



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. 1501 for Push Pull WAP-5 locos with CDAC based VCU.

Ref: Joint Noted between CDAC, ABB, ARC, CLW and ELS/GZB dated 10.02.2025

1. Vide Joint Note under reference above it can be observed that CDAC has released new software version 1501 for Push Pull operation in WAP-5 loco equipped with CDAC based VCU.
2. The aforesaid software has been validated with Amrit Bharat Train with M/s ARC make FSK (Frequency Shifting Key) module and with M/s AMIT make new WTB (Wire Train Bus) module (RRU-WEM/1158) Loco.
3. Hence regular approval of software version 1501 is hereby accorded for downloading in all WAP-5 locos. Further the 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-1/CLW

Copy to:

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

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