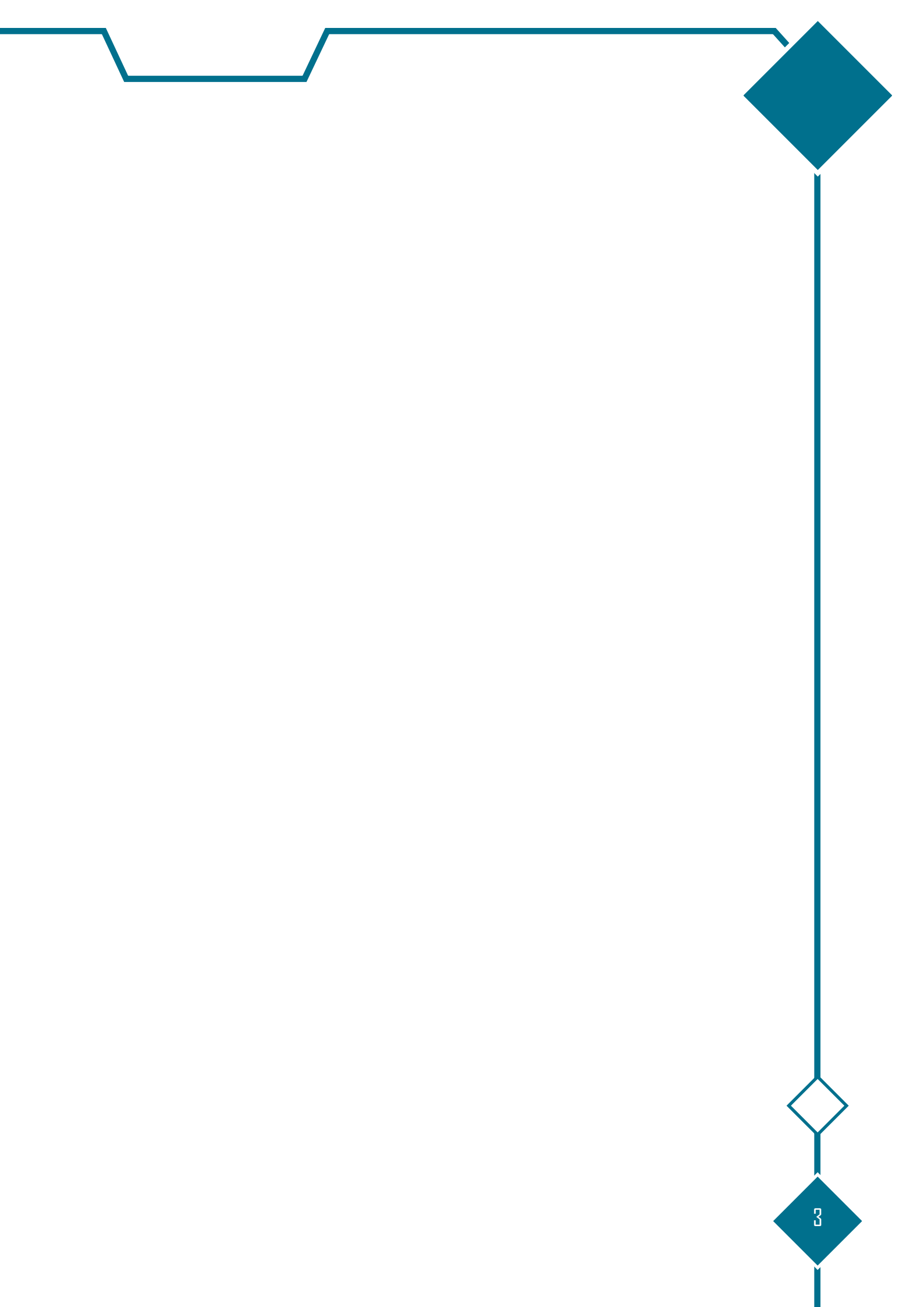


Bulletin of General Information  
Derailment of a SNCB/NMBS passenger train  
Weerde  
28 January 2021

## **REPORT VERSION TABLE**

<u>Version number</u>	<u>Subject of revision</u>	<u>Date</u>
1.0	First version	03/03/2021

*Any use of this report with a different aim than of accident prevention - for example in order to attribute liability - individual or collective blame in particular - would be a complete distortion of the aims of this report, the methods used to assemble it, the selection of facts collected, the nature of questions posed and the ideas organising it, to which the notion of liability is unknown. The conclusions which could be deduced from this would therefore be abusive in the literal sense of the term. In case of contradiction between certain words and terms, it is necessary to refer to the Dutch version.*





# GENERAL INFORMATION

## **Nature of the event:**

Derailment of a passenger train in open track.

## **Type of event and safety investigation:**

Significant accident which, under slightly different circumstances, could have led to a serious accident.

***The safety investigation is on-going.***

## **Date and time of the event:**

28 January 2021 around 6:13 a.m.

## **Place of the event:**

Weerde, Line 27, about 800 metres in advance of Weerde station.

## **Train:**

SNCB/NMBS passenger train E1954 (Charleroi-Zuid – Antwerpen-Centraal) consists of a three-part electric motor car AM08 “Desiro”: 8039 + 8572 + 8581.

Capacity = 280 seats.

15 passengers on board.

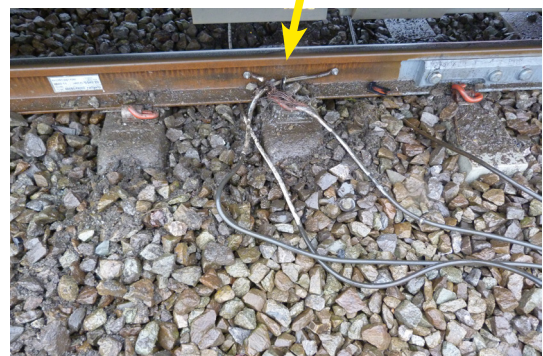
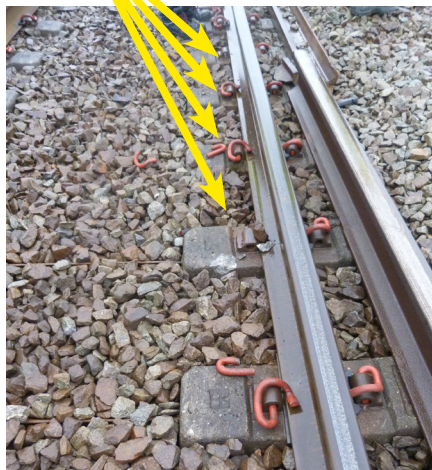
## **Victims:**

There are no victims.

## **Material damages and consequences:**

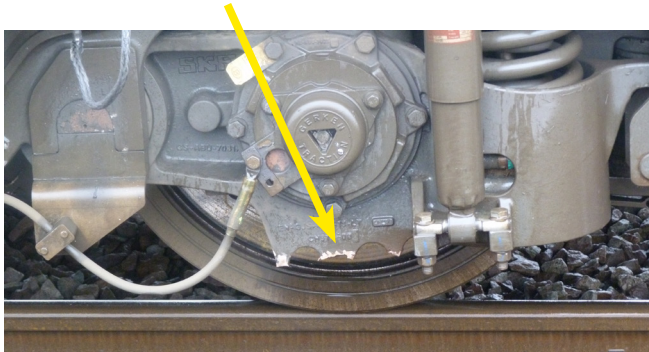
### Track damage

The damage is spread approximately between kilometre markers 17.200 and 17.500 with damage to Pandrol clips, shifted concrete sleepers, and destroyed railway cabling.



### Train damage

There is various impact and abrasion damage to the underside of the 1st bogie of AM8039: including broken parts of the axle bearing guide rod and twisted bolts.



### Train traffic

Tracks A and B of Line 27 remain out of service throughout a whole day and night, causing several trains to be cancelled or delayed.

On 29 January 2021 at 5:56 a.m., both tracks are put back into service.

## FACTS

During the night of 27 to 28 January, clearance works were carried out on line 27, which had been taken out of service. The nights before, the tracks were renewed with the old rails being laid in the six-foot way, and new rails being fixed to the sleepers.

On 28 January, passenger train E1954 (Charleroi-Zuid – Antwerpen-Centraal) stops in Weerde station from where it continues its trip on track A of line 27 towards Mechelen at around 6:12 a.m.

At kilometre marker 17.206 (about 800 metres in advance of Weerde station), the passenger train derails with the second wheelset axle of the first bogie. The first wheelset axle remains on the rails. At 6:13 a.m., the train driver initiates an emergency braking, bringing the front of the train to a standstill at kilometre marker 17.427.

Passenger train E1954 was the first movement to run on track A of line 27.



# INVESTIGATION

Two investigators of the Investigation Unit make their way to the scene of the accident to make initial findings.

The safety investigation into this derailment is ongoing, as well into direct causes, as into indirect, human and organisational factors.





Rail Accident and Incident Investigation Unit  
<http://www.raiiu.be>

