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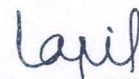
## East Central Railway

### S&T Technical Circular No.03/2007

Docket No.-ECR/S&T/SIG/Tech Circular/185 dated:- 16.07.07

#### **Sub: - Data Loggers in PI/RRI Installations**

1. Instructions already exist as Para 21.18.4 of the Signal Engineering Manual that 'At all Relay Interlocking Installations, Data Logger shall be provided'.
2. Railway Safety Review Committee report has also recommended that "IR should proceed with urgency to install digital data loggers that would not only record signal infractions but will also help in detecting SPADs, preventive maintenance and for ascertaining the status of signals in event of dispute."
3. In view of the above the following decisions have been taken –
  - a. At New Installations
    - i. PI/RRI/EI should not be commissioned at any station without Data Logger.
    - ii. Data Logger should not be commissioned without provision of VDU and printer.
    - iii. Wherever availability of communication channel makes it feasible, Data Logger should be networked with Central Monitoring Unit at the S&T Control at the time of commissioning.
    - iv. Data Logger should have all features for provision of Control charting/NTS integration.
  - b. At existing installations where Data Loggers have been provided
    - i. It should be ensured that at all such stations Data Loggers are in working order and are provided with a VDU and Printer.
    - ii. Data Loggers should be covered under warranty or Annual Maintenance contract.
    - iii. Data Loggers should be networked if feasible.



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