

DEMU, DISASTER MANAGEMENT & EIMWB (Status as on 01.01.2021)

A. Diesel Electric Multiple Unit (DEMU):

Eastern Railway runs 19 pairs of passenger trains worked by DEMU rakes, with a total of 11 DEMU rakes (8 car- 2 DPCs and 6 coaches). Besides, a spare DPC for operating the trains. Nine DEMU rakes out of the total holding of the Eastern Railway, are maintained at DEMU Depot Sahibganj in Malda Division and remaining two rakes are maintained, one each at Diesel Loco Sheds at Andal and Sealdah. The DEMU rakes are given Periodical Overhaul (POH) at Kachrapara Workshop.

The maximum power output from each DPC is 1400 HP, hence the maximum Horse Power of a DEMU rake is 2800 HP. The topography of sections where the DEMU rakes are operated in Eastern Railway is generally flat and therefore, a DEMU/DPC consumes on an average 1.8ltrs of Diesel per KM. The average kilometer to be run every day by the seven rakes working the passenger trains is 381 KM. In each DEMU rake there are two DPCs (which has partial passenger portion), two vendor coaches and four general coaches. All the coaches in ten out of eleven rakes has bio-toilets. One rake without toilet is running in a short trip. There is no toilet in DPC.

| Division | Holding | Primary Maintenance | Service |
|----------|---------|---------------------|----------|
| Malda | 09 | Sahibganj DEMU Shed | 16 Pairs |
| Asansol | 01 | Andal Diesel Shed | 02 Pairs |
| Sealdah | 01 | Sealdah Diesel Shed | 01 Pairs |

One DEMU rake is fitted with solar panels on trial basis.

B. Location of Railway Consumer Depots:

| Division | Fuelling Point | Storage Capacity (KL) | Estimated Daily Issue (KL) | State |
|--------------------|----------------|-----------------------|----------------------------|-----------|
| ASN | UDL | 1,066 | 56 | WB |
| SDAH | BGA | 540 | 30 | WB |
| | RHA | 140 | 4 | WB |
| HWH | HWH | 863 | 40 | WB |
| | BWN | 696 | 10 | WB |
| | RPH | 1,053 | 70 | WB |
| MLDT | MLDT | 1,000 | 110 | WB |
| | JMP | 1,000 | 45 | BIHAR |
| | SBG | 20 | 4 | JHARKHAND |
| Grand Total | | 6,378 | 369 | |

C. Disaster Management Rolling Stock:

There are 5 nos. each of 140T Breakdown Cranes and Self Propelled Accident Relief Medical Vans (SPARMVs) positioned in Eastern Railway, viz. one in each division except Howrah where 02 nos. are there. Their Location wise Data is tabulated below.

Two nos. of Self Propelled Accident Relief Trains available i.e one at Burdwan (Howrah Division) and other one at Madhupur (ASN Division). Besides there are 10 Conventional Accident Relief Trains in Eastern Railway. Their Class-wise data with location is also tabulated below.

| LOCATION-WISE POSITION OF ART/SPART/ARMV/SPARMV / 140T BD CRANE | | | | | | | |
|---|------------|--------------|------------------|---------------------|-----------------|----------------|---------------|
| Div | Location | Class of ART | Conventional ART | Conventional ARMV | 03 Coach SPARMV | 02 Coach SPART | 140T BD Crane |
| HWH | Howrah | A | Available | -- | Available | -- | Available |
| | Bandel | B | Available | -- | -- | -- | -- |
| | Bardhaman | B | -- | Under commissioning | -- | Available | -- |
| | Rampurhat | A | Available | -- | Available | -- | Available |
| SDAH | Beliaghata | A | Available | -- | Available | -- | Available |
| | Ranaghat | B | Available | Available | -- | -- | -- |
| ASN | Asansol | A | Available | -- | Available | -- | Available |
| | Andal | B | Available | -- | -- | -- | -- |
| | Madhupur | B | -- | -- | -- | Available | -- |
| MLDT | Malda | B | Available | -- | Available | -- | -- |
| | Sahibgunj | A | Available | Available | -- | -- | Available |
| | Jamalpur | B | Available | Available | -- | -- | -- |

All the ART/SPART/ARMV/SPARMV/140T BD Crane are fitted with individual GPS system to monitor their movement. In addition to the above, ARTs at Howrah, Asansol and Andal has a lorry loaded with ART tools for handling restoration in sidings and yards.

D. Electronic In-motion Weigh Bridge (EIMWB):

There are 14 nos. of EIMWBs (including one under commissioning) in Eastern Railway which are working in different divisions. Location wise data is tabulated below:

| EASTERN RLY: LOCATION OF RLY OWNED EIMWBs. | | | |
|--|----------|--------------------------------------|---------------------|
| SN | Division | Location (status of FOIS connection) | Status |
| 1 | ASN | UDL- I (yes) | Working |
| 2 | | UDL- II (yes) | Working |
| 3 | | ASN (yes) | Working |
| 4 | | OYR (yes) | Working |
| 5 | HWH | PKR (yes) | Working |
| 6 | | RJG (yes) | Working |
| 7 | | DKAE (yes) | Working |
| 8 | | HWH Goods (not required) | Working |
| 9 | MLDT | MLDT Yard (New EIMWB Commissioned) | Working |
| 10 | | BHW (New EIMWB Commissioned) | Working |
| 11 | | SLJ (under commissioning) | Working |
| 12 | | SBG (New EIMWB Commissioned) | Working |
| 13 | SDAH | NH Yard (under commissioning) | Working |
| 14 | | NACC (under commissioning) | Under Commissioning |

EASTERN RLY: LOCATION OF NON-RLY EIMWBs (Where R/R Is Generated)

| SN | Division | Name of Station | Location | Owner |
|----|----------|----------------------------|---------------------|-------|
| 01 | ASN | RNG | Nimcha | ECL |
| 02 | | UKA-V | Shankarpur | ECL |
| 03 | | PAW-I | Jhanjra | ECL |
| 04 | | PAW-II | Dalurbandh | ECL |
| 05 | | MMU | Pandra, Mugma | ECL |
| 06 | | KMME | Kumardubi Stn. Yard | BCCL |
| 07 | | SLS | Damagoria | BCCL |
| 08 | | SLS | Dalmia | ECL |
| 09 | | JMT | Chitra Colliery | ECL |
| 10 | | SCN | Sonachura Stn. Yard | ECL |
| 11 | | GRD | Beniadih Colliery | CCL |
| 12 | | BBI | ICML, Barabani | ICML |
| 13 | | DGR | DSP (Main) | DSP |
| 14 | | DGR | DSP (Loop) | DSP |
| 15 | | DGR | DSP Slag | DSP |
| 16 | | RNG | Tapasi Siding | SSPL |
| 17 | | Burnpur | IISCO Steel Plant | SAIL |
| 18 | | Nimcha(1 st UP) | Nimcha | ECL |

| SN | Division | Name of Station | Location | Owner |
|-----------|-----------------|------------------------|-----------------|------------------------|
| 19 | | DGR | Durgapur | Palogix Infrastructure |
| 20 | | DGR | Durgapur | Jai Balaji Ltd |
| 21 | HWH | PKR | WBDCL Siding | WBDCL |
| 22 | SDAH | "C" Kidderpore Docks | EJC Yard | KoPT |