



lo. 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: [REDACTED] Approval of s/w ver. 1.4.1.2 for 3-Phase Drive Propulsion of M/s ATIL make.**

**Ref:** (i) M/s ATIL letter no. IR..CLW.20240508.1089 dated 08.05.2024.

(ii) M/s ATIL letter no. IR..CLW.20240502.1086 dated 02.05.2024

1. In response to your letter under reference above it has been decided that software version 1.4.1.2 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	<ul style="list-style-type: none"><li>Isolation of SR during energy saving mode</li></ul>
2	CCUON	<ul style="list-style-type: none"><li>Initiating a protective blocking instead of protective shutdown during disturbance in converter due to line voltage very low during operation. – Disturbance in converter message issue</li><li>During Braking conditions, improvised line and motor pulsing control to handle OVC Temp too High Issue</li></ul>
3	BUR	None
4	HMI	None

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](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](mailto:ceednd@clw.railnet.gov.in) & [dyceedd@clw.railnet.gov.in](mailto:dyceedd@clw.railnet.gov.in).

  
(Pankaj Kumar)  
Dy.CEE/D&D-I

**Copy to:**

1. Sr. DEE/ELS, All Zonal railways
2. Sr. DEE/DLS, All Zonal railways

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