No. C-D&D/T/21, Vol. II   **Date: As signed**

M/s ALSTOM RAIL TRANSPORTATION INDIA LIMITED
Phase III, Plot No 724, GIDC Industrial Estate,
Post Manjusar, Taluka Savli, Vadodara
Vadodara-391775 Gujarat

Sub: Regular Approval of s/w ver. 1.4.1.4 for 3-Phase Drive Propulsion of M/s ATIL make.
Ref: M/s ATIL letter no IR..CLW.20250121.1187 dated 21.01.2025

1. In response to your letter under reference above it has been decided that software version 1.4.1.4 is hereby accorded for regular downloading in all locos equipped with M/s ATIL propulsion system homed at different electric/diesel loco sheds.

2. The details of modification details are tabulated below for reference:

SN	Processor	Modification
1	CCUO	• Re-mapped Inputs 411. 0A10 & 412. OA 10 and used as flasher light inputs, added auto flasher events and update diagnostic build as per CLW MoM dated 29.10.2024. • Added logic for AFL in emergency operation from A9 handle as per CLW MoM dated 29.10.2024. • Harmonic Filter logic modification as per CLW letter no. C-D&D/T/78 dated 05.10.2024
2	CCON	• None
3	BUR	• None
4	HMI	• Event updated for "AFL Activated

3. 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**
(**CLW→ Department → Electrical → C-D&D→ Download Loco software for IGBT propulsion**)

4. Further comments/feedback/issues, if any, may be sent to this office on **ceednd@clw.railnet.gov.in** & **dyceedd@clw.railnet.gov.in.**

ASHISH KUMAR
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Date: 2025.01.29 22:58:02 +05'30'

(Ashish Kumar)
SEE/D&D
forDy.CEE/D&D-I

Copy to:
    1. Sr. DEE/ELS, All Zonal railways -- For kind information please
    2. Sr. DEE/DLS, All Zonal railways -- For kind information please
    3. Director/TPL/RDSO -- For kind information for AFL logic implementation

ASHISH KUMAR
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