INDIAN RAILWAYS CENTRE FOR DESIGN & DEVELOPMENT CHITTARANJAN LOCOMOTIVE WORKS

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Date: As signed

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

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:
 - a. State Machine bug fixed for wrong state transition.
- b. 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
 Further comments/feedback/issues, if any, may be sent to this office on ceednd@clw.railnet.gov.in & dyceedd@clw.railnet.gov.in.

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

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