



## Safety recommendation no. 175

<b>Date of the publication</b>	06.12.2022
<b>Number of the final report</b>	2022060202
<b>Safety deficit</b>	<p>On 2 June 2022 at 11.36 am, in Zollikofen station, a locomotive train collided with the rear of a freight train comprising special vehicles for track construction work. This freight train was about to depart. The front locomotive of the locomotive train came to a stop on the low-floor wagon located at the rear of the freight train. The driver of the locomotive train sustained minor injuries.</p> <p>The locomotive train collided with a stationary freight train about to depart Zollikofen station on 2 June 2022 because the locomotive train had passed a stop signal. The driver expected the next signal to be the exit stop signal. He did not notice the signal layout between the entry and exit signals.</p> <p>Factors contributing to the accident:</p> <ul style="list-style-type: none"><li>• The incorrect configuration of the ZUB 262ct by the maintenance team during maintenance work was not detected. This led to a failure of the train control system on the lead locomotive of the locomotive train.</li><li>• The focus was on continuing the train's journey, not on the repairs conducted by the maintenance services – for which reason the train control system had been deactivated.</li><li>• The journey was made without a second driver.</li></ul> <p>Reports on train control system failures are not systematically evaluated. At the time of the event, it was not known about how long locomotives operate without train control, why system failures occur and whether the statutory requirements for substitute measures were met.</p>
<b>Safety recommendation</b>	As part of its supervisory activities, the Federal Office of Transport should check whether the infrastructure managers and railway undertakings systematically document train control failures and draw conclusions from the reports received.
<b>Addressees</b>	Bundesamt für Verkehr
<b>Stage of the implementation</b>	Partially implemented. Safety Recommendation No 175 is implemented in the safety monitoring audits.
<b>Investigation report concerning the safety recommendation</b>	<a href="#">Vorbericht</a> <a href="#">Schlussbericht</a>