

**INDIAN RAILWAYS**  
**CENTRE FOR DESIGN & DEVELOPMENT**  
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No. C-D&D/T/21, Vol-I

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Sr. DEE/ELS/TKD, West Central Railway	Sr. DEE/ELS/WAT, East Coast Railway
Sr. DEE/ELS/RPM, Southern Railway	Sr. DEE/ELS/GZB, Northern Railway

**Sub: Testing of trial software version 0113 in WAP-7 locomotives equipped with C-DAC based TCN VCU.**

- 1.0 Competent authority has accorded permission for downloading software version 0113 (CDAC TCN VCU) in limited quantity of five (05) WAP-7 locomotives each at ELS/TKD, ELS/RPM, ELS/WAT and ELS/GZB. The executable file and release note for software version 0113 has been hosted in CLW website.
- 2.0 The issues has been addressed in the aforesaid software is as follows:
  - i. Constant speed control loop corrected for BPCS stuck on condition.
  - ii. BPCS & LSP indication in DDU graphics.
  - iii. Aux. Winding earth fault getting displayed in DDU graphics.
  - iv. 'Brake Released' indication in DDU screen.
  - v. Vigilance Emergency Brake input side corrected.
  - vi. Primary voltage limit increased.
  - vii. Hotel load lamp indication in CAB1.
  - viii. Individual TM isolation popup.
  - ix. Push Pull Operation.
- 3.0 In view of above, it is requested to download the trial software 0113 in limited quantity of five (05) WAP-7 locomotives equipped with CDAC based TCN VCU. Necessary feedback/performance/failure report if any may be sent to this office.
- 4.0 The software and release note mentioned may be downloaded from the link:  
[https://clw.indianrailways.gov.in/view\\_section.jsp?lang=0&id=0,295,329,493,496](https://clw.indianrailways.gov.in/view_section.jsp?lang=0&id=0,295,329,493,496)

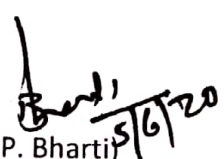
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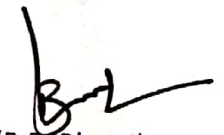
CDAC (T), Kerela - 659 033

M/s. ABB Ltd., Bangalore - 560 001

M/s. CGPISL, Mandideep - 462 046

} For Kind information and necessary action.

  
(R.P. Bharti)  
Dy.CEE/D&D

  
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