Government of India
Ministry of Railways
(Railway Board)

F.No. 2014/Safety(DM)/19/2 New Delhi, Dt 10.12.2014

Chief Safety Officers
All Indian Railways

Sub:- Derailment of BLC wagons over 8½ turnouts.

Ref:- 1. CSO/NR letter No.DMS/DLI/3/8/14 dated 11.09.2014.
2. RDSO letter No.MW/CONTR/ISO/BG FLAT dated 14.09.2012

Vide letter under reference, CSO/NR has indicated that in an Inquiry report of a derailment of BLC wagons over 8½ turnout, a reference was made to a study report by professor of IRICEN/Pune, which points out to the derailment proneness of the BLC wagons while negotiating curves.

On a similar observation of some Zonal Railways, RDSO has studied the problem and advised that BLC wagons exhibits stable running characteristics on station yards as indicated in oscillation trail report MT-94 of August-1997 and simulation studies.

RDSO vide reference (2) has circulated a proforma to study BLC wagons derailments over 8½ turnouts (Copy enclosed). To have a meaningful analysis, it is requested to forward the relevant details as per proforma of all the cases of BLC derailments over 8½ turnouts in the last five years to Board.

It is also requested to circulate the proforma to all concerned with a advise to record the relevant details in case of a derailment of BLC wagons in future.

Encl: Two pages

P. Srinivas 10/12
(P.Srinivas)
Director (Safety-III)

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सत्यमेव जयते

भारत सरकार – रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ – 226011
Government of India - Ministry of Railways
Research Designs & Standards Organisation
Lucknow – 226011

No. MW/CONTR/ISO/BG Flat

Dated 14.09.2012

सीआरएसई (एफ एण्ड ओ)
पश्चिम रेलवे,
चर्चगेट,
मुम्बई–400020

Sub: Derailment of BLCB wagons with slackless draw bar.
Ref: (i) EDME (Freight), Rly Board's letter No. 2007/M(N)/951/2 dated 03.09.2012.
(ii) GM/WR DO letter No. M.116/29/30 dated 03.08.2012 to Member Mechanical, Railway Board.

This Office is in receipt of the Railway Board letter under Ref.(i) above enclosing Western Railway's DO under Ref (ii) to Member Mechanical Railway Board. RDSO is seized of the matter and as a preliminary data collection exercise, Western Railway is requested to compile the data in relation to the referred BLC derailments in Ref.(ii). as advised in the proforma enclosed in the Annexure to this Letter, and send the same by return at the earliest.

An early action in this regard is solicited.

संलग्नक: उपरोक्तानुसार

(विशाल कपूर)
कृते महा निदेशक / माल डिब्बा

प्रतिलिपि:–

ईडीएमई (फ्रेट), रेलवे बोर्ड, रेल भवन, नई दिल्ली–110 001 को सूचनार्थ प्रेषित ।

Detailed proforma for BLC Derailments only on 1 in 8 1/2 Turnouts

Sl No	Date of Derailment	Site Details				Track Related parameters				Load disposition on the derailed Wagons (Number of Columns may be increased depending upon the number of Wagons derailed)						Mention Rolling Stock Defects Noted in all Derailed Wagons. (No of Columns may be increased depending on number of Wagons derailed)		Responsibility fixing as per Railway Enquiry report (Rolling Stock/ Pway		Last ROH/POH details	
		Station & Division	Point No	No of Derailments of any Rolling Stock at this Point in the preceding three years prior to this derailment	Speed recorded at the time of derailment	Abridged Sketch showing disposition of Derailed Wagons as per Derailment site sketch (Direction of movement shall be arrow marked)	Whether a case of Derailment with Gauge Widening(Yes/No)	Whether clear point of moments and Drops were observed (Yes/No). If Yes, details should be shown in the Sketch in Column 5	Whether Track Parameter is were found out of Service limits (Yes/No)	If the entries in previous Column is Yes, mention the parameter found out of Service limits	Wagon 1				Similar details for Wagon 2	Similar Details for Wagon 3	Wagon 1	Similar details for Wagon2	Primary	Secondary		
											Empty / Loaded	If Loaded, the Load of each loaded Container in Tonnes									Shop	Date
												2 Nos of 20 Ft		1 No of 40 Ft	1 No 20 Ft								
												Weight of Container 1	Weight of Container 2	Weight of Container	Weight of Container								

Note : In the Sketch, the BLC 'A' and 'B' wagons shall be marked clearly

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