

SAFETY ALERT	
Subject	Rolling stock bogies type Y25Cs produced by ARAD Romania
Equipment	Crack of the bogie frame type Y25Cs which was installed on a coal wagon type 412We, manufactured in 2008 by Przedsiębiorstwo Usług Taboru Kolejowego PTK TABKOL S.A. in Rybnik. Bogies of old origin were installed in the wagon, which were built in 1970's and 1980's.
Description	<p>On 6/02/2020 at 0:54 during the passage of a train TME 544018 of CTL Logistics sp. z o.o. from Gdynia Port GPA to Zawiercie GT, the device to detect failure states in rolling stock (DSAT) located on the rail route Górki - Subkowy in 489.760 km in track no 2 sent a message "GML OSTR" (hot Axleboxes) concerning 7<sup>th</sup> axle when counting from front end of the train and 152<sup>th</sup> axle when counting from rear end of the train. The warning related to 4-axle freight wagon (coal wagon) series Eaos, EVN number 33 56 534 8029-3 loaded with fine coal. The train was pulled with locomotive type E182-143, railway undertaking CTL Logistics sp. z o.o. The train was stopped in Pelplin station.</p> <p>After inspection by rolling stock inspector wagon was taken out from the train because of the crack on the torsion beam of the bogie frame. As a result of a subsequently conducted expertise welding non-compliances in the bogie were detected: lack of complete weld penetration and adherence on thickness ranging from on average 50 % of cross-section of not destructed welded joint up to 70 % of cross-section of defected welded joint of the lower belt of torsion beam.</p> <p>The Bogie type Y25Cs produced by ARAD Romania with construction changes. A characteristic recognizable point of the bogie are the sleeves located on both frame ends. See also attached photos for details.</p>
Recommendation	It is recommended to carry out additional inspections for cracks in the welded joints of the lower torsion beam of the Y25Cs bogies. In case of any irregularities, the responsible entity in charge of maintenance (ECM) should be notified immediately and the bogie should be repaired.
Country/ Kraj	Poland
Issuer/ Zgłaszający	NSA
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