



OTIF/RID/CE/GTDD/2014/2

2 October 2014

(English only)

RID: 1st Session of the RID Committee of Experts' working group on derailment detection
(Rome, 13-15 October 2014)

Subject: Derailment detection device (DDD) – background information

Transmitted by the Netherlands

EU Council Decision of 6 May 2014

<http://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:32014D0327&from=EN>

Discussion on derailment detection device (DDD) in RID meetings

List of reports of RID meetings 2002-2014, including hyperlinks to documents discussed in the RID meetings

Note by the Secretariat: The excerpts of the reports listed below are reproduced in document OTIF/RID/CE/GTDD/2014/1.

Meeting	Date	Report references
RID WG Tank and Vehicle Technology Report: (no hyperlink available) Other document(s):	5-6 September 2002 (Bonn)	A 81-03/508.2002 Paragraphs 73, 74, 79-83, 89, 90
RID Committee of Experts Report: (no hyperlink available) Other document(s):	18-21 November 2002 (Berne)	A 81-03/501.2003 Paragraphs 117-132

For reasons of cost, only a limited number of copies of this document have been made. Delegates are asked to bring their own copies of documents to meetings. OTIF only has a small number of copies available.

RID WG Tank and Vehicle Technology	11-12 September 2003 (Berne)	A 81-03/509.2003 Paragraphs 11-14
Report: http://www.otif.ch/otif/epdf/A_81-03_509_2003_E.pdf Other document(s): -		
RID Committee of Experts	17-21 November 2003 (Sinaia)	A 81-03/501.2004 Paragraphs 12-16
Report: http://www.otif.ch/otif/epdf/A_81-03_501_2004_E.pdf Other document(s): http://www.otif.ch/otif/epdf/CE-40_7b_E.pdf		
RID WG Tank and Vehicle Technology	24-25 June 2004 (Duis- burg-Wedau)	A 81-03/507.2004 Paragraphs 10-17, 48- 50
Report: (no hyperlink available) Other document(s): http://www.otif.ch/otif/epdf/06_04_INF_CH_2_E.pdf		
RID Committee of Experts	15-18 November 2004 (Meiningen)	A 81-03/511.2004 Paragraphs 8-15
Report: http://www.otif.ch/otif/epdf/A_81-03_511_2004_E.pdf Other document(s): http://www.otif.ch/otif/epdf/11_04_CE-41_4c_E.pdf		
RID WG Tank and Vehicle Technology	21-22 April 2005 (Bonn)	A 81-03/503.2005 Paragraphs 5-7, 23
Report: http://www.otif.ch/otif/epdf/A_81-03_503_2005_E.pdf Other document(s): http://www.otif.ch/otif/epdf/04_2005_gt_tcv_INF_CH_2_E.pdf http://www.otif.ch/otif/dpdf/04_2005_gt_tcv_INF_UIC_1_D.pdf		
RID WG Tank and Vehicle Technology	6-7 April 2006 (London)	A 81-03/504.2006 Paragraphs 5-8
Report: http://www.otif.ch/otif/epdf/dir_rid_2006/A_81-03_504_2006_E.pdf Other document(s): http://www.otif.ch/otif/epdf/04_2006_gt_tcv_INF_CH_1_E.pdf http://www.otif.ch/otif/epdf/04_2006_gt_tcv_INF_D_1_E.pdf		
RID Committee of Experts	2-5 October 2006 (Hel- sinki)	OTIF/RID/CE/2006-A Paragraph 5
Report: http://www.otif.ch/otif/epdf/dir_rid_2006/CE_43_2006-A_E.pdf Other document(s): -		
RID WG Tank and Vehicle Technology	14-15 June 2007 (Mu- nich)	OTIF/RID/CE/GT/2007 -A Paragraphs 5-16
Report: http://www.otif.org/otif/epdf/dir_rid_2007/CE_GT_2007-A_E.pdf Other document(s): http://www.otif.org/otif/epdf/dir_rid_2007/CE_GT_2007-1_E.pdf		
RID WG Tank and Vehicle Technology	12 October 2007 (Berlin)	OTIF/RID/CE/GT/2007 -B Paragraphs 1-11
Report: http://www.otif.org/otif/epdf/dir_rid_2007/CE_GT_2007-B_E.pdf http://www.otif.org/otif/dpdf/dir_rid_2007/CE_GT_2007-BEntgleisungsversuche-Versuchsdurchfuehrung_071012-2.pdf Other document(s): http://www.otif.org/otif/epdf/dir_rid_2007/CE_2007-D_Entwurf_E.pdf		
RID Committee of Experts	19-23 November 2007 (Zagreb)	OTIF/RID/CE/2007-A Paragraphs 88-105, 117
Report: http://www.otif.org/otif/epdf/dir_rid_2008/CE_2007-A_E.pdf Other document(s): http://www.otif.org/otif/epdf/dir_rid_2007/CE_2007-17_E.pdf http://www.otif.org/otif/epdf/dir_rid_2007/CE_2007_INF_02_E.pdf http://www.otif.org/otif/epdf/dir_rid_2007/CE_2007_INF_06_E.pdf		

RID WG Tank and Vehicle Technology	11-12 June 2009 (Brussels)	OTIF/RID/CE/GT/2009-A Paragraphs 5-10
Report: http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/03_arb_gr_tank/01_2009_gt_tcv/CE_GT_2009-A_E.pdf		
Other document(s): http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/03_arb_gr_tank/01_2009_gt_tcv/CE_GT_2009_INF_03_E.pdf		
RID Committee of Experts	16-20 November 2009 (Sofia)	OTIF/RID/CE/2009-A Paragraphs 112-117
Report: http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach/02_2009/CE_2009-A_E.pdf		
Other document(s): http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/03_arb_gr_tank/01_2009_gt_tcv/CE_GT_2009_INF_03_E.pdf http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach/02_2009/CE_2009_INF_09_E.pdf		
RID WG Tank and Vehicle Technology	18-19 May 2010 (Berne)	OTIF/RID/CE/GT/2010-A Paragraphs 5-11
Report: http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/03_arb_gr_tank/01_2010_gt_tcv/CE_GT_2010-A_E.pdf		
Other document(s): -		
RID Committee of Experts	2-4 November 2010 (Luxembourg)	OTIF/RID/CE/2010-B Paragraphs 42-46
Report: http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach/02_2010/CE_2010-B_E.pdf		
Other document(s): http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach/02_2010/CE_49_2010-INF_02_E.pdf		
RID WG Tank and Vehicle Technology	6-7 October 2011 (Hamburg)	OTIF/RID/CE/GT/2011-A Paragraphs 5-16
Report: http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/03_arb_gr_tank/01_2011_gt_tcv/CE_GT_2011-A_E.pdf		
Other document(s): -		
RID Committee of Experts	21-25 November 2011 (Malmö)	OTIF/RID/CE/2011-A Paragraphs 59,60, 62
Report: http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach/02_2011/CE_2011-A_E.pdf		
Other document(s): http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach/02_2011/CE_2011_INF_12_E.pdf		
RID WG Tank and Vehicle Technology	11-12 April 2012 (Rome)	OTIF/RID/CE/GT/2012-A Paragraphs 5-18, 20

Report: http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/03_arb_gr_tank/01_2012_gt_tcv/CE_GT_2012-A_E.pdf		
Other document(s): http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/03_arb_gr_tank/01_2012_gt_tcv/CE_GT_2012-INF_06_E.pdf http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/03_arb_gr_tank/01_2012_gt_tcv/CE_GT_2012-INF_03_E.pdf http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/03_arb_gr_tank/01_2012_gt_tcv/CE_GT_2012-INF_05_E.pdf		
RID Committee of Experts	30-31 May 2012 (Berne)	OTIF/RID/CE/2012-A Paragraphs 10-17
Report: http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach/02_2012/CE_2012-A_E.pdf		
Other document(s): http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach/02_2012/CE_2012-INF_15_E.pdf http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach/02_2012/CE_2012-INF_17_E.pdf http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach/02_2012/CE_2012-INF_18_E.pdf		
RID Standing WG	18-22 November 2013 (Copenhagen)	OTIF/RID/CE/GTP/2013-A Paragraphs 97-107
Report: http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach_01_gt_p/021_2013/CE_GTP_2013-A_E.pdf		
Other document(s): http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach_01_gt_p/021_2013/CE_GTP_2013-INF_15_E.pdf		
RID Standing WG	20-21 May 2014 (Berne)	OTIF/RID/CE/2014-A Paragraphs 20-27
Report: http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach_01_gt_p/021_2014/CE_GTP_2014-A_E.pdf		
Other document(s): http://www.otif.org/fileadmin/user_upload/otif_verlinkte_files/05_gef_guet/02_RID_fach_01_gt_p/021_2014/CE_GTP_2014-01_E.pdf		

References on ERA website to subject of freight train derailments

<http://www.era.europa.eu/Core-Activities/Safety/International-Relations/Pages/Freight-train-derailments.aspx>

Since 2007 the Agency has undertaken a series of activities aiming at reducing the impacts of freight train derailments in the EU Railway system.

Method: These activities are organized in a framework program consisting to target potential improvement measures at short, medium and longer terms, as follows:

<p><i>Finalized</i></p> <ul style="list-style-type: none"> • Impact Assessment on the use of automatic braking triggered by derailment detectors of EDT101 type • Recommendation on the use of automatic braking triggered by derailment detectors of EDT101 type, • Final report of the Task Force on freight wagon maintenance
<p><i>On-going</i></p> <ul style="list-style-type: none"> • Study appointed by the Agency to Det Norske Veritas Ltd, • Impact Assessment of measures for reducing risks of freight train derailments at short and medium term, • Recommendation on Cost effective measures for reducing risks of freight train derailments at short and medium term, • DG RTD call on 'Reducing the occurrence and impacts of freight train derailments'
<p><i>Future</i></p> <ul style="list-style-type: none"> • Research project on 'Reducing the occurrence and impacts of freight train derailments' (depending on the result of the call mentioned above), • Safety Strategy Platform – Freight focus group

Publication date	Title
29-05-2012	51st session of RIDCE - derailment detectors
24-04-2012	Agency Final Report on Freight Train Derailments
10-10-2011	Introduction to the D-RAIL project
20-09-2011	Study on freight train derailments by Det Norske Veritas
20-09-2011	Workshop on freight train derailment 6 May 2011
20-09-2011	Workshop on freight train derailment 29 September 2011
09-08-2011	Invitation to a Workshop on Freight train derailments in Lille
11-05-2009	Recommendation on derailment detection device
07-05-2009	Impact assessment on the use of derailment detection devices in the EU railway system

Research project of the EU 7th framework programme

<http://d-rail-project.eu/>