

Detailed Project status as on 16.08.2017

| | Project | Status and Achievements during the month | | | | | | | | | | | | | | | | | | |
|----------------------------------|--|--|-------------------------|--------------|--------------|----------------------------------|-------------------|-----------------|----------------------------------|----------|-----------------|----------------------------------|-------------------|----------|----------------------------|----------|--------|----------------------------|----------|-----|
| 1. | Passenger Reservation System | <p>During the month of July, 2017, total of 5.90 crore passengers were booked from 10,116 PRS Terminals (excluding virtual terminals assigned to IRCTC) at 3,438 locations resulting in total earnings of ₹3419.57 crore.</p> <p>In the corresponding period of July, 2016, total of 5.68 crore passengers were booked from 13,019 PRS Terminals (including virtual terminals assigned to IRCTC) at 3,413 Locations resulting in total earnings of ₹3303.36 crore.</p> | | | | | | | | | | | | | | | | | | |
| 2. | Enhanced E-Ticketing / NGeT System for Indian Railways | <p>Ticket Booking Statistics:</p> <table border="1" data-bbox="576 707 1382 949"> <tr> <td>Maximum booking per day</td> <td>06/07/17</td> <td>7,63,686</td> </tr> <tr> <td>Maximum booking during 08-09 hrs</td> <td>14/07/17</td> <td>59,383</td> </tr> <tr> <td>Maximum booking during 10-11 hrs</td> <td>29/07/17</td> <td>60,967</td> </tr> <tr> <td>Maximum booking during 11-12 hrs</td> <td>27/07/17</td> <td>1,45,445</td> </tr> <tr> <td>Maximum booking per minute</td> <td>29/07/17</td> <td>15,099</td> </tr> <tr> <td>Maximum booking per second</td> <td>12/07/17</td> <td>583</td> </tr> </table> | Maximum booking per day | 06/07/17 | 7,63,686 | Maximum booking during 08-09 hrs | 14/07/17 | 59,383 | Maximum booking during 10-11 hrs | 29/07/17 | 60,967 | Maximum booking during 11-12 hrs | 27/07/17 | 1,45,445 | Maximum booking per minute | 29/07/17 | 15,099 | Maximum booking per second | 12/07/17 | 583 |
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| 3. | Unreserved Ticketing System (UTS) | <p>UTS is functioning at a total of 5981 locations on Indian Railways.</p> <table border="1" data-bbox="576 1041 1382 1249"> <thead> <tr> <th></th> <th>July 2017</th> <th>July 2016</th> <th>Increase / decrease</th> </tr> </thead> <tbody> <tr> <td>Passengers served</td> <td>64.18 crore</td> <td>61.87 crore</td> <td>3.74%</td> </tr> <tr> <td>Earning</td> <td>Rs. 1679.01 crore</td> <td>Rs. 1706.91 crore</td> <td>-1.63%</td> </tr> </tbody> </table> <p>On an average, UTS served 2.07 crore passengers and earned ₹47.22 crore each day in July 2017.</p> | | July 2017 | July 2016 | Increase / decrease | Passengers served | 64.18 crore | 61.87 crore | 3.74% | Earning | Rs. 1679.01 crore | Rs. 1706.91 crore | -1.63% | | | | | | |
| | July 2017 | July 2016 | Increase / decrease | | | | | | | | | | | | | | | | | |
| Passengers served | 64.18 crore | 61.87 crore | 3.74% | | | | | | | | | | | | | | | | | |
| Earning | Rs. 1679.01 crore | Rs. 1706.91 crore | -1.63% | | | | | | | | | | | | | | | | | |
| 4. | Freight Operations Information System (FOIS) | <p>The E-payment facility has been provided to a total of 1020 customers.</p> <p>E-Payment facility for 5 new customers was commissioned during this month. In addition, facility of 80 existing customers was also extended after expiry of LC / BG.</p> <p>A total of ₹6842.24 crore (₹220.7 crore per day) of freight payment was done through e-payment during July 2017 which is 80.77% of the total freight revenue in the month.</p> | | | | | | | | | | | | | | | | | | |
| 5. | Retiring Room booking | <p>Retiring room application is now running at 498 locations (497 of these also provide booking over internet).</p> <table border="1" data-bbox="576 1785 1402 2016"> <thead> <tr> <th></th> <th>Rooms Booked</th> <th>Net Earnings</th> </tr> </thead> <tbody> <tr> <td>Booked on the Terminals</td> <td>39,610</td> <td>₹ 1,15,27,220/-</td> </tr> <tr> <td>Booked on Internet</td> <td>25,383</td> <td>₹ 1,23,17,560/-</td> </tr> </tbody> </table> | | Rooms Booked | Net Earnings | Booked on the Terminals | 39,610 | ₹ 1,15,27,220/- | Booked on Internet | 25,383 | ₹ 1,23,17,560/- | | | | | | | | | |
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| 6. | Handheld Terminals (HHTs) for TTEs | Pilot project has been implemented in selected trains. PO for replacement of Hardware of Central Architecture issued to NICS. Tender for replacement of software opened on 15/05/2017. |
| 7. | PRS Data Warehouse Upgradation | PRS Data Warehouse holds data from 2004 onwards; 163 reports have been posted on the PRS Data Warehouse website (www.dw.indianrail.gov.in), and ad-hoc reports are prepared as and when required. |
| 8. | WAP & SMS Gateway for PRS and NTES Website | The Pre-Chart SMS alerts are being sent once a day, beginning from 5 days before the journey date. Alerts are also sent post charting (which is done approx. 3 - 4 hours before train departure). On an average approximately 1.5 lakh SMS alerts are being sent on daily basis. |
| 9. | Crew Management System (CMS) | CMS Lobbies Phase I commissioned - 389, Biodata -1,12,500, Call Served – 60,844 Phase II Commissioned - 228 |
| 10. | Software for Electric Locomotive Asset Management (SLAM) | SLAM roll out completed in Four Electric Loco Shed i.e. BRC, AQ, BL & NKJ along with associated TLC's and Trip Sheds. Locomotive Asset Management System (LAMS, [SLAM+LMS]) DE Sanctioned Released SLAM application Version 1.76 to 1.85 |
| 11. | Time Table Management System (Satsang) | Satsang integration with ICMS application has been completed for new services. Version 4.0.1 is in operation. |
| 12. | Control Office Application (COA) | Application is running in all 77 division / area Control Offices. Rs. 21.85 crore funds has been released against O&M for the year 2015-16. |
| 13. | Integrated Coaching Management System (ICMS) | ICMS has been upgraded and is now running on the latest hardware platform. Integration with SATSaNG has been facilitated to capture master data i.e. train profile and route of new trains from SATSaNG to ICMS. |
| 14. | National Train Enquiry System (NTES) | WebNTES has been migrated to new hardware and is running at enquiry.indianrail.gov.in . Core NTES application is being upgraded to new hardware. Map features have been provided in the WebNTES. A popular Mobile app is available for NTES as well. |
| 15. | E-procurement System | 40,174 tenders were issued through the system and 2,127 vendors have been registered in the system in July 2017. 31 new bidders for have been registered for e-auction. So far 14.71 lakh tenders have been issued through the system. |

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| | | 8,354 vendors have been registered upto July 2017. Value of Scrap Sale through IREPS is ₹11327.86 cr. so far. | | | | |
| 16. | Material Management Information System (MMIS) | <p>Switch over of Zonal Railways from their individual MMIS to IMMIS is complete. HQ Purchase Module & Depot Module have been rolled out in all Zonal Railways of IR.</p> <p>IMMS is integrated with IREPS for direct uploading of tenders from IMMS to IREPS and transfer of Bid data back to IMMS for online purchase order preparation.</p> <p>IMMS is integrated with IPAS for providing purchase order and material receipt / acceptance data for online vendor payment process in IPAS.</p> <p>Purchase order prepared in IMMS is being delivered to vendors online.</p> <p>Digitization of Stores Depot activities is under progress.</p> | | | | |
| 17. | Workshop Management System Phase 2 (WISE-II) | <p>Application is running in 5 Workshops: Lower Parel, Charbagh, Raipur, Lalaguda and Liluah.</p> <p>As per Board's instructions, two more workshops have been taken up for implementation.</p> | | | | |
| 18. | Locomotive Management System (LMS) | <p>The system is running as Pilot in the 3 diesel sheds TKD, LDH, Alambagh and DLI, FZR and LKO divisions. Further rollout is in progress.</p> <p>NR has been instructed by Board to keep the pilot applications running in the sheds.</p> | | | | |
| 19. | Freight Maintenance Module (FMM) | Pilot application is running in TKD, DDL (Ludhiana) and Dadri. Pilot Systems are being improved through in-house development. Rollout is in progress. | | | | |
| 20. | Health Management Information System (HMIS) | New work of Hospital Information Management System has been sanctioned in 2015-16. Scoping of the work is being undertaken in consultation with Board and Northern Railway. | | | | |
| 21. | Parcel Management System | Period | PWB / LT | Increase (%age) | Revenue (₹ cr) | Increase (%age) |
| | | July 2017 | 276706 | Decrease by .99% | 41.43 | 14.38 |
| | | July 2016 | 279156 | | 36.21 | |
| | | In PMS 87 Locations in NDLS-HWH, NDLS-MAS and HWH-MAS sections are functioning. | | | | |
| 22. | Track Management System (TMS) | TMS is in operation in all Zones and Divisions of Indian Railways. | | | | |
| 23. | Works Program | Works program processing and sanctioning module has been | | | | |

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| | Management System (WPMS) | implemented on entire Indian Railway. |
| 24. | Railway Land Management System | Land Data is being obtained from Zonal Railways and incorporated in Track Management System module. |
| 25. | RPF Security Management System (RSMS) | Control Room Messaging (CRM), Special Intelligence Bureau (SIB) and Crime Records and Registers (CRR) Modules, Miscellaneous Crimes (MC) and Monthly Crime Review (MCR) modules are working in live environment. Software changes are being made as per requests from authorized end users through helpdesk / email / telephone. |
| 26. | Case Monitoring System for OSD/PRI, Rly Bd | Operation and Maintenance (O&M) support has been provided to the application modules implemented. |
| 27. | SECROADS – E Working AMC | The application is running in SECR. The system is under remote support through resource posted at CRIS HQ office. |
| 28. | TDMS – Traction Distribution Management System (Pilot project) | The work was sanctioned by Railway Board through MRVC. TDMS pilot is under development. |
| 29. | EEMS – Electrical Energy Management System - Improving Energy Efficiency over Indian Railways System | “Rail Saver” Website is available at https://www.railsaver.gov.in . Equipment for “Pilot demonstration of Energy Efficient Technology on IT platform through 500 AMR Meters” has been installed and commissioned and handed over to user. IT Hardware has been commissioned. Major software modules have been developed and put in use. Users have been trained. Enhancement of software is in progress. |
| 30. | (i) Integrated ICT System project at Rail Wheel Plant at Bela ii) ERP Project DLW Varanasi iii) Integrated ICT System project at Modern Coach Factory at Rae Bareilly | Tender for a comprehensive information system for all three PUs is under evaluation. Network has been provided at RWP/Bela and MCF/RBL, Datacenter has also been provided at RBL. |
| 31. | Disaster Recovery System for PRS | Data replication is continuing from all PRS centres to PRS DR centre at Secunderabad. New storage devices (HP-3PAR) have been installed in primary and DR locations. Secondary network for use in case of major disaster has been tested in the Southern, Northern and Western Region and part of the Eastern Region, and test tickets have been printed. |
| 32. | Automatic | Technology enhanced to global standards, MOU signed with GS1 |

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| | Identification of Rolling Stock using RFID | India (Ministry of Commerce) for application of standards. RFID tags to latest specifications have been included as standard equipment in all newly manufactured wagons. The tags have been fitted in over 100 wagons till date. Trials are being conducted on Gatimaan coaches also. |
| 33. | GIS Map & Geospatial Database for Indian Railway assets | Tender for hardware is under preparation. Data from NRSC, ISRO is being used for preparation of base map. |
| 34. | Implementation of Network Security Infrastructure at 5 PRS / UTS datacentres and RIDC at CRIS | <p>All Network security sub-systems (except NAFT) have been installed in the Central DC i.e. RIDC and PRS/UTS DCs at New Delhi, Chennai, Kolkata, Mumbai-CSTM.</p> <p>Installation in CCG DC at Mumbai will be done once space and electrical power supply is made available by W.Rly.</p> |
| 35. | Signaling maintenance management system (SMMS) | Detailed estimate has been sanctioned by Railway Board. MOU has been signed with NR. Further work is in progress. |
| 36. | Real-time Train Information System (RTIS) | <ul style="list-style-type: none"> •The project for implementation of Real-time Train Information System (RTIS) has been transferred by Railway Board from Plan Head-33 to Plan-Head 17 in July, 2016 with CAO/FOIS as the nodal officer. •MoU has been signed between CRIS and Space Applications Center (SAC), ISRO for this project in Dec, 2016 and a joint working group for RTIS implementation has also been formed. As per MoU, System planned to be commissioned by June, 2019 •MoU also signed with CAO/FOIS on 14th March, 2017. •Work for trials on NDLS-GHY & NDLS-BCT Rajdhani trains using S/C transponders on GSAT-6 satellite is currently ON. All central sub-systems including CLS, LMCS, Hub components and RTIS Loco device Hardware/Software done. •RTIS device installed in 6 WAP-7 locomotives and end-to-end testing & tuning in progress |
| 37. | Upgradation of Network Management System (NMS) for UTN and FOISnet. | <ul style="list-style-type: none"> •Central NMS Hardware & Software has been installed •Installation & fine tuning of Fault Mgmt module (Network as well as Servers), Traffic Analysis module, Network Configuration Mgmt modules have been completed. •Fine-tuning of Business Service Dashboards, event correlation & performance mgmt is in progress- About 95% work completed •Delivery & installation of monitoring consoles/PCs & Printers at zonal/divisional Hqs has been completed in all zonal railways except WR, CR & NR. •Trainings on operations of NMS (fault & performance management) for railways have been completed at 10 zonal railways (NFR, ECoR, SCR, SR, SWR, SECR, NCR, NER, ER & WCR). Trainings in remaining zonal railways are scheduled in Aug & Sept 2017. |

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| 38. | Integrated Payroll and Accounting System (IPAS) and Web-enabled Railway Budget System | Key modules of IPAS have been rolled out in all Zones of Indian Railways. Other modules are under implementation. Web-enabled Railway Budget System has been implemented. |