

**INDIAN RAILWAYS**  
**CENTRE FOR DESIGN & DEVELOPMENT**  
**CHITTARANJAN LOCOMOTIVE WORKS**

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**No. C-D&D/T/21, Vol. II**

**Date: As signed**

**M/s BHEL**

Electronic Division,  
P.B No. 2602, Mysore Road,  
Bengaluru, Karnataka 560026

**Sub: Regular Approval of s/w ver. 795 for IGBT SR, S/w ver 895 for IGBT Aux and S/w Ver 65 for TCN based VCU and S/w Ver 2.1 of RIOM for M/s BHEL make.**

**Ref: M/s BHEL ref. No. PES/PS-CLW/CLW/164 dated 12.03.2025.**

**1.0** In response to your letter under reference above it has been decided that below mentioned software is hereby accorded for regular downloading in all locos at different electric/diesel loco shed equipped with M/s BHEL propulsion equipment.

**2.0** The details of software version with modification details is tabulated below for reference:

SN	Subsystem	S/W version	Improvement done
1	Traction Converter	795	a. Life sign occurrence at elevated temperature in PCB modules b. UC High detection c. Energy saving d. Horsing and Wheel Diameter issue
2	Auxiliary Converter	895	
3	Vehicle Control Unit	65	
4	RIOM	2.1	

**3.0** The aforesaid software with release note may be downloaded from the below link:

**[https://clw.indianrailways.gov.in/view\\_section.jsp?lang=0&id=0,295,329,493,496s](https://clw.indianrailways.gov.in/view_section.jsp?lang=0&id=0,295,329,493,496s)**

Further comments/feedback/issues if any may be sent to this office on **[ceednd@clw.railnet.gov.in](mailto:ceednd@clw.railnet.gov.in)** & **[dyceedd@clw.railnet.gov.in](mailto:dyceedd@clw.railnet.gov.in)**.

**(Pankaj Kumar)**  
**Dy.CEE/D&D-I**

**Copy to:**

- |                                    |                                |
|------------------------------------|--------------------------------|
| 1. Sr. DEE/ELS, All Zonal railways | -- For kind information please |
| 2. Sr. DEE/DLS, All Zonal railways | -- For kind information please |

**Dy.CEE/D&D-I**