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

M/s. CGPISL,
CG House, 6th Floor,
Dr. Annie Besant Road
Worli, Mumbai- 400 030

Sub: Approval of Soft. Ver. 30 (1E) for IGBT based Traction Converter of M/s CGPISL make
Ref: (i) M/s CGPISL Ref No. CLW/SW/IGBT-SR/2024/Aug 16 dated 16.08.2024
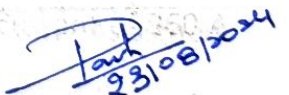   (ii) ELS/RPM/SR letter no. M/RS/RPM/221/III/08/24/E8 dated 13.08.2024

1. New software version 30 (1E) for SR software version has been release by M/s CGPISL vide letter under ref (i) above. In this following modification have been carried out:

   a. Main Contactor will not open unless the DC link voltage goes below precharging value that is 1700V DC. This will avoid instantaneous current of 2400A in line side and will arrest the OCR action issue due to heavy inrush primary current of 960 A when ever VCB is closed after neutral section.
   b. Energy saving Mode logic for Traction Converter.

2. Permission for limited downloading of the aforesaid software version 30 (IE) in Traction Converter of M/s CGPISL make in all locomotives homed at ELS/RPM/SR shed is hereby accorded for extensive field performance validation. However, it is also requested to look and release new software addressing the issue of locking of Traction Converter during IGBT error and also the speed interlock of 05 KMPH interlock during DC link Voltage discharge as reported by ELS/RPM/SR vide ref. (ii).

The software with release note can be downloaded from the below mentioned link:
https://clw.indianrailways.gov.in/view_section.jsp?lang=0&id=0,295,329,493,496

The performance of the software maybe sent to this office on ceednd@clw.railnetgov.in, dyceedd@clwrailnetgov.in and ssednd2@clw.railnet.gov.in.

23/08/2024
(Pankaj Kumar)
Dy.CEE/D&D-I

Copy to
1. Sr.DEE/ELS/RPM/SR   :   For Kind information and necessary action please

23/08/2024
Dy.CEE/D&D-I