



**OTIF/RID/CE/GTDD/2015/4**

20 May 2015

(English only)

**RID:**       **3<sup>rd</sup> Session of the RID Committee of Experts' working group on derailment detection**  
(Berne, 27 and 28 May 2015)

**Subject:**   **Costs relating to mechanical derailment detectors**

#### **Information from UIP**

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1. The cost of mounting DDD on wagons differs depending on the country, the workshops and the method used to mount the DDD. The two DDD are mounted on a console at both sides of the wagons, and they are connected to the air brake pipe using steel pipes or flexible hoses. Invoices from one keeper for both methods of mounting DDD in western European workshops showed a price range of between 300 € and 1150 €. Taking into account the different price levels in European countries, an average of 400 to 700 € per wagon can be expected.
2. Knorr's target maintenance price per DDD is below 300 €. According to Knorr's current guidelines, the maintenance period is 8 years, but 12 years is considered possible, although this will depend on further experience to be gained in terms of maintenance. For tank-wagons that are currently serviced every 4 years, DDD must be serviced after 8 years (average cost for two DDD per wagon is 75 € per year). For non-RID freight wagons that are serviced every 6 years, DDD must also be serviced after 6 years (100 € per year).