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

Date: 17.10.2020

Chief Electrical Loco Engineer

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Sub: Software of Push Pull operation for CDAC based TCN VCU equipped with M/s. ABB make Propulsion system

- Ref:** (i) This office letter no. C-D&D/T/21 (Vol.I) dated 05.06.2020
(ii) CDAC letter no. C-DAC(T)/PEG/CLW/2020 dated 06.10.2020
(iii) This office letter no. C-D&D/T/34 (Part) dated 21.10.2019

- 1.0 Vide letter under ref. (i), limited approval for downloading of Software version 0113 was accorded for five (05) locomotives equipped with M/s ABB make Three Phase Drive Propulsion System for Push pull operation.
- 2.0 Vide letter under ref.(ii), CDAC has released two test software version 1A00 (for WAP-7) & 3A00 (for WAP-5) for push pull operation equipped with M/s. ABB make propulsion system only after validation in loco no. 35012 & 35013 homed at ELS/GZB; as M/s. ABB has procured the license for the above mentioned software.
- 3.0 Hence the aforesaid test software version 1A00 (for WAP-7) & 3A00 (for WAP-5) can be used for trial of Push Pull operation equipped with M/s. ABB make Propulsion system only. Further comments/ feedback/ issues if any may be sent to this office on ceednd@clw.railnet.gov.in , dyceedd@clw.railnet.gov.in.

The aforesaid software can be downloaded in the below mentioned link:

https://clw.indianrailways.gov.in/view_section.jsp?lang=0&id=0,295,329,493,496

However interoperability with other make of propulsion system can't be done presently. Once the implementation of the ICD (Interface Control document) as per letter under ref. (iii) is implemented & tested, then new software version for push pull will be approved & uploaded on CLW Website.

DA: As above.

(S.S. Yadav)

Dy.CEE/D&D-I/CLW

Copy to :

- PEDEE (RS), Railway Board, New Delhi- 110 001
(Kind Attn : Shri Kishore Vaibhav, Dir. Elect. Engg. (RS), RB)
- PEPSE, RDSO, P.O. Manaknagar, Lucknow – 226 011
(kind Attn: Jitendra Yadav, Director/TPL/RDSO)


For kind information please.

Chief Design Engineer, DLW, Varanasi
Chief Electrical Engineer/Loco, DMW Patiala

} For kind information
and necessary action

Sr.DEE/ELS/LGD, Sr.DEE/ELS/KZJ/South Central Railway
Sr.DEE/ELS/CNB/North Central Railway
Sr.DEE/ELS/BRC/Western Railway
Sr.DEE/ELS/BIA/South East Central Railway
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17.10.2020
(S.S. Yadav)

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