

भारत सरकार/GOVERNMENT OF INDIA

रेल मंत्रालय /MINISTRY OF RAILWAYS

रेलवे बोर्ड/(RAILWAY BOARD)

No. 2018/M(N)/60/8

New Delhi, Dated: 04.10.2019

Principal Chief Mechanical Engineers  
All Zonal Railways

**Sub: Upgradation of BCN, BOXN, BOBRN and BOBSN family to M1 series in Indian Railway Wagon Management System (IRMWS)**

Ref : Board letter No. 2005/M(N)/204/2/Vol.II Dated 29.09.2010 & 30.11.2010  
(copy enclosed)

Vide above referred letters it was advised that completion of upgradation of the entire fleet of BCN/BOXN family of wagons to M1 series would be completed by 30.10.2010. During the CME's Conference held at Jamalpur on Oct 24-25.10.2010, Railways had generally confirmed that the modification has been completed.

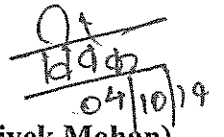
During a review of IRWMS, it was observed that wagon holding has been maintained as BCN, BOXN, BOBRN and BOBSN family even after these wagons have been modified to M1 Series.

Accordingly, following types of wagons have been modified in IRWMS :

BCN to BCNM1	BOXNHS to BOXNHSM1
BCNHS to BCNHSM1	BOBR to BOBRM1
BCNA to BCNAM1	BOBRN to BOBRNM1
BCNAHS to BCNAHSM1	BOBRNHS to BOBRNHSM1
BOXN to BOXNM1	BOBSN to BOBSNM1

ZRs are requested to update wagon type as above and ensure painting of correct wagon type, owner & wagon numbers on wagons before dispatch from Sick Line/ ROH/POH.

DA: As above

  
(Vivek Mohan)

Director Mech. Engg. (Freight)  
Railway Board

Copy for kind information to:

1. ED/Coal, Railway Board
2. GM/FMM/CRIS
3. GM/Rfid/CRIS
4. ED/CAMTECH, Gwalior
5. CAO,FOIS
6. DME/C&IS, Railway Board
7. Director/ NCO, Railway Board

GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
(RAILWAY BOARD)

No.2005/M(N)/204/2/Vol.II

Dt. 29/9/10

Chief Mech. Engineers,  
Chief Operating Manager,  
All Indian Railways


**SUB: Upgradation of BCN/BCNA/BOXN/BOXNHS/BCNAHS to M1 series**  
**REF: Board's letter of even number dt. 6/1/2009 and 14/7/2009**

A recent survey carried out at major wagon depots of different railways indicate that the upgradation of BOXN/BCN family of wagons into M1 series of corresponding type by provision of additional suspension springs is not yet complete. As a consequence, upgraded and non upgraded wagons are running on same rakes which is creating operational inefficiencies on account of difference in speed fitnesses.

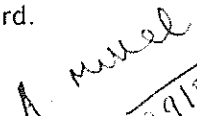
2. A one month long drive may please be launched w.e.f. 1/10/10 to bring the process of upgradation to a conclusion and enable realization of the operation and commercial benefits. The following steps may kindly be taken in this drive:

- 1) All balance BOXN/BCN/BCNA type wagons should be upgraded to M1 series during train examination. Adequate spare springs should be made available in yards for this purpose. Extra examination time, as necessary, may be permitted for this purpose.
- 2) All modified wagons should be marked as per RDSO's marking diagram to indicate conversion to M1 type. No wagon should be permitted to run with mismatched bogies i.e. one bogie upgraded and the other non-upgraded under any circumstances.
- 3) All BCNAHS and BOXNHS wagons should be compulsorily detached at examination yards with attached sick line/ROH depots and upgraded to respective M1 series.
- 4) No wagon should be turned out from POH/ROH without upgradation under any circumstances.
- 5) Adequate availability of springs at open line depots and workshops should be ensured by taking emergent procurement action wherever required.

3. It is requested that completion of upgradation on the entire fleet of BCN/BOXN family of wagons to M1 series may kindly be completed by 30/10/10 and confirmed to the Board.

  
29/9/10

(RINKESH ROY)  
Director Traffic Transportation(G)  
Railway Board

  
29/09/10

(ARCHANA MITTAL)  
Director Mech. Engg.(Fr.)  
Railway Board

Copy to:

COSs All Indian Railways  
Adv./TT(M), Adv.(RS) & DTT(M), Railway Board

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भारत सरकार GOVERNMENT OF INDIA  
रेल मंत्रालय MINISTRY OF RAILWAYS  
रेलवे बोर्ड RAILWAY BOARD

2005/M(N)/204/2 Vol.II

New Delhi, dated, 30.11.2010

Chief Mechanical Engineers  
Zonal Railways

**1. Completion of M1 Modification of BCN Family of Wagons for Higher Speed Operation**

discussed during the CME's Conference held at Jamalpur on October 24-25, 2010, it is decided to achieve uniform speed potential of 75 kmph for BCN, BCNA, BCNAHS and BCNHS at CC+6+2 loading by completing M1 modification for all these wagons. This would contribute to a considerable increase in throughput and provide operational flexibility.

The Railway Board's letter No. 2005/M(N)/204/2 Vol.II dated 29.09.2010, Railways were directed to complete the M1 modification of all BCN, BCNA, BCNAHS and BCNHS wagons, which has been going on for quite some time. The target date for completion of modification of entire fleet of BCN family of wagons to M1 series was fixed as 30.10.2010. During the CMEs' Conference held at Jamalpur on October 24-25, 2010, Railways generally confirmed that the modification has been completed.

Following action may be taken immediately to enable operation of all covered wagons BCNM1, BCNAM1, BCNHSM1 and BCNAHSM1 at enhanced speed:

It must be ensured that no unmodified wagon is permitted to run on line after 01.01.2011. Any wagon found unmodified during examination should be withdrawn from service and modified in open line.

CRS sanctions for running at sanctioned speeds according to RDSO's Speed Certificates should be ensured by the Zonal Railways, if not already available. The details of Speed Certificates issued by RDSO and Railway Board's sanctions for the upgraded BCN type wagons are as per the following table:

Wagon	Speed Certificate	Board's sanction
BCNM1	MW/SPD/BG/BCNM1/(IR) (Revised) dt. 10.6.08 and amendment No.1 dt. 18.8.09	No.2009/CEDO/SR/43 dt. 23.10.09
BCNAM1	MW/SPD/BG/BCNAM1/(IR) (Revised) dt. 10.6.08 and amendment No.1 dt. 18.8.09	No.2009/CEDO/SR/44 dt. 23.10.2009

	dated 24.09.2010	<i>be taken by Northern Railway</i>
BCNAHSM1	MW/SPD/BG/BCNAHSM1 / (IR) (Revised) dt. 10.6.08 and amendment No.1 dt. 18.8.09	No.2009/CEDO/SR/40 dt. 17.11.2009

3. Sample checks may be conducted by RDSO at major examination points to confirm compliance and status should be advised to Board by December 20, 2010.

(Ravinder Gupta)  
Exec. Dir. Mech. Engg. (Ftt.)

Copy to: Adv.TT/M  
COMs,/ Zonal Railways  
EDS(W)/RDSO } for information and necessary action please

*P. Issue*  
*md*  
*01/12/10*

