



Modernisation and Manufactureing of Rail Coaches

Posted On: 31 MAR 2017 3:47PM by PIB Delhi

Several measures have been taken by Indian Railways to modernize / upgrade rail coaches of Mainline trains in the recent past. These include provision of improved interiors with upgraded fire retardant properties, Bio Toilets, Balanced Draft Gear for reducing the jerks in Centre Buffer Couplers (CBC) fitted coaches, Light Emitting Diode (LED) lighting, Screw less Fibre-Reinforced Polymer (FRP) or Aluminium Composite *Panel* (ACP) paneling for interiors, etc. Besides, a policy decision has been taken to proliferate Linke Hofmann Busch (LHB) coaches. LHB type coaches are based on new technology and are of superior design as compared to conventional Integral Coach Factory (ICF) type coaches.

In addition to the above, Humsafar trains having additional amenities in the coaches have recently been introduced for providing comfortable Air-Conditioned III Tier travel. Humsafar coaches have better passenger amenities, improved aesthetics, passenger announcement system, Closed-Circuit Television (CCTV) based surveillance system, etc. Also, Antyodaya and Deen Dayalu coaches for unreserved travel, having additional amenities in the coaches, have been introduced in service. These coaches have features such as cushioned luggage racks, drinking water dispenser, pleasing interior and exterior with anti-graffiti measures, enhanced number of mobile charging points, etc.

Targets set for the manufacture of Humsafar/Deen Dayalu and Antyodaya coaches for the next three years, which are available now, are as under:

Type of coach	2017-18 (coaches)	2018-19 (coaches)	2019-20 (coaches)
Humsafar	200	200	200
Deen Dayalu	385	384	392
Antyodaya	160	200	

The modernization/upgradation of rail coaches of Mainline trains as a continual process is carried out based on availability of capacities/funds.

The zone-wise holding of coaches of Indian Railways, as on 31.03.2016 is as below:

Zonal Railway	Number of coaches
Central Railway	5241
Eastern Railway	4241
East Central Railway	3761
East Coast Railway	2572
Northern Railway	6659
North Central Railway	1473
North Eastern Railway	2702
Northeast Frontier Railway	2813
North Western Railway	2624
Southern Railway	6784
South Central Railway	4686
South Eastern Railway	3389

South East Central Railway	1146
South Western Railway	3439
Western Railway	4639
West Central Railway	1415
Total	57584

Indian Railways undertakes Mid-Life Rehabilitation (MLR) of Mainline coaches in a programmed manner depending upon the capacity and availability of funds. During 2016-17 (upto February 2017), 766 such coaches underwent MLR. It is planned to do MLR for around 1000 coaches in 2017-18.

As a part of MLR, selected number of coaches are being refurbished. Refurbished *coaches* with improved *interiors, vibrant colour scheme, additional amenities, etc. have been inducted in the* Mahamana Express running between New Delhi and Varanasi. *Additional* coaches are taken up for refurbishing based on sanctions under the Rolling Stock Programme and availability of capacities/funds.

This Press Release is based on the information given by the Minister of State for Railways Shri Rajen Gohain in a written reply to a question in Rajya Sabha on 31.03.2017 (Friday).

AKS/MKV/AK/SM

(Release ID: 1486321) Visitor Counter : 91

