

Progress for the month of April 2022

Highlights

1 *Control Office Application (COA)*

- 1.1 About 5.25 lakh Arrival/ Departure/ Run Through events are now being updated daily by all Divisions in Control Office Application. The daily Arrival/ Departure/ Run Through updates from RTIS/ REMMLOT are about 88000.
- 1.2 An inspection, alongwith PED/ Coaching and ED/ Signal/ Railway Board, of Centralised Traffic Control/ Tundla for its integration with COA was conducted on 08.04.2022. The CTC provider company has to make software modifications for making the CTC more useful.
- 1.3 Data from about 5000 Locos fitted with REMMLOT/RTIS Devices and about 550 locations with Data loggers is being updated in COA.
- 1.4 Total 134 integrations have been implemented through Enterprise Service Bus.

2 *Crew Management System (CMS)*

CMS Ver 6.7.4 released

- Traffic Performance Indicator:
Traffic Performance Indicator has also been enhanced for viewing performance at lobby level, division level, Zonal level and IR level.
- Enhancement in Suburban>Sign On/Off Report (Provided trifurcation in summary of Sign On/Off such as Kiosk Sign On/Off, Supervisor Sign On & CME Sign On/Off).

3 *Software Aided Timetable Management System (SATSaNG)*

- 3.1 Multi-Factor authentication (Captcha and OTP-based login) has been implemented in SATSaNG Application for enhanced cyber security.
- 3.2 The SATS-MIS website has also been enhanced with Multi-Factor authentication (Captcha and OTP-based login).
- 3.3 Integration with EPS for scheduled timings of trains has been completed

4 *Enhanced E-Ticketing System for Indian Railways*

Android Mobile App

- 4.1 Android IRCTC Rail connect version 4.1.20, 4.1.21, 4.1.22, 4.1.23 released on 06-Apr-2022, 20-Apr-2022, 22-Apr-2022, 29-Apr-2022 respectively and IRCTC Rail Connect - for Rail Saarthi version 5.1.18, 5.1.19, 5.1.20 & 5.1.21 released on 06-Apr-2022, 20-Apr-2022, 22-Apr-2022, 29-Apr-2022 respectively on Google Play store

Enhancements

- Mobile and email added to Booking Details page of Mobile App.
- Travel Insurance option, "NO" option will be default selected.
- Random display of premier partner section.
- Text added on Fare Breakup Page.

- Booking, Ticket Detail UI Change.

iOS Mobile App

- iOS IRCTC Rail connect version 3.1.19 released on 09-Apr-2022 on App Store.

Enhancements

- Changes on the Train List Page.
- Random display of premier partner section.

5 *Passenger Reservation System (PRS)*

Modernization of CONCERT Phase-1

MIS ON RDBMS

As per the NAAT (National Security Council Secretariat Audit and Assurance Team) audit report, the critical issue pointed out has been rectified for PRIMES (Passenger Reservation Information Management Enhanced System) application and PRATIG (Passenger Reservation Accounting Text Information Generator).

CORE

Launch of 2 booking terminals at BSP location was done successfully.

Modernization of CONCERT Phase-2

CORE Module

- 5.1 Changes were done for introduction of new classes and other enhancements done during mass compilation.
- 5.2 Legend message printing for Vistadome coach.
- 5.3 Issue in time based checks based on terminal type.
- 5.4 Production issues reported by Railways were fixed.

CONCERT

Uptime of applications of all 4 sites during the month: 100%

Major release (Mass Compilation) has been implemented for the following enhancements in PRS CONCERT.

- PRS application does not have the facility to define 120 berths in 2S LHB coaches, now the berth capacity has been increased from 114 to 160 for a coach. Also provision provided for defining Vistadome AC, Vistadome Non-AC and Executive Classes.
- New Upgraded logic has been implemented to cater Vistadome AC, Vistadome Non-AC and Executive Classes.

6 *Unreserved Ticketing System (UTS)*

- 6.1 Provision of printing Tamil or Malayalam regional language for the locations of Puducherry UT through UTS, ATVM and Mobile app.
- 6.2 Support to Zonal Railways.
- 6.3 Total number of Railway calls resolved: 4774 (For All Zones).
- 6.4 No. of Thin client configured/reconfigured: 628 (For All Zones).
- 6.5 No. of ATVM configured/reconfigured: 130 (For All Zones).

6.6 No. of SMC configured/reconfigured: 55 (For All Zones).

7 *Freight Operations Information System (FOIS)*

- 7.1 Capturing of LC for traffic to Bangladesh implemented.
- 7.2 Rail Green Point Logic added.
- 7.3 Check on Wagon Txns from Pure Wagon Master implemented.
- 7.4 Congestion Surcharge on Traffic from Port implemented.
- 7.5 Revision in Wharfage Free time for Group-3 Terminal.
- 7.6 Restriction in Indent pertaining to Maize over ECR & NF.
- 7.7 Haulage charge for movement of 'BAFRDR' wagon type.
- 7.8 View of "Wagons Unfit for Loading" given to ZRs.
- 7.9 Implementation of RB Circular allowing validity of CC BOXN Rakes for 10000 Kms & 40 Days.
- 7.10 WRF of Wheat traffic booked for ports.
- 7.11 Demurrage Waiver changes ,Empty Weighment added.
- 7.12 New Task for Zones to feed COAL Rake Plan, Loading for PHs & Update Stock Position at Critical PHs.
- 7.13 Data Services for Vedanta, WBPDCCL & CONCOR Implemented.
- 7.14 Implemented Special Premium Pattern of Exam of BCN Rake Type with Validity of 25 Days with 1 time Intensive Exam provision.
- 7.15 49 RCs issued by RB added in FOIS.
- 7.16 6 New In-motion Weighbridges and 1 Preweighbin configured in FOIS for integration. 11 locations upgraded from Test to Live mode.
- 7.17 8 new customers added for E-Payment .

8 *Software for Locomotive Asset Management (SLAM)*

SLAM ROLLOUT :

- 8.1 Networking passive components have been delivered at all 27 sheds and commissioned at 05 sheds (LDH, BZA,JHS, NKJ & CNB) and work is under progress at 08 sheds (KYN,KZJ,AQ,MGS, ET, RPM , LGD & HWH). TSS (Terminal Support System) equipment has been supplied at 20 sheds, 2 POH workshops, 8 Trip sheds and material is under transit for remaining 07 sheds, 04 POH workshops, 16 Zonal HQ TLCs, RB and 18 Trip sheds.
- 8.2 Set up and master data have been loaded at test server for all ELS, 48 Trip shed & 49 TLCs and the same is under testing. Historical data has been loaded at test server for 18 ELS, 40 Trip shed & 46 TLC and is under testing.

9 *Freight Maintenance Management (FMM)*

- 9.1 As per RB direction, provision made for Special Premium BPC and its pdf designed.
- 9.2 Training imparted to the Railway users on FOIS-FMM integration in the month - 38 Man Hours.

- 9.3 Training imparted to IRIMEE in the month - 40 Man Hours.
- 9.4 FMM Usage: a total of 10,846 nos. of BPCs have been generated by 153 freight yards across IR during April 2022. Since the implementation of FMM, 153 is the highest number of freight yard using FMM during a month.

10 Automated Wagon Track and Trace System (RFID)

- 10.1 Tagging completed in 1,16,422 wagons and 6,014 coaches up till 30 th April 2022.
- 10.2 In April 2022, 8,567 wagons and 138 coaches were freshly tagged.
- 10.3 Work of tagging of 20,000 coaches has been awarded to M/s RITES for tagging of existing coaches over identified various depot and workshop over IR.
- 10.4 60 nos. of portable reader have been supplied by M/s Ecarts and same are under checking / testing at CRIS.

11 Production Units

RWP BELA

Data of more than 50,000 wheels has been fed so far. Training, Demonstration, Testing, Development of balance modules & Enhancement is under progress.

Enterprise Information System Varanasi

Data being regularly fed. Training, Demonstration, Testing, Development of balance modules & Enhancement is under progress.

Rail Kaushal Vikas Yojana:

Data being regularly fed. Training, Demonstration, Testing, Development of balance modules & Enhancement is under progress.

Modern Coach Factory, Rae Bareli

- Data being regularly fed. Training, Demonstration, Testing, Development of balance modules & Enhancement is under progress.
- Wagon Design Project: Requirement and Development is under progress.
- PMW warranty Project: Requirement and Development is under progress.

12 Integrated Payroll and Accounting System (IPAS)

- 12.1 In compliance to Railway Board's RBA No. 26/2022 dated 07/04/2022, feature for online verification of Bank Guarantee has been released in IPAS.
- 12.2 In compliance to Railway Board's RBA No. 19/2022 dated 09/03/2022, changes have been made to validate length of HSN/SAC on the basis of turnover of supplier in preceding financial year. System will ensure minimum length of HSN/SAC as below:-
- Turnover in preceding financial year is up to 5 crores : HSN/SAC of 4 digits.
 - Turnover in preceding financial year is more than 5 crores : HSN/SAC of 6 digits.
- 12.3 In compliance to Railway Board's Letter No. 2022/RS (M)/Paperless Working/1 dated 20/04/2022, registration of Non-Stock stores bills (Except GeM and Refund Bills) through offline mode has been disabled for purchase orders generated after 31/12/2021.

- 12.4 In compliance to Nodal Railway's Letter No. AC/ENG/IPAS/DA/2022 dated 07/04/2022, DA rate has been enhanced from 31% to 34% w.e.f. 01/01/2022 and payment of arrears have been made for the DA as per increased rate since January 2022.

13 e-Drishti / RailDrishti - A Dashboard for Indian Railways

- 13.1 Data initialization, archival and validation in eDrishti statistics at the end of FY 2021-22 and start of FY-2022-23
- 13.2 Renaming of DMW as PLW (Patiala Locomotive Works) throughout eDrishti for Master data as well as for all transactional data.
- 13.3 Production level integration set up for connecting Rail Kaushal Vikas Yojna (RKVY) data in edrishti.
- 13.4 Design, development and rollout of new reports and new validations for Sectional Speed upto 110 kmph.

14 Master Data Management System (MDMS)

- 14.1 IR Asset Dashboard: For Station, Loco & Coach on Home page (at <http://mdms-ng-dev.s3-website.ap-south-1.amazonaws.com>) to give status on Users registered & Status on Asset wise Cleansing through charts.
- 14.2 IR Wagon - Wagon Master data - total wagons: 3,45,352
- 14.3 IR Loco MDMS: - Total Locos 14,443, Sheds 142 ;
- 14.4 IR Stations MDMS: - Total IR Stations 11,968, Divisions: 74
- 14.5 IR Coach MDMS: Total IR Coaches: 1,06,879. Depots: 295,
- Reserved Coach Types Mapped: 56 /94.
 - Physical Layout uploaded :- 37/446
 - Seating Layout uploaded :- Zero
- 14.6 IR HR-MDMS: HR-MDM built on one time dump of Emp Master of HRMS.

15 Enterprise Architecture for Indian Railways (IREA)

- 15.1 API Gateway (Pravah) - 102 APIs published with 310 distinct end-points.
- 15.2 5.84 lakh transactions executed through Pravah to access 230 backend resources through 74 APIs during the month.
- 15.3 Integration of OMRS Cyber Physical System (IoT based application) with FMM/CMM through APIs through Pravah under testing
- 15.4 EA project - VISTAR - A meeting was conducted in the Committee Room of Railway Board at 1100 hrs on Friday, 01/04/2022, to discuss and validate the goals and objectives identified for the Passenger Enterprise Architecture of IR.
- 15.5 Development of Application and Technology architecture has been initiated.

16 GIS Map & Geospatial Database for Indian Railways Assets

Following activities have been performed in GIS application:

- 16.1 On track RDPS data from 68 divisions totaling 64,952 RKM has been received and published so far.

- 16.2 TMS Asset ID matching with RDPS data of all divisions have been done and exception report communicated to concern divisions for further matching/correction. So far, 73.34% of civil engineering asset have been matched.
- 16.3 Survey of Off-track data (including station yard lines) using handheld device- Completed data from 40 Divisions & 5 PUs and partial data from 16 Divisions has been received for checking and processing so far. Data is being received from 11 divisions and 5 PUs for submission and is in checking and processing phase. Data for 31 divisions and 4 PU already published.
- 16.4 New modules to provide editing facility and add data facility for field officials and also a new query app have been developed for application.
- 16.5 Digitization of main line tracks alignment of 13 divisions completed so far.

17 IR E-Procurement System (IREPS)

- 17.1 In a major achievement, Leasing e-Auction Module for leasing of Assets has been rolled out in 11 divisions of Indian Railways and for remaining divisions it is expected to be rolled out by the end of May 2022.
- 17.2 Improvement in Internet Security by making IREPS Signer mandatory for Railway users.
- 17.3 To improve user interface and improve accountability, delivery amendment letter issued by Railways has been improved.
- 17.4 In UDM, feature for deletion of pdf allowed for draft proposals.
- 17.5 In UDM, facility for deletion of CRC/CRN has been provided to officer who has signed the CRC/CRN till such time the vendor has not raised a bill against that CRC/CRN or finance has returned the bill to the vendor.

18 Human Resource Management System for Indian Railways (HRMS)

Following activities have been done in Apr/2022:

- 18.1 Other than Normal Retirement (ONR) cases have been developed and are likely to be provided to the pilot nodal Railways for testing in first week of May, 2022.
- 18.2 Railway Board APARs has been enabled and made available for the APAR year 2021-2022.
- 18.3 Development work on Book of Sanction (as part of Cadre Management module) is under progress.

19 Indian Railways Information Security Group Project (ISGP)

- 19.1 Multi-Agency Audit (NAAT) by C-DAC, Hyderabad, is under progress.
- 19.2 Compliance of Critical issues submitted to NAAT Team for verification.
- 19.3 CRIS's Cyber Crisis Management Plan is approved by CERT-In.

20 Network Security Infrastructure

Around 2.28 lakh attacks have been blocked in the month of April 2022.

21 Real-Time Train Information System of Indian Railway (RTIS)

- 21.1 2700 nos. RTIS loco devices have been installed in electric locomotives.

- 21.2 Train movement data using GPS from about 6500 loco devices (3800 REMMLOT devices in diesel locos & 2700 RTIS devices in electric locos) being forwarded to COA using RTIS central server.
- 21.3 Tender for RTIS Phase-2 roll-out to cover 6000 more electric locomotives finalized and PO issued to the vendor.
- 21.4 Loco Device fitment scheme drawings sent to RDSO for approval on 18.02.2022. General approval has been given by RDSO on 08.03.2022; final fitment scheme approval shall be given by RDSO post installation/inspection of RTIS device in both 3-phase & conventional electric locos.
- 21.5 The software changes required for DES hub to work with 2.4/1.2 kbps data rate & 500 msec slot duration have been done in coordination with ISRO. The hub setup is being fine-tuned for Phase-2 roll-out.
- 21.6 Phase-1 Software modifications for end to end integration of Phase-2 loco device with existing sub-systems- NMS, Demods, CLS have been done. Further changes / optimization / fine-tuning shall be carried out progressively as per the requirements.

22 *Coaching Operations Information System*

- 22.1 A Mobile App has been developed and deployed to facilitate COIS users to enter Train Consist position based on physical number taking for printing Vehicle Guidance (VG) as per physical composition. This option is available only for station level ICMS users.
- 22.2 Handling of new Coach Codes i.e. EC (Executive Chair), EV (Executive Vistadome), VS (Vistadome Sitting) completed in the COIS application as per RB letter no - 2021/TG-I/20/P/2. Impact handling of the same done for ICMS-PRS Charting Integration.
- 22.3 Enhancement done to provide printing facility for Unscheduled passenger trains and provisioning of Hindi station names and space for signatures of ALP along with various format improvements in the Caution Order.

23 *Rail Cloud Phase – I(RCLD)*

- 23.1 Projects Deployed
27 projects deployed for development environment and 21 projects deployed for production environment.

24 *Parcel Management System (PMS)*

- 24.1 134 Parcel Offices have been installed and made functional.
- 24.2 Work is in progress at 9 Parcel Offices.

25 *Accounting Reforms Accounting system (ARMS)*

Trial Balance (TB) and Accrual Based Financial Statements (ABFS) of all Zonal Rlys & PUs for financial year 2018-19 has been finalized by CPM/AR office.

26 *Rollout of Maintenance Module for Coaching (CDMM)*

- 26.1 "Air brake pressure testing" and "under gear check" DDR formats developed as per Railways Board and made mandatory for rake BPC generation
- 26.2 Compliance done for NAAT audit of application.
- 26.3 Enhancement done in coach schedule forecasting.

- 26.4 Enhancement done in coach schedule module.
- 26.5 Delete rake functionality developed for zonal admins.
- 26.6 Enhancement done on the imposed restriction for rake release.
- 26.7 Enhancement done on coach condemnation functionality.
- 26.8 Developed new report "Warranty Dashboard Report".
- 26.9 Enhancement done on "Coach master Dummy Status Report".
- 26.10 Provided date filter in "warranty report".
- 26.11 Resolution complaint/suggestions/request on help desk- 335 nos from telegram group and 75 through email.
- 26.12 BPC generated through CMM in month of Apr 2022 -41148-cum.22-23 -41148.
- 26.13 Training Imparted to the Railway users in the Month of Apr 2022- 403 Man Hours.
- 26.14 Training Imparted to the Railway users in the Financial Year 2022-23- 403 Man Hours.
- 26.15 Uptime for the application in the month of Apr 2022- 99.51%.

27 Traffic Accounts Management System on Indian Railway (TAMS)

Seamless Integration between FOIS and TAMS has been completed for Error Sheet Module - Goods.

28 Track Management Systems (TMS)

TMS:

- Redesigning of TMS login page for better user experience across different devices.
- Implementation of Two-Factor-Authentication using CAPTCHA for added security.
- USFD CS-6 item, new type of defect-DFWN, has been introduced for Initial USFD Testing of AT welds.
- Track Diagram module has been enhanced for showing TQI (in place of TGI) & OMS Peak.

BMS:

- 10 WLMI devices have been integrated with BMS for Continuous Automatic Water Level Monitoring

SRRC:

- Facility has been provided to CBE for uploading files/ drawings with observations if deficiency found in GAD (General Arrangement Drawing).
- Proposal Revival facility has been introduced (within 5 days of dropping), if proposal was dropped by Railway authorities erroneously.

Assistance Required

Requirement of funds for the various projects / applications of CRIS is given below:-

	Project/application	Funds required (in Rs. crore)		Remarks
		Project	O&M	
1	Replacement and enhancement of COA Application and Proliferation	8.41		
2	Implementation of Archiving internet access, Integration with other Application using TIBCO and Link optimization for CMS	18.90		50% of sanctioned work after issue of PO and 15% against completion of commissioning.
3	CTTL- Computerization of TTE Lobbies over Indian Railway	1.58	1.4 0.97 (2020-21) 1.06 (2021-22)	O&M Estimate of TTE Lobby project for the year 2019-20 at a cost of Rs.1.4 Cr (inclusive of GST) was already been sent to nodal office (CCM/PM/NR) for approval. The O&M estimate of TTE Lobby project for the year 2020-21 & 2021-22 at a cost of Rs. 0.97 Cr. (inclusive of GST) and Rs. 1.06 Cr. (inclusive of GST) respectively has been sent to Nodal Office (CCM/PM/NR) for approval.
4	Master Data Management System Phase-1	18.50		An estimate of 18.5 crores required in Budget outlay of 22-23. IR-MDMS Tender published with Pre-Bid replies and date extended till 15th Apr 22.
5	Rail Cloud Phase I	10.00		In case of Rail Cloud Phase-I project, against CRIS demand of Rs 46,35,18,264 in accordance with MOU with Railways, only Rs 23.10 crores has been released till date. Multi Location Rail Cloud setup progress is hampered due to non availability of Funds. It will not be possible to meet the timeline defined in MOU There is an urgent need of

	Project/application	Funds required (in Rs. crore)		Remarks
		Project	O&M	
				Rs 10 crores to meet payment liabilities towards the vendor and some establishment related payments and go ahead further.
6	Roll Out of Parcel Management System	2.68	11.93	Release of Rs 2.68 Crore balance amount to be transferred on signing of MOU. FY 2021-22 of amount Rs. 11.93 Crore.
7	SIMS – Safety Information Management System	4.83	0.97 1.01 1.61	Against the amount of Rs. 5.33 Cr. (including GST) (30% of the total sanctioned cost) of SIMS Phase-II project, only Rs. 50 lakh (part payment) has been received by CRIS on 26.03.2021. Remaining amount of Rs. 4.83 Cr. is pending with Safety Directorate of Railway Board (Nodal Office for SIMS Phase-II Project) for payment. O&M estimate of SIMS project for the year 2019-20 at a cost of 97 lakh was sent to nodal office i.e. ED/Safety/Railway Board for approval. O&M estimate of SIMS project for the year 2020-21 at a cost of Rs.101.23 Lakhs (including GST) was sent to Nodal Office for approval which has been forwarded to Northern Railway. Approval still awaited. O&M estimate of SIMS project for the year 2021-22 at a cost of Rs.161.20 Lakhs (including GST) was sent to Nodal Office for approval which has been forwarded to Northern Railway. approval still awaited.

	Project/application	Funds required (in Rs. crore)		Remarks
		Project	O&M	
8	FOIS - Freight Operations Information System	15.18		Funds needs to be disbursed to CRIS for the following projects as per MoU : (i) PLMS : 1.09 Cr (ii) ECRM : 1.15 Cr (iii) Near Site DR : 4.68 Cr (iv)Modernisation of FOIS Sys & DBA Centre : 8.26 Cr.
9	Web Enabling of Claims Package (CLMW)	0.04 0.25 0.31 0.42 1.48		Project: Web enabling of Claims Package (Phase-I). Outstanding Amount Rs 0.04 Cr. Project: Web enabling of Claims System (Phase-II). Outstanding Amount Rs. 0.25 Cr. Project: AMC of Web enabled Claims Phase-I. Outstanding Amount Rs. 0.31 Cr. Project: AMC of Web enabled Claims Phase-I & II. Outstanding Amount Rs. 0.42 Cr. Project: AMC of Web enabled Claims Phase-I & II. Outstanding Amount Rs. 1.48 Cr.
10	Expansion of Hand Held Terminals for TTES over IR (EHHT)	2.47		PHHT: As per the sanctioned Revised estimate of the project, release of outstanding amount of Rs. 2.47 Crore from nodal office (CAO/PTS/NR) is pending .whereas the PO for the procurement of 10000 HHT devices and helpdesk support has been issued.
11	Real-Time Train Information System (RTIS)	179.67		CRIS has so far received Rs.225.74 Cr only out of total due funds of Rs. 405.41 Cr as per MoU. Therefore, funds of Rs. 179.67 Crore are pending to be received from NR. Budget allotment for current FY to be increased from Rs.27 Cr to Rs.180 Cr.

	Project/application	Funds required (in Rs. crore)		Remarks
		Project	O&M	
12	S/w for Locomotive Asst Management (SLAM)	30.00		Budget outlay of Rs. 2 crore was made in 2021-22 and 4 crores in 2022-23 for Loco Assets Management project (LAMS) vide pink book item no. 194/NR of 2022-23. This is highly inadequate for roll out of project and Railway Board was requested Vide CRIS letter no. 2010/CRIS/NDLS-HQ/CMS/Budget/Estimate/0009/PT-III dated 22.04.2022 to make provisioning of adequate fund of Rs. 30 crore in LAMS project in Revised Budget Outlay of 2022-23 so as to ensure smooth implementation of project.
13	Computerisation of Refund Coaching Over Indian Railway	1.18		Work has been completed. The balance amount should be transferred to the project.
	Total	295.90	18.95	

Other Assistance required is given below:-

1 Closure of CRIS projects

1.1 A process for quick closure of completed projects awaiting small financial adjustments had been proposed to Board. Board's approval is awaited for this scheme. Board's directions in this matter will enable closure of over 30 projects under PH-17.

2 Freight Operations Information System (FOIS)

2.1 Security of FOIS having strategic data of MoD is topmost priority. This requires installation of additional security software/services. New work "Security Implementation in FOIS for Ministry of Defense" proposed to RB. Reply to queries answered vide reply email dated 16-04-21 to CAO office. Revised AE after reduction in cost vetted by CRIS/Fin & sent to Nodal office on 31-05-21. Latest reminder on 24-01-20

2.2 Estimate of FOIS O&M 22-23 vetted by CRIS/Fin submitted to NR on 12-06-20. The same is pending.

2.3 Estimate of FOIS O&M 23-24 vetted by CRIS/Fin submitted to NR on 15-12-21. The same is pending.

3 Control Office Application (COA)

Testing for using GPS data for train movement updation in Control Office Application from Alstom Locos has been completed. However, the firm is not yet ready for making the integration live. Railway Board may like to advise Alstom to expedite.

4 Real-Time Train Information System (RTIS)

- 4.1 Clearances required from DoT/WPC/NOCC/SACFA for RTIS Satcom Network. Request for extension of experimental Wireless Operating License (expired on 08.03.2022) for a period of six months under consideration of WPC. The concern related to interference from frequencies below 3670 MHz to be used in IMT/5G was raised by WPC has been addressed by ISRO.
- 4.2 The matter for grant of Captive hub license for RTIS was discussed in the last Apex committee meeting held on 28.04.2022. DoT's communication in this respect is awaited.
- 4.3 Necessary action to be taken by loco sheds for replacement of damaged devices /components that got faulty due to liquid ingress during sanitization of loco cabins.
- 4.4 Sanctioning of RTIS Phase-1 O&M estimate for year 2022-23 & 2023-24 by N Railway.

5 Passenger Reservation System

- 5.1 Business Rule clarifications on the features to be implemented in Modernization Ph- 2.

6 Unreserved Ticketing System

- 6.1 Guideline for integration of National Common Mobility Card (NCCM) with UTS counters & ATVMs.
- 6.2 M-UTS Application for issuance of unreserved tickets at Halt Stations by Agent & Guard.
- 6.3 Unification of money receipts defined in UTS.
- 6.4 Issuance of multi routes season tickets for halt stations.
- 6.5 Clarification for implementation of station developed fee in issuance of UTS tickets.
- 6.6 Issuance of UTS tickets through Common Service Centre.
- 6.7 Approval for enabling senior citizen concessional tickets and advance tickets through UTS on Mobile app.

7 Crew Management System (CMS)

- 7.1 Completion of CMS work with CRIS finance vetted financial statement has been sent to CAO/FOIS vide letter no. 2018/CRIS/NDLS-ITPI/CMS/IMPLMENT/CMS/0095/PT-1 Dt 31-10-2018. This issue was also apprised to CAO/FOIS by DO/CRIS vide letter dated. 10.05.2019. However closure report has not been issued so far.
- 7.2 Out of 101 additional locations, site readiness has been received from 50 locations and TSS has been supplied to 32 locations. Site readiness is yet to be received from 51 locations.

8 Indian Railways Information Security Group Project (ISGP)

- 8.1 O&M Estimate of ISGP project for 2017-18, 2018-19, 2019-20 are pending with N. Rlys and Rly Board, since three years now. O&M funds crunch further restricts /reduces the Info-Sec posture of CRIS & then of Rlys. too.
- 8.2 CSTE/CR/NR has been nominated as CISO/NR, by GM/NR. Further instruction from RB are required, regarding Sanctions /Approvals of ISGP O&M Estimates by CISO/NR and their Funding release.
- 8.3 AEs of Adv-ISG and IR-SOC Projects are pending at RB for Sanctions.
- 8.4 MHA's National IS Policy v5 has specified spending on Info-Sec up to 10 % of overall ICT spending (CAPEX + OPEX, HR + Equipment) of the Organisation /Project, This shall be applicable to CRIS and for Rlys too.

9 Workshop Management Information System (Phase II)

- 9.1 WISE is sanctioned for 34 Workshops. Revised Estimate for an additional 10 workshops has been prepared. As the WISE project is implemented across the Workshops spread over all geographical locations of India. There is a need to set up a proper helpdesk for the WISE project for logging, assigning, monitoring, resolving and closing the issues that arises everyday. This help desk portion has been covered under the scope of WISE Phase-3 along with the other Works.
- 9.2 Railway Board is requested to:-
 - Formally communicate the inclusion of 10 Workshops under the material modification of WISE- Phase II .In this regard, a letter has been written to the Railway Board on 23.02.2022.
 - Sanction the WISE Phase III for other advancement of the application along with the production Workshop to be covered.
 - WISE-II project would be completed in Financial Year 2022-23, therefore balance fund may please be provisioned. For that, current outlay has to be increased from 5 Crore to 12.18 Crore for the FY 2022-23.

10 Rollout of Maintenance Module for Coaching (CDMM)

- 10.1 Railway Board has been requested to sanction Phase 3 and Phase 4 the project which is essential so that the data across all depots is captured and maintained in a single application.
- 10.2 The proposal has already been sent to Board for consideration.

11 Coaching Operations Information System

Following proposal from ICMS/CRIS is awaiting sanction from Railway Board :-

- 11.1 Abstract estimate (AE) for development of Full Tariff Rate Application (FTR) at an abstract cost of Rs.18.50 Cr. submitted to AM(C&IS) with this office letter No. 2018/CRIS/NDLS-HQ/ICMS/PROJECT/0152/PT-I dated 07.01.2019 & again dated 03.12.2019.

12 Master Data Management System (MDMS)

- 12.1 MDMS Coach “Entity”: Letter to AM(ME) /RB No.: 2013/CRIS/NDLS-HQ/I&S/Project/0042/Pt-1 Dt.:21.04.2021, Resolving issues related to critical IR-

MDMS “Coach ”Entity, a critical Asset’s Master Data, for developing it’s Master Data-Governance- reg.

- 12.2 Letter No. 2018/CRIS/NDLS/HQ/I&S/Project/0123/Pt-1 Dt.: 28.04.2022 Pr. Executive Director (TRS)/RB on Cleansing of locomotive Master Data in Loco sheds of Zonal Railways.
- 12.3 Updating Project Progress on IRPSM to CAO/FOIS vide Letter No.2013/CRIS/NDLS-HQ/I&S/Project/0042/Pt-1 dt 5-1-22
- 12.4 Release of payment for the work of "Master Data Management(Phase 1)"Letter to CAO/FOIS vide Letter No.2013/CRIS/NDLS-HQ/I&S/Project/0042/Pt-1 dt 10-01-2022
- 12.5 Fund Requirements Updating in earlier sent figures for the work of IR-MDMS(Phase-1) vide letter No.2013/CRIS/NDLS-HQ/I&S/Project/0042/Pt-1 dt 13-01-2022