

भारत सरकार Government of India  
रेल मंत्रालय Ministry of Railways  
रेलवे बोर्ड Railway Board

(E-Office: 3435093)

No. 96/M(C)/141/77

New Delhi, Dated 13.02.2025

General Manager  
All Zonal Railways

**Sub: Fitment of IoT-based Water Level Indicators in Coaches.**

**Ref: (I) Railway Board letter no. 96/M(C)/141/77-II dated 29.11.2024.**

**(II) Railway Board letter no.2024/M(C)/142/4 dated 06.09.2024, 01.10.2024.**

Vide letter at (I) above, Zonal Railways were advised to carry out fitment of IoT-based water level indicators in coaches, ensuring that all rakes of at least one Primary Mail-Express train are covered. The systems installed have been on-boarded on the CMMS portal, and alerts generated have to be monitored proactively for watering attention by primary depots and next watering points respectively.

The status of fitment of IoT-based water level indicators in coaches against the RSP sanctions issued vide reference (II) has been reviewed, and it is seen that the progress of fitment over Zonal Railways is only about 17%. Railway wise status is tabulated as under:

| S. No. | Zonal Rly | Quantity distributed as per RSP No. 761/24-25 | Quantity distributed as per RSP No. 762/24-25 | Total Quantity | No. of coaches covered till date |
|--------|-----------|---|---|----------------|----------------------------------|
| 1.     | CR        | 100   | 100   | 200            | 62                               |
| 2.     | ECR       | 100   | 100   | 200            | 31                               |
| 3.     | ER        | 100   | 100   | 200            | 42                               |
| 4.     | ECOR      | 100   | 100   | 200            | 25                               |
| 5.     | NFR       | 140   | 100   | 240            | 47                               |
| 6.     | NR        | 100   | 100   | 200            | 20                               |
| 7.     | NWR       | 100   | 100   | 200            | 81                               |
| 8.     | SCR       | 100   | 100   | 200            | 20                               |
| 9.     | SECR      | 100   | 100   | 200            | 73                               |
| 10.    | SER       | 100   | 100   | 200            | 32                               |
| 11.    | SR        | 100   | 100   | 200            | 21                               |
| 12.    | SWR       | 100   | 100   | 200            | 17                               |
| 13.    | WCR       | 100   | 100   | 200            | 21                               |
| 14.    | WR        | 100   | 100   | 200            | 75                               |
| 15.    | NCR*      | 100   | 100   | 200            | -                                |
| 16.    | NER*      | 100   | 100   | 200            | -                                |
| TOTAL  |           | 1640  | 1600  | 3240           | 567                              |

It is seen that despite a lapse of more than 8 months, NCR & NER have not fitted in even a single coach and the progress is slow in ECR, ECoR, NR, SCR, SER, SR, SWR & WCR.

The fitment of IOT based sensors is being monitored at Board. Detailed reasons for delay in implementation along with target duly signed by concerned PCMEs may be sent to Board by 20.02.25. Besides, all Zonal Railways should also ensure that the fitment is completed expeditiously.



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