



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

**Date: As signed**

**M/s ABB India Limited**  
21st floor, World Trade Centre,  
Dr. Rajkumar Road, Malleshwaram  
West Bangalore- 560001 Karnataka, India


**Sub: Regular approval of s/w ver. 97 for Battery charger of Auxiliary converter with M/s ABB make old design Propulsion.**

**Ref: M/s ABB ref. no. ABB/4118/CLW/PE/0076 dated 18.04.2024**

1. In response to your letter under reference above it has been decided that software version 97 is hereby accorded for regular downloading in all locos at different electric/diesel loco sheds equipped with M/s ABB make old design Auxiliary Converter. Further the modification carried out for battery charger of auxiliary converter is as follows:

- State Machine bug fixed for wrong state transition.
- Spurious BCC overcurrent treated with auto reset feature for first OC and trip for second OC.

2. 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

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