



## Safety recommendation no. 111

<b>Date of the publication</b>	02.03.2017
<b>Number of the final report</b>	2014081301
<b>Safety deficit</b>	<p>On 13 August 2014 at 12:18, the Rhaetian Railway train RE 1136 St. Moritz – Chur was hit by a landslide between Tiefencastel and Thusis and derailed. A carriage crashed about 20 m down a steep slope into trees. Of the approximately 150 passengers, eight were severely injured and eight were slightly injured. Nine days after the accident, one seriously injured person died of their injuries. There was considerable damage to infrastructure and rolling stock.</p> <p>Parts of the ceiling panelling landed on the floor of the passenger compartment. A ceiling panel is made of aluminium, parts of it have sharp edges, and it weighs about 6 kg. The ceiling panels are fastened to the carriage ceiling with snap-action catches. In the event of a train accident such as collision or derailment these ceiling panels can easily become dislodged from their holders and fall into the passenger space, resulting in injury to any individuals.</p>
<b>Safety recommendation</b>	The FOT should check guidelines for securing interior panels of train carriages and amend them, where necessary, so that these panels cannot come loose in the event of severe shaking.
<b>Addressees</b>	Bundesamt für Verkehr
<b>Stage of the implementation</b>	Implemented: As part of the revision of the AB-EBV, the Federal Office of Transport (FOT) has checked and established that the specifications for the fastening of components and add-on parts are contained in the SN EN 12663-1 standard and apply in passenger compartment as well.
<b>Investigation report concerning the safety recommendation</b>	<u>Schlussbericht</u>