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No. C-D&D/T/21, Vol -II   **Date: As signed**

M/s. CGPISL,
CG House, 6th Floor,
Dr. Annie Besant Road
Worli, Mumbai- 400 030

Sub: Approval of Soft. Ver. 30 B10 (1E09-WAG9H and 1E07-WAP7) for IGBT based Traction Converter of M/s CGPISL make and software version 16XX for CDAC based Vehicle Control unit

Ref: (i) M/s CGPISL Ref No. CLW/SW/IGBT-SR/2025/Feb 17 dated 18.02.2025
(ii) M/s CGPISL Ref No. CLW/SW/TCN-VCU/2025/Feb 18 dated 18.02.2025
(iii) Joint Note of ELS/Rourkela/SER dated 21.09.2024
(iv) Joint Note of ELS/Bokaro/SER dated 23.10.2024

1. New software version 30 B10 (1E09-WAG9H and 1E07-WAP7) for IGBT based Traction Converter has been release by M/s CGPISL vide letter under ref (i) above. In this following modification have been carried out:
   a. Transformer harmonic filter isolation management
   b. Hotel Load over current protection limit changes

2. New software version software version 16XX (In which FLG-1 will be 1608 for Halser Rail WTB module, 1609 for AMIT WTB module and for interoperability it would be 1608 for Hasler and 1610 for AMIT) for Multi and Cab redundancy for CDAC based **VCU** has been release by M/s CGPISL vide letter under ref (ii) above. Further joint note of ELS/Rourkela and ELS/Bokaro has also been provided vide ref. (iii) & (iv).

3. As per the Joint report under ref. (iii) & (iv) and as per the requirement of RDSO Modification sheet no. 504, Permission for regular downloading of the aforesaid software version **30 B10 (1E09-WAG9H and 1E07-WAP7) in IGBT based Traction Converter** and **software version 16XX for CDAC based Vehicle Control unit** of M/s CGPISL make in all locomotives is hereby accorded for extensive field performance validation. Further it is also advised to explore the possibility of making common software for all operational combination of WTB modules and also provide software for energy saving, Push Pull, DPWCS and AFL logic implementation.

The software with release note can be downloaded from the below mentioned link: https://clw.indianrailways.gov.in/view_section.jsp?lang=0&id=0,295,329,493,496

The performance of the aforesaid software maybe sent to this office on ceednd@clw.railnetgov.in, dyceedd@clwrailnetgov.in and ssednd2@clw.railnet.gov.in.

(Ashish Kumar)
SEE/D&D/CLW
For Dy.CEE/D&D-I

Copy to
1. **Sr.DEE/All Zonal Railways**
2. **Sr.DME/All Zonal Railways**   :   **For Kind information and necessary action please**

SEE/D&D/CLW
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