

Detailed Project status updated as on 18.09.2017

	Project	Status and Achievements during the month																					
1.	Passenger Reservation System	<p>During the month of August, 2017, total of 5.61 crore passengers were booked from 10,128 PRS Terminals (excluding virtual terminals assigned to IRCTC) at 3,435 locations resulting in total earnings of ₹3245.23 crore.</p> <p>In the corresponding period of August, 2016, total of 5.43 crore passengers were booked from 13,021 PRS Terminals (including virtual terminals assigned to IRCTC) at 3,430 locations resulting in total earnings of ₹3084 crore.</p>																					
2.	Enhanced E-Ticketing / NGeT System for Indian Railways	<p>Ticket Booking Statistics:</p> <table border="1" data-bbox="576 725 1378 965"> <thead> <tr> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Maximum booking per day</td> <td>10/08/17</td> <td>7,55,559</td> </tr> <tr> <td>Maximum booking during 08-09 hrs</td> <td>30/08/17</td> <td>57,853</td> </tr> <tr> <td>Maximum booking during 10-11 hrs</td> <td>10/08/17</td> <td>87,014</td> </tr> <tr> <td>Maximum booking during 11-12 hrs</td> <td>10/08/17</td> <td>1,50,145</td> </tr> <tr> <td>Maximum booking per minute</td> <td>05/08/17</td> <td>17,844</td> </tr> <tr> <td>Maximum booking per second</td> <td>20/08/17</td> <td>709</td> </tr> </tbody> </table>				Maximum booking per day	10/08/17	7,55,559	Maximum booking during 08-09 hrs	30/08/17	57,853	Maximum booking during 10-11 hrs	10/08/17	87,014	Maximum booking during 11-12 hrs	10/08/17	1,50,145	Maximum booking per minute	05/08/17	17,844	Maximum booking per second	20/08/17	709
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3.	Unreserved Ticketing System (UTS)	<p>UTS is functioning at a total of 5976 locations on Indian Railways.</p> <table border="1" data-bbox="576 1055 1378 1263"> <thead> <tr> <th></th> <th>Aug 2017</th> <th>Aug 2016</th> <th>Increase / decrease</th> </tr> </thead> <tbody> <tr> <td>Passengers served</td> <td>61.95 crore</td> <td>62.18 crore</td> <td>-0.37%</td> </tr> <tr> <td>Earning</td> <td>Rs. 1597.78 crore</td> <td>Rs. 1652.54 crore</td> <td>-3.31%</td> </tr> </tbody> </table> <p>On an average, UTS served 1.99 crore passengers and earned ₹51.54 crore each day in Aug 2017.</p>		Aug 2017	Aug 2016	Increase / decrease	Passengers served	61.95 crore	62.18 crore	-0.37%	Earning	Rs. 1597.78 crore	Rs. 1652.54 crore	-3.31%									
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4.	Freight Operations Information System (FOIS)	<p>The E-payment facility has been provided to a total of 1027 customers.</p> <p>E-Payment facility for 7 new customers was commissioned during this month. In addition, facility of 57 existing customers was also extended after expiry of LC / BG.</p> <p>A total of ₹6694.8 crore (₹215.96 crore per day) of freight payment was done through e-payment during Aug 2017 which is 81.14% 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 1800 1401 2024"> <thead> <tr> <th></th> <th>Rooms Booked</th> <th>Net Earnings</th> </tr> </thead> <tbody> <tr> <td>Booked on the Terminals</td> <td>39,942</td> <td>₹ 1,17,24,256/-</td> </tr> <tr> <td>Booked on Internet</td> <td>22,287</td> <td>₹ 1,09,29,335/-</td> </tr> </tbody> </table>		Rooms Booked	Net Earnings	Booked on the Terminals	39,942	₹ 1,17,24,256/-	Booked on Internet	22,287	₹ 1,09,29,335/-												
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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 -1,13,213, Call Served – 59,110 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	30,163 tenders were issued through the system and 2,240 vendors have been registered in the system in Aug 2017. 39 new bidders for have been registered for e-auction. So far 15.02 lakh tenders have been issued through the system.

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		<p>10,594 vendors have been registered upto Aug 2017. Value of Scrap Sale through IREPS is ₹11,604.03 cr. so far.</p> <p>EPS is being migrated from obsolete Broadvision platform to current platforms. NIT and Bidding module has already been switched to the new platform. Publication of all IMMS tenders is through new redesigned IREPS.</p>				
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)	<p>Pilot application is running in TKD, DDL (Ludhiana) and Dadri. Pilot Systems are being improved through in-house development. Rollout is in progress.</p>				
20.	Health Management Information System (HMIS)	<p>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.</p>				
21.	Parcel Management System	Period	PWB / LT	Increase (%age)	Revenue (₹ cr)	Increase (%age)
		Aug 2017	294400	3.2%	47.96	21.29
		Aug 2016	285268		39.54	
		<p>In PMS, 87 Locations in NDLS-HWH, NDLS-MAS and HWH-MAS sections are functioning.</p>				

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22.	Track Management System (TMS)	TMS is in operation in all Zones and Divisions of Indian Railways.
23.	Works Program Management System (WPMS)	Works program processing and sanctioning module has been 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)	<p>Pilot Project has been successfully implemented at the designated 187 locations of WR and CR. Currently pilot project is under O&M since April 2014.</p> <p>MOU for All India Roll out of RSMS signed in Dec 2015.</p> <p>Work Done in All India Roll Out of RMS</p> <ul style="list-style-type: none"> ➤ SAN Augmentation completed capacity enhanced from 2 TB to 10 TB ➤ PO for 865 nos of TSS, printers given in June 2017. Supply started. ➤ Software Enhancements <ul style="list-style-type: none"> ❖ Dashboard module provided in July 2017 ❖ Facility of sending SMS for important RSMS Messages (CRIME, EMERGENCY SR and SOR messages) has been introduced in May 2017 ❖ Provision of working in Hindi provided for all the modules ❖ Audio Video CD provided for all modules for training purpose <p>In house developed Offline Prototype for Railway Act Register implemented in April 17</p>
26.	Case Monitoring System for OSD/PRI, Rly Bd	<p>Designed, developed and implemented for effective monitoring and quick disposal of VIP references including CA-III.</p> <p>Implemented in April 2012. Since then it is under O&M support.</p> <p>75% payment has only been received from Railway Board. Balance payment bill has been raised and sent to Railway Board in 2016 but payment is still awaited.</p>
27.	Call & Appointment Management System (CAMS) for MR	<p>Designed, developed and implemented for managing Appointments, invitations and calls received in the office of Hon'ble MR and action taken on the matters.</p> <p>The application is in LIVE mode since Jan 2015. The initial scope of work has been completed.</p> <p>Hand holding support being provided to the end users. As suggested by MR, PS/MR, OSD/MR and other Railway Board officials, enhancements are being done in the application from time to time.</p> <p>Work sanctioned in WP 2016-17. Detailed Estimate sent to Railway Board for sanction in Oct 2016. Off late the executing agency for the work has been changed from DME/C&IS RB to</p>

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		DGM(G)/NR who will now be responsible for obtaining sanction of detailed estimate from NR.
28.	e-Drishti – A Dashboard for Indian Railways	<p>Designed, developed and implemented as a DSS Dashboard for better monitoring and decision making by the top management of Indian Railways.</p> <p>The application is in LIVE mode since April 2016. The initial scope of work has been completed.</p> <p>Hand holding support being provided to the end users. As suggested by MR, PS/MR, OSD/MR and other Railway Board officials, enhancements are being done in the application from time to time.</p> <p>Detailed Estimate has been firmed up and included in CAMS Detailed Estimate and sent to Railway Board for sanction.</p>
29.	SECROADS – E Working AMC	<ul style="list-style-type: none"> ➤ The application is under remote support through resource posted at CRIS HQ office since April 2014. The current AMC is till 7th Sept 2017. SECR has requested for a 1 month extension. ➤ Proposal for AMC of SECROADS through remote support for 2017-18 has been sent to SECR
30.	TDMS – Traction Distribution Management System (Pilot project)	<p>The work was sanctioned by Railway Board through MRVC.</p> <p>TDMS pilot is under development.</p>
31.	EEMS – Electrical Energy Management System - Improving Energy Efficiency over Indian Railways System	<p>“Rail Saver” Website is available at https://www.railsaver.gov.in.</p> <p>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.</p>
32.	(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	<p>Tender for a comprehensive information system for all three PUs is under evaluation.</p> <p>Network has been provided at RWP/Bela and MCF/RBL, Datacenter has also been provided at RBL.</p>
33.	Disaster Recovery System for PRS	<p>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.</p>

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34.	Automatic Identification of Rolling Stock using RFID	Technology enhanced to global standards, MOU signed with GS1 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.
35.	GIS Map & Geospatial Database for Indian Railway assets	<ul style="list-style-type: none"> ❖ MoU signed between CRIS and Northern Railway in Oct 2016 and the funds were released in March 2017. ❖ Work Done in GIS Project <ul style="list-style-type: none"> ➤ Tender for procurement of hardware infrastructures and its associated software has been floated. Tender opening date is 20th September 2017 ➤ The domain name irgeoportal.gov.in was registered and activated in July 2017. The portal contents were updated as per inputs /suggestions received from ED (TKP) RB and CE (TMS), NR. ➤ A prototype application for Delhi Division Data (provided by NR) has been developed using open source software. ➤ For Station Navigation Information System (SNIS), POI and 360 Degree survey of New Delhi Railway Station has already been done and for Varanasi, NRSC is being asked to give suitable date for 360 degree survey.
36.	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>
37.	Signaling maintenance management system (SMMS)	Detailed estimate has been sanctioned by Railway Board. MOU has been signed with NR. Further work is in progress.

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38.	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
39.	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 September & October, 2017.
40.	Integrated Payroll and Accounting System (IPAS) and Web-enabled Railway Budget System	<p>Key modules of IPAS have been rolled out in all Zones of Indian Railways. Other modules are under implementation.</p> <p>Web-enabled Railway Budget System has been implemented.</p>
41.	IR-Master Data Management Project	<p>The project Phase - 1 has been sanctioned as NR PB 2017-18, Item 217, New Works @ Rs. 41 Crores, with current year outlay of 14 Cr.</p> <p>At present, the DE sent by CRIS to the Nodal Officer /NR (CPM/AR) on 19th July' 17 has been queried, and replied by CRIS on 10th August' 17.</p>