



**No: C-D&D/T/24(Part)/BHEL**

**Dated: As Signed**

**M/s BHEL**

Electronic Division,  
P.B No. 2602, Mysore Road,  
Bengaluru, Karnataka 560026

**Sub: Expeditious Downloading of DR (Data Recording) file in M/s BHEL propulsion system.**

**Ref:** (i) This office letter no. C-D&D/T/24(Part) dated 05.06.2023

(ii) M/s BHEL Ref. No. PES/PS-CLW/CLW/130 dated 01.01.2024

**1.0** Vide letter under ref. (i) regular approval for downloading of DR (Data Recording) file for continuous recording of 43 important signals and storing in DDU memory at an interval of 1 second was accorded. However, ZRs have reported issues with mapping/scaling of signals and corruption of DDS file which shares memory with the Data Recording memory of DDU

**2.0** Now vide reference (ii) it has been intimated that the aforesaid issues have been resolved and tested successfully and following software files has been shared for proliferation in locomotives with M/s BHEL propulsion system and M/s ARC make DDUs.

- a. DDU software for Parameter recording
- b. DDU software compatible with ARC DDU Ver 1.0
- c. BHEL visualization toll with updated scaling/ mapping of signals

**3.0** In view of above regular approval for downloading of new software of DR (Data Recording) file is hereby accorded (as mentioned in ref. (ii)). It is requested to download the aforesaid DR file in complete fleet of locos equipped with M/s BHEL make propulsion system at different Zonal Railways on top priority. Action taken in this regard and locomotives provided with the aforesaid patch file shall be submitted to this office on weekly basis.

Kindly treat the matter most important and urgent.

  
11/01/2024

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

**Copy to**

**Sr.DEE/ELS/All Zonal Railways:** for kind information and necessary action please.

  
11/01/2024

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