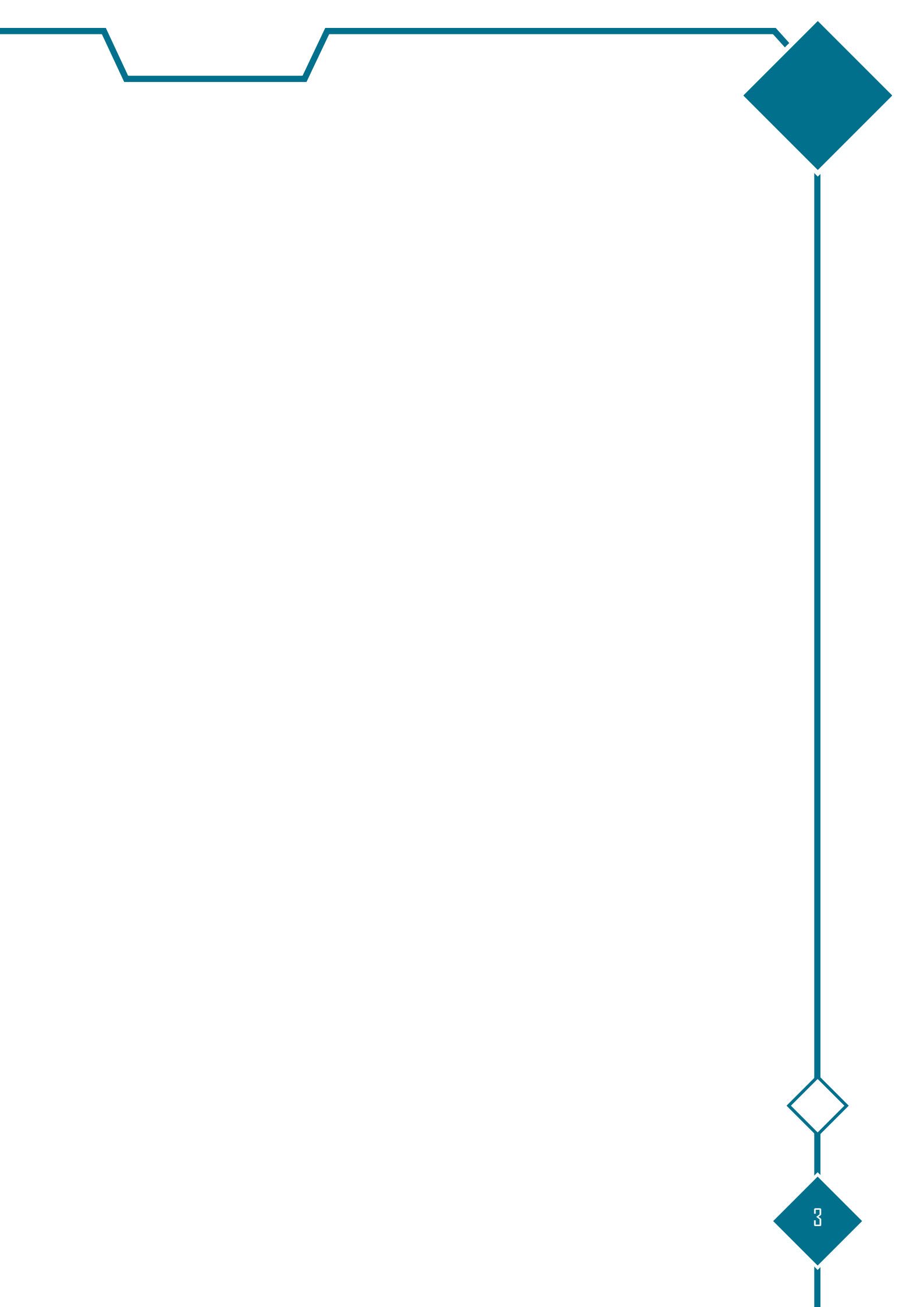


Bulletin of General Information  
Near-collision between an empty passenger train  
and another passenger train  
Denderleeuw  
11 July 2023

## **REPORT VERSION TABLE**

<u>Version number</u>	<u>Subject of revision</u>	<u>Date</u>
1.0	First version	10/08/2023

*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 an empty passenger train followed by a near-collision between this empty passenger train and another passenger train.

## **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:**

11/07/2023 around 8:20 p.m.

## **Place of the event:**

Denderleeuw

- Dead-end track 091
- Line 89 – Track A (at kilometre marker 1.400)

## **Trains:**

- SNCB/NMBS passenger train – E1590, (Schaerbeek – Denderleeuw), shunting movement.
- SNCB/NMBS passenger train – E5141 (Schaerbeek – Kortrijk), 30 passengers on board.

## **Victims:**

There are no victims.

## **Damages and consequences:**

- Infrastructure
  - The buffer stop on dead-end track 091 was completely damaged and needed to be replaced by a new buffer stop.
  - The ballast bed in front of the buffer stop needed to be renewed.
  - The rails on which the buffer stop was attached needed to be renewed.
- Train E1590
  - the automatic coupler,
  - the bogie,
  - the compressor module,
  - the bodywork,
  - the steps at the head of the train (left-hand side),
  - the crash module (left-hand side).

## FACTS

On 11 July at around 8:20 p.m., the empty SNCB/NMBS passenger train E1590 leaves Denderleeuw station to carry out a shunting movement on dead-end track 091. There is a buffer stop at the end of the dead-end track. Train E1590 runs to the end of track 091 and hits the buffer stop after which it derails with one bogie. This bogie derails in the direction of track A of line 89.



At about 8:30 p.m., SNCB/NMBS passenger train E5141 leaves Denderleeuw station. There are about 30 passengers in the train, running on track A of line 89 towards Burst. About one kilometre in advance of Denderleeuw station, at the level of the derailed train E1590, train E5141 hits a piece of the buffer stop and the driver performs an emergency braking. The two stopped trains are only a few centimetres apart.

## INVESTIGATION

As a result of the accident, train services on line 89 were interrupted for more than six hours.

The investigation into the derailment of the empty passenger train followed by a near-collision with another passenger train is ongoing to determine the contributing, organisational and systemic factors that led to the accident.





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

