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1. Title: Quarterly Notification No. 348 Period: 01st July 2022 to 30th Sep. 2022

(CONSTRUCTION DRGS, PART DRGS, AND SPECIFICATIONS)

S. No.	Date of Amendment	Page No.	Version	Reason for Amendment
1	Nil	NA	0	First issue

Approved by	Director/Wagon
Signature	

1.0 Quarterly Notification No. 348 Period: 01st July 2022 to 30th Sep. 2022**Alteration or New Addition in Construction Drawings:**

S. No	Drawing no.	Wagon	Description	Latest ALT. NO.	Previous Alt. No.	Issuing letter No. & dt./ Remark
1.	WD-08054-S-01	BOXNLWM1	MMD ID revised as per latest IRSOD.	05	04	-
2.	WD-91071-S-01	BOBRN series	Note no. 1 deleted & note serial no. revised.	16	15	-
3	WD- 10021-S-03	BCFC	Data table revised against change of tare wt. to 23.2t	01	Nil	-
	WD- 10021-S-04		Brake percentage revised against change of tare wt. to 23.2 t	01	Nil	-
	WD-07054-S-02		Data table revised against change of tare wt.	04	03	
4	WD-91071-S-66	BOBRN	Wt. of item no. 01 corrected as 83 Kg. in place of 67 Kg. & Dim. of item no. 09 corrected as 96 mm in place of 97.5 mm.	10	09	-
5	WD-89025-S-02	Axle Drg.(22.9T)	PCD tolerance modified	08	07	-
	WD-15020-S-02	Axle Drg (25T-class K CTRB)	-do-	01	Nil	
6	WD-02051-S-52	BOMN	Qty. of secondary lashing chain shown & Qty. of scotch block corrected.	02	01	-
	WD-02051-S-54		Standard Z-section of center sill modified to fabricated section & Dim. 1385mm changed to 1113mm.	01	Nil	
7	WD-02054-S-03	BRSTN	Qty. of secondary lashing chain shown	03	02	-
	WD-82054-S-14	BRST	Qty. shown per assembly in place of Qty. per wagon	07	06	
8	WD-00009-S-52	BWTB	Scotch Block & secondary lashing chain shown	02	01	-
	WD-00009-S-73		Qty. of scotch block shown per assembly in place of per wagon	01	NIL	

S. No	Drawing no.	Wagon	Description	Lat est Alt. NO.	Previous Alt. No.	Issuing letter No. &dt./ Remark
9	WD-22061-S-01 WD-22061-S-02 WD-22061-S-2A	BLSS (A-CAR)- Spine car	Index Diagram (A-Car) Diagram (A-Car) with single stack 12' high & 20' long Non-ISO containers	Nil Nil Nil	-	New Prototype Wagon –
	WD-22061-S-02B		Diagram (A-Car) with Non-ISO Gati Shakti (cube) containers in single stack	Nil		PWDA with Braithwaite
	WD-22061-S-02C		Diagram (A-Car) with double stacking of 20'/40' long & 1930 high Non-ISO dwarf containers	Nil		
	WD-22061-S-03		Loading Diagram	Nil		
	WD-22061-S-04		General Arrangement	Nil		
	WD-22061-S-05		Underframe Arrang. (Sh. 1 of 2)	Nil		
	WD-22061-S-06		Underframe Arrang. (Sh. 2 of 2)	Nil		
	WD-22061-S-07		Underframe Details (Solebar) (Sh. 1 of 10)	Nil		
	WD-22061-S-08		Underframe Details (Solebar, Jacking Pad) (Sh. 2 of 10)	Nil		
	WD-22061-S-09		Underframe Details (Centre Girder) (Sh. 3 of 10)	Nil		
	WD-22061-S-10		Underframe Details (Bolster Assembly) (Sh. 4 of 10)	Nil		
	WD-22061-S-11		Underframe Details (Bolster) (Sh. 5 of 10)	Nil		
	WD-22061-S-12		Underframe Details (CTR Filler, End Arrgt.) (Sh. 6 of 10)	Nil		
	WD-22061-S-13		Underframe Details (Raised End) (Sh. 7 of 10)	Nil		
	WD-22061-S-14		Underframe Details (Raised End) (Sh. 8 of 10)	Nil		
	WD-22061-S-15		Underframe Details (Centre sill Raised End) (Sh. 9 of 10)	Nil		
	WD-22061-S-16		Underframe Details (Draft Pocket) (Sh. 10 of 10)	Nil		
	WD-22061-S-17		Air-Brake Diagram & underframe brake gear pins & bushes.	Nil		
	WD-22061-S-18		Underframe brake gear arrgt.	Nil		
	WD-22061-S-19		Fitment of graduated release air-brake equipment.	Nil		

S. No	Drawing no.	Wagon	Description	Latest Alt. NO.	Previous Alt. No.	Issuing letter No. &dt./ Remark
	WD-22061-S-20 WD-22061-S-21 WD-22061-S-22 WD-22061-S-23 WD-22061-S-24 WD-22061-S-25 WD-22061-S-26	BLSS (A-Car)- Spine car	Details of graduated release air-brake equipment. Fitment of pipe details. Uncoupling gear arrgt. (A -Car &B-Car) Centre pivot & side bearer arrgt. (A-car & B-car). Fitment of ATL & APD (A-Car). Marking Diagram. Static load test (A-Car & B-Car)	Nil Nil Nil Nil Nil Nil Nil	-	New Prototype Wagon – PWDA with Braithwaite
10	WD-22062-S-01 WD-22062-S-02 WD-22062-S-02A WD-22062-S-02B WD-22062-S-02C WD-22062-S-03 WD-22062-S-04 WD-22062-S-05 WD-22062-S-06 WD-22062-S-07 WD-22062-S-08 WD-22062-S-09 WD-22062-S-10 WD-22062-S-11 WD-22062-S-12	BLSS (B-Car)- Spine car	-Index -Diagram Drg. (B-Car) -Diagram (B-Car) with single stack 12' high & 20' long Non-ISO containers. -Diagram (B-CAR) with Non-ISO Gati Shakti (Cube) containers in single stack. -Diagram (B-CAR) with double stacking of 20'/40' long & 1930 high Non-ISO Dwarf containers -Loading Diagram -General Arrangement -Underframe Arrangement (B- CAR)(Sh. 1 of 2) -Underframe Arrangement (B- CAR)(Sh. 2 of 2) Underframe Details (Solebar, Head Stock) (Sh. 1 of 8) Underframe Details (Centre Sill, Cross member, Jacking Pad) (Sh. 2 of 8) Underframe Details (Bolster Assembly) (Sh. 3 of 8) Underframe Details (Bolster) (Sh. 4 of 8) Underframe Details (Centre Filler) (Sh. 5 of 8) Underframe Details (Sole bar) (Sh. 6 of 8)	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil		New Prototype Wagon – PWDA with Braithwaite

S. No	Drawing no.	Wagon	Description	Latest Alt. NO.	Previous Alt. No.	Issuing letter No. & dt./ Remark
	WD-22062-S-13 WD-22062-S-14 WD-22062-S-15 WD-22062-S-16 WD-22062-S-17 WD-22062-S-18 WD-22062-S-19 WD-22062-S-20 WD-22062-S-21 WD-22062-S-22 WD-22062-S-23 WD-22062-S-24 WD-22062-S-25	BLSS (B-CAR)- Spine car	-Underframe Details (Gooseneck, Cross Members) (Sh. 7 of 8) -Underframe Details (CTR Girder, Cross Members) (Sh. 8 of 8) -Air-Brake diagram and Underframe brake gear Pins & bushes -Underframe brake gear arrangement (B-CAR) -Underframe brake gear details (A & B-CAR) -Fitment of graduated release air-brake equipment (B-CAR) -Details of graduated release air-brake equipment (B-car) (Sh. 1 of 2) -Details of graduated release air-brake equipment (B-car) (Sh. 2 of 2) -Fitment of pipe details (Sh. 1 of 2) -Fitment of pipe details (Bracket Locations) (Sh. 2 of 2) -Fitment of ATL & APD (B-Car) -Marking Diagram -Location of strain gauges for squeeze load test (B-Car)	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil		-
11	WD-21071-S-01	BFNSM1	Marking Diagram	Nil	-	New drg
12	WD-81035-S-19 (Sheet-2)	BVZI	One additional bottom foot step added & bottom foot board modified	02	01	-
13	WD-14035-S-01 WD-14035-S-02	BFNSM22.9/ BFNSM1	New variant BFNSM1 added. -Height mentioned in loading condition & bogie data revised.	01 04	Nil 03	-
14	WD-22072-S-01	BFNSM1	Static Load Test	Nil	-	New drg
15	WD-22076-S-01	BOST & its variants	Loading Diagram of 36" steel pipes over brim in BOST Wagon & its variants-	01	-	New drg
16	WD-21004-S-56	BTALNM1	Width & material of top side bear liner & width of shim & side bearer packing on bolster changed as per CPSB Drg. No. WD-20024-S-01.	01	Nil	-

S. No	Drawing no.	Wagon	Description	Latest Alt. No.	Previous Alt. No.	Issuing letter No. & dt./ Remark
17	WD-88088-S-02	BOXN(LW)	MMD updated as per latest IRSOD.	10	09	-
	WD-88088-S-03	BOXNLW/ BOXNLWM1/ BOXNLWM2	Twin pipe shown in front view, MMD updated as per latest IRSOD.	08	07	
18	WD-05086-S-02	BOXNHL	-MMD revised as per latest IRSOD.	11	10	-
	WD-08008-S-03		-SOD of Eastern & Western corridors shown MMD revised as per latest IRSOD	04	03	
	WD-05086-S-03 WD-05086-S-09		-MMD revised as per latest IRSOD. -Drg. Calculations revised & Drg. Redrawn accordingly.	06 05	05 04	
19	WD-09034-S-03	BOXNHL (MBS)/ BOXNHL 25T	MMD updated as per latest IRSOD.	06	05	-
20	WD-80007-S-02	BOXN/BOXNHS	C.G. calculations in empty & loaded condition revised. C.G. Calc. for iron ore in loaded added. MMD profile updated as per latest IRSOD.	28	27	-
21	WD-80007-S-03	BOXN series	MMD profile updated as per latest IRSOD.	23	22	-
	WD-80007-S-09		Data against all wagons revised. Air brake calc. sheet added. BOXNB added in title block.	17	16	
22	WD-02021-S-02	BOXNAL	SOD of Eastern & Western corridors shown. MMD revised as per latest IRSOD.	03	02	-
	WD-02021-S-03		-do-	02	01	
23	WD-20015-S-01	BOXNLWM2	C.G. value in empty & loaded condition revised. C.G. value of iron ore added.	02	01	-
24	WD-98015-S-02	BOXNHA	MMD revised as per latest IRSOD. Value of C.G. revised & data for iron ore added.	05	04	
	WD-98015-S-03		MMD revised as per latest IRSOD.	02	01	
25	WD-01057-S-01	BOXNF	Note from points 2 to 9 for details of changes done.	03	02	
26	WD-02007-S-02	BOXNG	Note for details of changes.	01	Nil	-
27	WD-02023-S-01	BOXNB	Note from points 2 to 9 for details of changes done.	02	01	-
28	WD-05084-S-02	BOXNM1/ BOXNM2	MMD revised as per latest IRSOD. C.G. cal. Rev. for empty & loaded. Iron ore C.G. data added.	09	08	-

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29	WD-06083-S-01	BOXNEL	C.G. data in empty & loaded revised. C.G. for iron ore added. MMD profile updated.	03	02	-
30	WD-05084-S-01	BOXNHSM1/ BOXNHSM2	C.G. data in empty & loaded condition revised. C.G. cal. for iron ore added. MMD revised as per latest IRSOD.	10	09	-
31	SK-76535	BOBSN	Safety loop for uncoupling rod & arrgt. of safety lock for CBC operating handle added/ shown.	02	01	-
32	WD-89007-S-78	BOBRN/ BOBRN 25	Safety loop for uncoupling rod & arrangement of safety lock for CBC operating handle added /shown.	05	04	-
33	WD-22069-S-01	BOBRNHSM2	Static Load Test	Nil	-	New drg
34	WD-22029-S-01	BCATIC- Auto car taller wagon	Drawing updated as per IRSOD 2022	01	NIL	New drg
35	WD-19066-S-02	RORO (A-CAR)	MMD replaced 1D (EDO/T-2202) in place of MMD 1D-2004.	07	06	-
36	WD-19067-S-02	RORO (B-CAR)	MMD replaced 1D (EDO/T-2202) in place of MMD 1D-2004.	08	07	-
37	WD-22081-S-02	BOSM	Diagram	Nil	-	New drg -prototype wagon
38	WD-98057-S-02	BFNS/ BFNS 22.9	Maximum height in loaded condition shown & note added.	13	12	Letter to NER

Quarterly Notification No. 348 Period: 01st July 2022 to 30th Sep. 2022**1. New Specifications/ Maintenance Manual**

S. No.	Spec./Maintenance Manual	Description
1	WMI-001-BFNSM1-UPGRADATION-2022 -Aug 2022	Maintenance Instruction to Upgrade BFNSM-22.9 Wagons to BFNSM1 for Operation at Higher Speed in Empty and Loaded Condition
2	WMI-001-BTALNM1-UPGRADATION-2022 -September 2022	Maintenance Instruction to Upgrade BTALNM wagons to BTALNM1 wagons for operation at 100/90 kmph in empty & loaded condition.

2. New Check Sheet/ Welding Procedure Specification -WPS

S. No.	Check Sheet/WPS	Description
1	WD-CS-01-BOBRNHSM2-CRF-(Design-L)-2022 -July2022	Check Sheets For Bogie Open Rapid Discharge Hopper Wagon Type – ‘BOBRNHSM2’-(Design-L) (CC+6t+2t)
2	WD-WPS-BOBRNHSM2 (Design-L) -July2022	Welding Procedure Specification For Bogie Open Rapid Discharge Hopper Wagon Type – ‘BOBRNHSM2’ (Design-L)
3	WD-01-WPS-BTPGLN (Variant-A & B)- 2022 -Aug-2022	Welding Procedure Specification For Bogie LPG Tank Wagon Type ‘BTPGLN’

3. Revision/Amendment/ Corrigendum Specifications/Check Sheet/WPS/Maintenance Manual.

S. No.	Spec. /Cheek Sheet/WPS/ Maint. Manual	Description
1	Specification No. WD-20-MISC-95 (Rev.04) - (Amendment No.1 of July 2022)	Specification Of Elastomeric Pad No. WD-20-MISC-95 (Revision - 04) (Amendment No.1 of July 2022) -Suitable For CASNUB – 22W, 22 W (M), 22 NL, 22 NLB, 22 HS, LCCF 20 (C), IRF-108HS AND LWLH-25 Bogies
2	WD-01-S.L.T.-BOBSNS-2020 (Amnd. 01, September-2022)	Procedure of Squeeze Load Test For Bogie Hopper Wagon Type – BOBSNS

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Distribution list

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M/s Burn standard Company Limited (Burnpur Works), Burnpur, Burdhan (West Bengal)	08
M/s Braithwaite & Company Limited, , Kolkata (West Bengal)	09
M/s Bharat Wagon & Engineering Company Limited, Mokama (Bihar)	10
M/s Bharat Wagon & Engineering Company Limited, Muzzafarpur (Bihar)	11
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M/s Titagarh Wagon Limited, Kolkata	14
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M/s Besco Limited (Wagon Division), Kolkata	16
M/s Modern Industries, Ghaziabad (Uttar Pradesh)	17
M/s Jupiter Wagons Limited Kolkata	18
M/s Cimcco Limited, "Premlata", Kolkata	19
M/s Besco Limited (Foundry Division), Kolkata	20
M/s Jindal Rail Infrastructure Ltd, District: Vadodara	21
M/s Sail Rites Bengal Wagon Industry Pvt. Ltd., Kulti, Dist. Burdwan	22
M/s. Gatex India Pvt. Ltd., 301-302 Tower-A, Signature Towers. South City- I, Gurugram-122001, Haryana, India	23
M/s. Oriental Foundry Pvt. Ltd. Shop No. 17,Rizvi Park, Co-op Society E Wing. S.V. Road , Santacruz (W) Mumbai-400054	24