No.2012/M(N)/951/24

New Delhi, dated 1.4.2014

The Chief Mechanical Engineers
All Indian Railways except SR

Sub: Innovations and system improvements in Indian Railways

CME/SR through his MCDO for the month of February, 2014 has informed about the following innovations/system improvements on the freight side:

- Device for changing centre pivot in wagons

The same is enclosed for your kind information.

(Gaurav Puri)
Deputy Director, M(N)

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A. **Highlights**

a) **Workshop on contract management**

A Workshop on “Contract Management” was organised at Diesel Traction Training Centre/ Goldenrock on 27-2-2014 and 28-2-2014. Twenty participants from various divisions, workshops, headquarters and training centre participated in the programme. Experienced officers from Civil Engineering and Finance Departments were invited as guest faculty. All participants indicated that this course was an eye opener in several aspects related to tenders and contracts and found it beneficial to them.

B. **Innovations and system improvement**

a) **Development of full scale working model of Non-AC and AC coach emergency window arrangement by Goldenrock Workshop.**

To improve the knowledge of the field staff in operating the Emergency windows in coaches, a full scale working model of Emergency window for AC & Non-AC type was developed by Goldenrock Workshop. This is now being effectively used by ZRTI/TPJ for training Guards, Train examiners, operating and other field staff.
4. Device for changing centre pivot in wagons - Palghat Division.

Changing of centre pivot in wagons leads to severe fatigue to the staff. A device for fixing centre pivot top for BCN / BOXN wagons was manufactured at MAJN Depot of Palghat Division. This device is manufactured with released materials and hence incurred no cost. Use of this gadget has made the job of changing centre pivot in wagons easier.

C. Safety

No consequential accident or indicative accident has been reported during the month with responsibility on Mechanical Branch.

With regards

Yours sincerely,

( R. KUPPAN )

Encl: 4 sheets.

Sri Alok Johri,
Member Mechanical,
Railway Board, New Delhi – 110 001.