



No: C-D&D/T/21 (Vol.-I)

Dated: 24.10.2019

M/s ABB Ltd.,

2nd Floor, East Wing, Khanija Bhawan, 49, Race Course Road,
Bangalore-560001.

Dear Sir(s)

Sub: Approval for downloading software version in Propulsion System.

Ref: (i) ABB's letter No. ABB/TRACTION/SER/CLW/004 dated 07.08.2019.

(ii) ABB's letter No. ABB/TRACTION/SER/CLW/005 dated 07.08.2019.

(iii) ABB's letter No. VCU/CLW/194202 dated 17.10.2019.

(iv) ABB's letter No. ABB/M130/CLW/SW/01 dated 21.10.2019.

1. Vide reference you have intimated that the current software version has been modified on basis of feedback/comments/field performance of Zonal Railways and details are as follows:

S/N	Equipment	S/W Ver
1	1200 Amp IGBT based Traction Converter	40
2	1500 Amp IGBT based Traction Converter	99
3	VCU for WAG-9H	2008
4.	VCU for WAP-7	1010
5.	Old Design Auxiliary Converter	90
	New Design Auxiliary Converter	
6.	CDAC based TCN VCU (WAP-7)	0111
7.	3 X 130 KVA Auxiliary Converter .	91


2. Competent authority has accorded regular approval for downloading the **Software version (40 & 99 for 1200 Amp & 1500 Amp IGBT based SR, 90 for Old & New Design AUX and 2008 & 1010 for VCU of WAG9H & WAP7)**(S/N 01 to 05 of table above).
3. Further competent authority has accorded limited approval for downloading the **Software version (91 for AUX and 0111 for VCU of WAP7)** (S/N 06 to 07 of table above) in five (05) locomotives each at Zonal Railways.
4. The aforesaid software may be downloaded from the below link:
https://clw.indianrailways.gov.in/view_section.jsp?lang=0&id=0,295,329,493,496
The report maybe sent to this office for further necessary action.

Thanking you


24/10/19
DY.CEE/D&D

Copy to:

Chief Electrical Loco Engineer, All Zonal Railways: For Kind information please


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