

Detailed Project status updated upto 21.03.2018

	Project	Status and Achievements during the month																		
1.	Passenger Reservation System	<p>During the month of February 2018, total of 5.52 crore passengers were booked from 10,249 PRS Terminals at 3,458 locations resulting in total earnings of ₹3301.58 crore.</p> <p>In the corresponding period of February 2017, total of 5.30 crore passengers were booked from 10,100 PRS Terminals at 3,440 locations resulting in total earnings of ₹3161.60 crore.</p>																		
2.	Enhanced E-Ticketing / NGeT System for Indian Railways	<p>Ticket Booking Statistics:</p> <table border="1" data-bbox="594 638 1386 877"> <tr> <td>Maximum booking per day</td> <td>08/02/18</td> <td>7,80,333</td> </tr> <tr> <td>Maximum booking during 08-09 hrs</td> <td>01/02/18</td> <td>24,984</td> </tr> <tr> <td>Maximum booking during 10-11 hrs</td> <td>08/02/18</td> <td>84,192</td> </tr> <tr> <td>Maximum booking during 11-12 hrs</td> <td>24/02/18</td> <td>1,61,950</td> </tr> <tr> <td>Maximum booking per minute</td> <td>19/02/18</td> <td>17,539</td> </tr> <tr> <td>Maximum booking per second</td> <td>05/02/18</td> <td>570</td> </tr> </table>	Maximum booking per day	08/02/18	7,80,333	Maximum booking during 08-09 hrs	01/02/18	24,984	Maximum booking during 10-11 hrs	08/02/18	84,192	Maximum booking during 11-12 hrs	24/02/18	1,61,950	Maximum booking per minute	19/02/18	17,539	Maximum booking per second	05/02/18	570
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3.	Unreserved Ticketing System (UTS)	<p>UTS is functioning at a total of 5986 locations on Indian Railways.</p> <table border="1" data-bbox="594 968 1386 1178"> <thead> <tr> <th></th> <th>February 2018</th> <th>February 2017</th> <th>Increase / decrease</th> </tr> </thead> <tbody> <tr> <td>Passengers served</td> <td>58.51 crore</td> <td>57.26 crore</td> <td>2.18%</td> </tr> <tr> <td>Earning</td> <td>Rs. 1559.88 crore</td> <td>Rs. 1462.47 crore</td> <td>6.66%</td> </tr> </tbody> </table> <p>On an average, UTS served 2.08 crore passengers and earned ₹55.71 crore each day in February 2018.</p>		February 2018	February 2017	Increase / decrease	Passengers served	58.51 crore	57.26 crore	2.18%	Earning	Rs. 1559.88 crore	Rs. 1462.47 crore	6.66%						
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4.	Freight Operations Information System (FOIS)	<p>The E-payment facility has been provided to a total of 1073 customers.</p> <p>E-Payment facility for 02 new customers was commissioned during this month. In addition, facility of 32 existing customers was also extended after expiry of LC / BG.</p> <p>A total of ₹7883.4 crore (₹281.55 crore per day) of freight payment was done through e-payment during February 2018 which is 82.31% of the total freight revenue in the month.</p>																		
5.	Retiring Room booking	<p>Retiring room application is now running at 503 locations for booking over intranet (502 of these also provide booking over internet).</p> <table border="1" data-bbox="594 1709 1406 1843"> <thead> <tr> <th></th> <th>Rooms Booked</th> <th>Net Earnings</th> </tr> </thead> <tbody> <tr> <td>Booked on Terminals</td> <td>36,991</td> <td>₹ 1,09,18,882/-</td> </tr> </tbody> </table>		Rooms Booked	Net Earnings	Booked on Terminals	36,991	₹ 1,09,18,882/-												
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Project		Status and Achievements during the month		
		Booked on Internet	22,864	₹ 1,06,51,040/-
6.	Handheld Terminals (HHTs) for TTEs	<p>Pilot project successfully implemented in 12 pairs of trains and phased out in April 2016.</p> <p>Trial version of new application is working in 7 pairs of New Delhi-based Shatabdi express trains.</p> <p>Hardware of Central Architecture has been procured from NICSI and has been installed.</p>		
7.	PRS Data Warehouse Upgradation	<p>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.</p>		
8.	WAP & SMS Gateway for PRS and NTES Website	<p>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).</p> <p>On an average approximately 2.5 lakh SMS alerts are being sent on daily basis.</p>		
9.	Crew Management System (CMS)	<p>CMS Lobbies</p> <p>Phase I commissioned - 389, Phase II Commissioned – 216</p> <p>Biodata -1,15,052. Call Served – 63,867</p>		
10.	Software for Electric Locomotive Asset Management (SLAM)	<ul style="list-style-type: none"> • SLAM Rollout Tender estimate prepared and forwarded to Network team for review of network SOR items and corresponding technical specification. • HW/AMC LOI issued. • Extension of 4 shed PO for inclusion of CNB released on 4.1.2018 • Railway Board module of SLAM Roll Out is under development. • RDSO module user interface screen of SLAM Roll Out sent to RDSO for approval. • SLAM mobile app. is under development 		
11.	Time Table Management System (Satsang)	<p>Version 5.0 has been released and training has been imparted to all Zonal / Divisional Controller at concerned Regional Offices.</p>		
12.	Control Office Application (COA)	<p>Application is running in all 77 division / area Control Offices.</p>		

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13.	Integrated Coaching Management System (ICMS)	<p>ICMS has been upgraded and is now running on the latest hardware platform.</p> <p>Integration with SATSaNG has been facilitated to capture master data i.e. train profile and route of new trains from SATSaNG to ICMS.</p>
14.	National Train Enquiry System (NTES)	<p>WebNTES has been migrated to new hardware and is running at enquiry.indianrail.gov.in.</p> <p>Map features have been provided in the WebNTES. A popular Mobile app is available for NTES as well.</p>
15.	E-procurement System	<p>31,846 tenders were issued through the system and 867 new vendors have been registered in the system in Feb. 2018. 50 new bidders for have been registered for e-auction.</p> <p>So far 17.06 lakh tenders have been issued through the system. 7,919 vendors have been registered during the current financial year upto Feb. 2018. Value of Scrap Sale through IREPS is ₹13,007.40 cr. so far since project started.</p> <p>Publication of tenders through old Stores/Supply module (running on Broadvision platform) has been stopped for all types of tenders except those for which financial bids are to be obtained through Reverse auction (RA).</p> <p>Online Tender Decision System is running successfully on all units of IR.</p> <p>E-Tendering for Goods & Services module is running successfully on all units of IR as well as in other organization such as DMRC, MRVC and KRCL.</p> <p>Data replication at DC, NDLS and DR, SC is going on smoothly.</p>

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16.	Material Management Information System (MMIS)	<p>Switch over of Zonal Railways from their individual MMIS to IMMS 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. Among PUs, CLW has started working on IMMS.</p> <p>Reports / financial statements / journals related to store finance implemented in IMMS. Value adjustment vouchers implemented.</p> <p>Major steps in digitalization of depot activities taken. Now digitally signed Receipt Notes and digitally signed Receipted Challan are implemented which are required for payment.</p> <p>Sale issue notes for scrap sold implemented in stores depot working.</p> <p>Data integration with RITES achieved and being used in IMMS.</p> <p>EDP centres of WR taken on IMMS.</p> <p>Medical department of NR, WR & SCR taken on IMMS for procurement activities of medicines.</p>
17.	Workshop Management System Phase 2 (WISE-II)	Application is running in 5 Workshops: Lower Parel, Charbagh, Raipur, Lalaguda and Liluah.
18.	Locomotive Management System (LMS)	The system is running as Pilot in the 3 diesel sheds TKD, LDH, and Alambagh, and in DLI, FZR and LKO divisions. Further rollout is in progress.
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> <p>BPC (Brake Power Certificate) has been tried out using hand-held devices. Format for the BPC generated by the system has been submitted to Board for approval.</p>

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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/ Decrease (%age)	Revenue (₹ cr)	Increase (%age)
		Feb 2018	283195	Decrease by 3.45%	47.34	Increase by 1.53%
		Feb 2017	293305		44.63	
		87 Locations in NDLS-HWH, NDLS-MAS and HWH-MAS sections are functioning.				
22.	Track Management System (TMS)	TMS has been successfully implemented on entire Indian Railways, and hardware / software infrastructure for TMS and BMS has been upgraded.				
23.	Works Program Management System (WPMS)	<ul style="list-style-type: none"> ➤ Works Program 2018-19 completed successfully. ➤ Integration with IPAS application is in-progress for financial expenditure detail. <p>PAMS (Passenger Amenities Management System) has been developed as part of IRPSM Phase-I and running successfully on Pan India basis.</p> <p>IRPSM Phase-2 Supplementary MOU entered with RB.</p>				
24.	Railway Land Management System	<p>Detailed Estimate of Railway Land Management System has been sanctioned on 31.08.2017 as communicated by NR.</p> <p>Land Data is being obtained from Zonal Railways and is being stored in one of the data tables of Track Management System.</p> <p>MOU is under preparation. Work will be initiated on receipt of funds and signing of MOU.</p>				

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25.	RPF Security Management System (RSMS)	<p>Pilot Project has been successfully implemented at the designated 187 locations of WR and CR and is under O&M.</p> <p>All India Roll Out of RMS, PO for 865 nos of TSS, printers given in June 2017. Supply completed at most locations .</p> <ul style="list-style-type: none"> ❖ Rs. 5.22 cr received on 19/01/2018 (amount includes 18% GST) ❖ Bill Raised for 3.13 Cr on 24/01/2018 (Amt includes 18% GST) ➤ RE for 2017-18 sent to CSC , NR with a total cost implication of Rs. Rs.207.88 lakhs (Base Amount – Rs 176.17 lacs + GST component – Rs 31.71 lacs). The estimates have already vetted by CRIS finance. ➤ Bill for 1.22 Cr for RE for RSMS of 2015-16 sent to DIG(Projects)
26.	Case Monitoring System for OSD/PRI, Rly Bd	Designed, developed and implemented for effective monitoring and quick disposal of VIP references including CA-III.
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>Hand holding support being provided to the end users. As suggested by MR Cell officials, enhancements are being done in the application from time to time.</p> <p>DE has been withdrawn from DGM(G)/NR and being sent to MD/CRIS.</p>
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>
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. ➤ Proposal for AMC of SECROADS through remote support for 2017-18 has been sent to SECR, LOA has been received for the next AMC
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>

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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.	Integrated ICT System project at i)RWP, Bela ii) DLW Varanasi iii) MCF, Rae Bareli	<p>Tender for a comprehensive information system for all three PUs has been discharged. Further course of action is being decided.</p> <p>Network has been provided at RWP/Bela and MCF/RBL, Datacenter has also been provided at RBL.</p> <p>Tender for CAD/PLM system has been floated.</p>
33.	Disaster Recovery System for PRS	<p>Data replication is continuing from all PRS centres to PRS DR centre at Secunderabad. A DR drill was conducted on 04/02/2018 to switchover the Chennai primary system to the DR system and switchback after live transactions. Users accessed the DR system over the secondary network during the drill. The drill was successful and over one lakh transaction were executed on DR Server</p>
34.	Automatic Identification of Rolling Stock using RFID	<p>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 2500 new wagons till date.</p> <p>Tender for tagging of 12000 existing wagons is under preparation.</p> <p>Trials for fitment of tags have been completed on Gatimaan coaches.</p>
35.	GIS Map & Geospatial Database for Indian Railway assets	<ul style="list-style-type: none"> ➤ The website ‘irgeoportal.gov.in’ is operational. ➤ PO for hardware and software issued to vendor, delivery expected in February. ➤ Tender for Handheld GPS device for survey and system software and Land Plan Geo-referencing: Tender under issue. ➤ 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 and Varanasi has been jointly done by CRIS, Railways and NRSC, ISRO; and linked to geo-portal. ➤ A prototype application for SNIS for New Delhi Railway station is developed using open source software; and application for Varanasi is currently under development.

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		<ul style="list-style-type: none"> ➤ Route Data Preparation System (RDPS) Survey Data is already received for DLI, UMB, KTT, JBP Divisions. RDPS data of Western Railway for BCT, BRC, RTM, ADI, RJT and BVP received on 19.01.2018 : Under processing
36.	Implementation of Network Security Infrastructure at 5 PRS / UTS datacentres and RIDC at CRIS	<ul style="list-style-type: none"> ➤ 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. ➤ W.Rly. has provisioned the electrical power supply at CCG DC in Jan'18 which was long pending. Further Installation of security infra. is being taken up.
37.	Signaling maintenance management system (SMMS)	<ul style="list-style-type: none"> ➤ Hardware and software infrastructure has been received and is under installation. ➤ 50% payment has been received as per MoU. ➤ Tender for netbooks / tablets is under finalisation. ➤ Maintenance formats for all electrically operated gears based on formats provided by NR have been developed. These have been sent for review to Railways and Railway Board apprised.
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. MoU also signed with CAO/FOIS on 14th March, 2017. • Trials on NDLS-GHY & NDLS-BCT Rajdhani trains using S/C transponders on GSAT-6 satellite have been done and were successful. Trial report submitted to Rly Board after concurrence by SAC/ISRO. • Roll out of Phase-1 as approved by Rly Board to done now. Revised DE for RTIS phase-1 roll out has been approved by MD. Tender for RTIS phase-1 implementation has been floated.
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, Business Service Dashboards & event correlation modules have been completed. Network Configuration Mgmt & performance Mgmt modules have been upgraded to latest version. • Fine-tuning of performance mgmt module 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.

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		<ul style="list-style-type: none"> • Trainings on operations of NMS (fault & performance management) for Railways have been completed at 12 Zonal Railways (NFR, ECoR, SCR, SR, SWR, SECR, NCR, NER, ER, SER, WCR& ECR). Trainings schedule for remaining Zonal Railways is awaited from Railways.
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 @ ₹ 41.95 crore, with current year outlay of ₹ 14 Cr.</p> <p>DE had been sent to Nodal Officer /NR (CPM /AR) on 19/07/2017. Since 24/09/2017, RB has shifted Nodal Officer to CAO /FOIS /NR, and CRIS has again sent the DE to CAO office on 26/09/2017.</p>
42.	Enterprise Service Bus project (ESB)	Tender has been floated, to be opened on 26/02/2018
43.	Data Analytics Unit	DAU is confined to PRS/UTS for which DE has been sanctioned by MD/CRIS. MoU with NR is under progress.