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22/12/23MB
C/2Government of India
Ministry of Railways
(Railway Board)

SF

No.2023/C&IS/Misc/CRIS Audit 2022-23/04 [E-3444979]

✓ Registration
Dec. 21, 2023The MD/CRIS
Chanakyapuri,
New Delhi.**Sub.: Tabling of Annual Report and Audited Accounts of CRIS for the year 2022-23.**

The Annual Report and Audited Accounts of CRIS for the year 2022-23 has been laid on the Table of both the Houses of Parliament. Copy of relevant portion of Rajya Sabha and Lok Sabha Bulletin along with copy of 'Review of Performance of CRIS' are being forwarded for information and further necessary action at your end.

Encl.: As above.Signed by Bharat Bhushan
Manjera
Date: 21-12-2023 17:42:50
Reason: Approved(B.B. Manjera)
Dy. Dir./C&IS
bb.manjera@gov.in22/12/23
AR (on leave)
Dirig

LOK SABHA

BULLETIN – PART I

(Brief Record of Proceedings)

Wednesday, December 13, 2023/Agrahayana 22, 1945 (Saka)

No. 259

11.00 A.M.

1. Tragic Reference by the Speaker

The Speaker made reference to the tragic incident of terrorist attack on Parliament House on 13th December, 2001.

Thereafter, members stood in silence for a short while as a mark of respect to the memory of those who martyred in that terrorist attack.

11.03 A.M.

2. Starred Questions

Starred Question Nos. 141-146 were orally answered. Replies to Starred Question Nos. 147-160 were laid on the Table.

3. Unstarred Questions

Replies to Unstarred Question Nos. 1611-1650 and 1652-1840 were laid on the Table.

12.00 Noon

4. Papers laid on the Table

The Minister of Earth Sciences (Shri Kiren Rijiju) laid on the Table:-

- (g) (i) Review by the Government of the working of the Steel Authority of India Limited, New Delhi, for the year 2022-2023.
- (ii) Annual Report of the Steel Authority of India Limited, New Delhi, for the year 2022-2023, alongwith Audited Accounts and comments of the Comptroller and Auditor General thereon.
- (h) (i) Statement regarding Review by the Government of the working of the NMDC Limited, Hyderabad, for the year 2022-2023.
- (ii) Annual Report of the NMDC Limited, Hyderabad, for the year 2022-2023, alongwith Audited Accounts and comments of the Comptroller and Auditor General thereon.
- (2) A copy each of the following papers (Hindi and English versions):-
 - (i) Memorandum of Understanding between the MSTC Limited (Consolidated) and the Ministry of Steel for the year 2023-2024.
 - (ii) Memorandum of Understanding between the Steel Authority of India Limited and the Ministry of Steel for the years 2023-2024 and 2024-2025.
 - (iii) Memorandum of Understanding between the Mecon Limited and the Ministry of Steel for the year 2023-2024.
 - (iv) Memorandum of Understanding between the NMDC Limited and the Ministry of Steel for the year 2023-2024.
 - (v) Memorandum of Understanding between the MOIL Limited and the Ministry of Steel for the years 2023-2024 and 2024-2025.

The Minister of State in the Ministry of Railways; Minister of State in the Ministry of Coal; and Minister of State in the Ministry of Mines (Shri Danve Raosaheb Dadarao) laid on the Table:-

- (1) A copy each of the following Notifications (Hindi and English versions) under sub-section (1) of Section 28 of the Mines and Minerals

(Development and Regulation) Act, 1957:-

- (i) The Atomic Minerals Concession (Amendment) Rules, 2023 published in Notification No. G.S.R.682(E) in Gazette of India dated 22nd September, 2023.
 - (ii) G.S.R.736(E) published in Gazette of India dated 12th October, 2023, making certain amendments in the Second Schedule, mentioned therein, to the Mines and Minerals (Development and Regulation) Act, 1957.
 - (iii) The Minerals (Other than Atomic and Hydro Carbons Energy Mineral) Concession (Amendment) Rules, 2023 published in Notification No. G.S.R.737(E) in Gazette of India dated 12th October, 2023.
- (2) A copy of the Indian Railways (Open Lines) General (Third Amendment) Rules, 2023 (Hindi and English versions) published in Notification No. G.S.R.870(E) in Gazette of India dated 30th November, 2023 under Section 199 of Railways Act, 1989.
- (3) A copy each of the following papers (Hindi and English versions) under sub-section 1(b) of Section 394 of the Companies Act, 2013:-
- (a)
 - (i) Review by the Government of the working of the NALCO Limited, Bhubaneswar, for the year 2022-2023.
 - (ii) Annual Report of the NALCO Limited, Bhubaneswar, for the year 2022-2023, alongwith Audited Accounts and comments of the Comptroller and Auditor General thereon.
 - (b)
 - (i) Review by the Government of the working of the Hindustan Copper Limited, Kolkata, for the year 2022-2023.
 - (ii) Annual Report of the Hindustan Copper Limited, Kolkata, for the year 2022-2023, alongwith Audited Accounts and comments of

the Comptroller and Auditor General thereon.

- (c) (i) Review by the Government of the working of the Container Corporation of India Limited, New Delhi, for the year 2022-2023.
- (ii) Annual Report of the Container Corporation of India Limited, New Delhi, for the year 2022-2023, alongwith Audited Accounts and comments of the Comptroller and Auditor General thereon.
- (d) (i) Review by the Government of the working of the Rail Vikas Nigam Limited, New Delhi, for the year 2022-2023.
- (ii) Annual Report of the Rail Vikas Nigam Limited, New Delhi, for the year 2022-2023, alongwith Audited Accounts and comments of the Comptroller and Auditor General thereon.
- (e) (i) Review by the Government of the working of the Dedicated Freight Corridor Corporation of India Limited, New Delhi, for the year 2022-2023.
- (ii) Annual Report of the Dedicated Freight Corridor Corporation of India Limited, New Delhi, for the year 2022-2023, alongwith Audited Accounts and comments of the Comptroller and Auditor General thereon.
- (f) (i) Review by the Government of the working of the National High Speed Rail Corporation Limited, Delhi, for the year 2022-2023.
- (ii) Annual Report of the National High Speed Rail Corporation Limited, Delhi, for the year 2022-2023, alongwith Audited Accounts and comments of the Comptroller and Auditor General thereon.
- (g) (i) Review by the Government of the working of the Hassan Mangalore Rail Development Company Limited, Bangalore, for the year 2022-2023.

- (ii) Annual Report of the Hassan Mangalore Rail Development Company Limited, Bangalore, for the year 2022-2023, alongwith Audited Accounts and comments of the Comptroller and Auditor General thereon.
- (4)
 - (i) A copy of the Annual Report (Hindi and English versions) of the Office of the Coal Mines Provident Fund Commissioner, Dhanbad, for the year 2022-2023, alongwith Audited Accounts.
 - (ii) A copy of the Review (Hindi and English versions) by the Government of the working of the Office of the Coal Mines Provident Fund Commissioner, Dhanbad, for the year 2022-2023.
- (5)
 - (i) A copy of the Annual Report (Hindi and English versions) of the NRTU Foundation, Vadodara, for the year 2022-2023, alongwith Audited Accounts.
 - (ii) A copy of the Review (Hindi and English versions) by the Government of the working of the NRTU Foundation, Vadodara, for the year 2022-2023.
- (6)
 - (i) A copy of the Annual Report (Hindi and English versions) of the Railway Sports Promotion Board, New Delhi, for the year 2022-2023, alongwith Audited Accounts.
 - (ii) A copy of the Review (Hindi and English versions) by the Government of the working of the Railway Sports Promotion Board, New Delhi, for the year 2022-2023.
- (7)
 - (i) A copy of the Annual Report (Hindi and English versions) of the Rail Land Development Authority, New Delhi, for the year 2022-2023, alongwith Audited Accounts.
 - (ii) A copy of the Review (Hindi and English versions) by the Government of the working of the Rail Land Development

Authority, New Delhi, for the year 2022-2023.

- ✓ (8) (i) A copy of the Annual Report (Hindi and English versions) of the Centre for Railway Information Systems, New Delhi, for the year 2022-2023, alongwith Audited Accounts.
- (ii) A copy of the Review (Hindi and English versions) by the Government of the working of the Centre for Railway Information Systems, New Delhi, for the year 2022-2023.

The Minister of State in the Ministry of Consumer Affairs, Food and Public Distribution; and Minister of State in the Ministry of Rural Development (Sadhvi Niranjana Jyoti) laid on the Table:-

- (1) A copy of the Annual Report (Hindi and English versions) of the Food Corporation of India, New Delhi, for the year 2022-2023 alongwith audited accounts.
- (2) Statement regarding Review (Hindi and English versions) by the Government of the working of the Food Corporation of India, New Delhi, for the year 2022-2023.

The Minister of State in the Ministry of Commerce and Industry (Smt. Anupriya Singh Patel) laid on the Table:-

- (1) A copy each of the following Notifications (Hindi and English versions) under sub-section (3) of Section 55 of the Special Economic Zones Act, 2005:-
- (i) The Special Economic Zones (Second Amendment) Rules, 2023 published in Notification No. G.S.R.334(E) in Gazette of India dated 1st May, 2023.
- (ii) The Special Economic Zones (Third Amendment) Rules, 2023 published in Notification No. G.S.R.481(E) in Gazette of India dated 5th July, 2023.

2. Shri Tapir Gao

The discussion was not concluded.

(Lok Sabha adjourned at 2.51 P.M. and re-assembled at 4.00 P.M.)

***4.00 P.M.**

18. Observation by the Speaker

The Speaker made an observation on the unfortunate incident that had occurred due to intruders. He thanked members of Parliament, Marshal and Chamber staff for their exemplary courage in catching the intruders. He further observed that after consulting Leaders of Parties the security arrangements would be strengthened.

4.03 P.M.

(Lok Sabha adjourned till 11.00 A.M., Thursday, the 14th December, 2023.)

UTPAL KUMAR SINGH
Secretary General

Parliamentary Bulletin

PART - I

(TWO HUNDRED AND SIXTY SECOND SESSION)

No. 5700]

FRIDAY, DECEMBER 15, 2023

Brief Record of the Proceedings of the Meeting of the Rajya Sabha held
on the 15th December, 2023

11-00 a.m.

1. Papers Laid on the Table

1. A copy each (in English and Hindi) of the following Notifications of the Ministry of Consumer Affairs, Food and Public Distribution (Department of Consumer Affairs), under sub-section (6) of Section 3 of the Essential Commodities Act, 1955:-

- (1) S.O. 4221 (E), dated the 25th September, 2023, publishing the Removal of Licensing Requirements, Stock Limits and Movement Restrictions on Specified Foodstuffs (Second Amendment) Order, 2023.
- (2) S.O. 4826 (E), dated the 6th November, 2023, publishing the Removal of Licensing Requirements, Stock Limits and Movement Restrictions on Specified Foodstuffs (Third Amendment) Order, 2023.

2. A copy each (in English and Hindi) of the following Notifications of the Ministry of Consumer Affairs, Food and Public Distribution (Department of Consumer Affairs), under Section 105 of the Consumer Protection Act, 2019:-

- (1) G.S.R. 606 (E), dated the 17th August, 2023, publishing the Consumer Protection (Consumer Disputes Redressal Commissions) (Amendment) Rules, 2023.
- (2) G.S.R. 681 (E), dated the 22nd September, 2023, publishing the Consumer Protection (Qualification for appointment, method of recruitment, procedure of appointment, term of office, resignation and removal of the President and members of the State Commission and District Commission) Amendment Rules, 2023.

3. A copy each (in English and Hindi) of the following papers, under sub-section (1) (b) of Section 394 of the Companies Act, 2013:-

- (i) (a) Fifty-third Annual Report and Accounts of the Engineering Projects (India) Limited (EPIL), New Delhi, for the year 2022-23, together with the Auditor's Report on the Accounts and the comments of the Comptroller and Auditor General of India thereon.
- (b) Statement by Government accepting the above Report.
- (ii) (a) Forty-first Annual Report and Accounts of Rajasthan Electronics and Instruments Limited (REIL), Jaipur, Rajasthan, for the year 2022-23, together with the Auditor's Report on the Account and the comments of the Comptroller and Auditor General of India thereon.

(b) Statement by Government accepting the above Report.

5. A copy each (in English and Hindi) of the following Notifications of the Ministry of Railways, under Section 199 of the Railways Act, 1989:-

- (1) G.S.R. 321(E), dated the 28th April, 2023, publishing the Railways (Opening for Public Carriage of Passengers) Amendment Rules, 2023, along with Delay Statement.
- (2) G.S.R. 378 (E), dated the 22nd May, 2023, publishing a Corrigendum to the Notification No. G.S.R. 321 (E), dated the 28th April, 2023, along with Delay Statement.
- (3) G.S.R. 633 (E), dated the 29th August, 2023, publishing the Railways (Opening for Public Carriage of Passengers) Second Amendment Rules, 2023, along with Delay Statement.
- (4) G.S.R. 870 (E), dated the 30th November, 2023, publishing the Indian Railways (Open Lines) General (Third Amendment) Rules, 2023.

6. A copy each (in English and Hindi) of the following papers, under sub-section (1) (b) of Section 394 of the Companies Act, 2013: -

- (i) (a) Annual Report and Accounts of the Container Corporation of India Limited (CONCOR), New Delhi, for the year 2022-23, together with the Auditor's Report on the Accounts and the comments of the Comptroller and Auditor General of India thereon.
- (b) Performance Review of the above Company, for the year 2022-23.
- (ii) (a) Annual Report and Accounts of the Rail Vikas Nigam Limited (RVNL), New Delhi for the year 2022-23, together with the Auditor's Report on the Accounts.
- (b) Performance Review of the above Company, for the year 2022-23.
- (iii) (a) Annual Report and Accounts of the Dedicated Freight Corridor Corporation of India Limited (DFCCIL), New Delhi, for the year 2022-23, together with the Auditor's Report on the Accounts and the comments of the Comptroller and Auditor General of India thereon.
- (b) Review by Government on the working of the above Company.
- (iv) (a) Seventh Annual Report and Accounts of the National High Speed Rail Corporation Limited (NHSRCL), New Delhi, for the year 2022-23, together with Auditors' Report on the Accounts and comments of the Comptroller and Auditor General of India thereon.
- (b) Review by Government on the working of the above Company.
- (v) (a) Annual Report and Accounts of the NRTU Foundation (NRTU), New Delhi, for the year 2022-23, together with the Auditor's Report on the Accounts and the comments of the Comptroller and Auditor General of India thereon.
- (b) Performance Review of the above Company, for the year 2022-23.
- (vi) (a) Twentieth Annual Report and Accounts of the Hassan Mangalore Rail Development Company Limited (HMRDC), Bengaluru, Karnataka for the year 2022-23, together with the Auditor's Report on the Accounts and comments of the Comptroller and Auditor General of India thereon.

- (b) Review by Government on the working of the above Company.
7. A copy each (in English and Hindi) of the following papers:—
- (i) (a) Annual Report and Accounts of the Railway Sports Promotion Board (RSPB), New Delhi, for the year 2022-23, together with the Auditor's Report on the Accounts.
- (b) Performance Review of the above Board, for the year 2022-23.
- (ii) (a) Annual Report and Accounts of the Rail Land Development Authority (RLDA), New Delhi, for the year 2022-23, together with the Auditor's Report on the Accounts.
- (b) Review by Government on the working of the above Authority.
- ✓ (iii) (a) Annual Report and Accounts of the Centre for Railway Information Systems (CRIS), New Delhi, for the year 2022-23, together with the Auditor's Report on the Accounts.
- (b) Performance Review of the above Organisation, for the year 2022-23.
8. A copy each (in English and Hindi) of the following papers, under sub-section (11) of Section 31 of the Warehousing Corporations Act, 1962:—
- (a) Sixty-sixth Annual Report and Accounts of the Central Warehousing Corporation (CWC), New Delhi, for the year 2022-23, together with the Auditor's Report on the Accounts and comments of the Comptroller and Auditor General of India thereon.
- (b) Review by Government on the working of the above Corporation.
9. A copy each (in English and Hindi) of the following papers, under sub-section (2) of Section 35 of the Food Corporations Act, 1964:—
- (a) Annual Report and Accounts of the Food Corporation of India (FCI), New Delhi, for the year 2022-23, together with the Auditor's Report on the Accounts.
- (b) Review by Government on the working of the above Corporation.
10. A copy (in English and Hindi) of the Ministry of Fisheries, Animal Husbandry and Dairying (Department of Animal Husbandry and Dairying) Notification No. G.S.R. 208 (E), dated the 21st March, 2023, publishing the Prevention of Cruelty to Animals (Animal Husbandry Practices and Procedures) Rules, 2023, under Section 38A of the Prevention of Cruelty to Animals Act, 1960.
11. A copy (in English and Hindi) of the Ministry of Commerce and Industry (Department of Commerce) Notification No. G.S.R. 819 (E), dated the 6th November, 2023, publishing the Rubber (Amendment) Rules, 2023, under sub section (3) of Section 25 of the Rubber Act, 1947.
12. A copy each (in English and Hindi) of the following Notifications of the Ministry of Commerce and Industry (Department of Commerce), under sub-section (3) of Section 55 of the Special Economic Zones Act, 2005, along with statements of Objects and Reasons and Explanatory Memoranda:—
- (1) G.S.R. 334 (E), dated the 1st May, 2023, publishing the Special Economic Zones (Second Amendment) Rules, 2023.

@2-02 p.m.

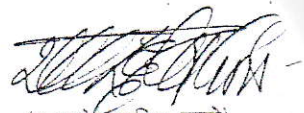
The House adjourned till 11-00 a.m. on Monday, the 18th December, 2023.

(Due to gross disorderly conduct in violation of the rules and etiquette of Rajya Sabha by the following Members, who entered the 'Well' of the House/shouted slogans, and persistently and willfully obstructed the proceedings of the House, the Chair repeatedly adjourned the House):—

1. Shri Abir Ranjan Biswas
2. Dr. Santanu Sen
3. Shri Saket Gokhale
4. Shri Prakash Chik Baraik
5. Shri Samirul Islam
6. Shri Elamaram Kareem
7. Dr. John Brittas
8. Dr. V. Sivadasan
9. Shri A. A. Rahim
10. Shri Binoy Viswam
11. Shri Sukhendu Sekhar Ray
12. Shri Jairam Ramesh
13. Shri Deepender Singh Hooda

P. C. MODY,
Secretary-General

@ From 2-00 p.m. to 2-02 p.m.- some points were raised.



(रावसाहेब पाटिल दानवे)
(Raosaheb Patil Danve)
रेल, कोयला एवं खान मंत्रालय में राज्य मंत्री
Minister of State in the Ministry of Railways
Coal and Mines

REVIEW OF PERFORMANCE OF THE CENTRE FOR RAILWAY INFORMATION SYSTEMS (CRIS) BY THE MINISTRY OF RAILWAYS FOR THE YEAR 2022-23.

The Centre for Railway Information System (CRIS) was constituted by the Ministry of Railways on 01.07.1986 as an autonomous body for computerization activities on Indian Railways. CRIS is an IT arm of Indian Railways (IR). As IR moves along its path of modernisation, the need for effective digitalisation is getting ever more critical, in which CRIS plays a pivotal role. Over the years, CRIS has taken up projects pertaining to all aspects of Railway working. The highlights of the work done during the year 2022-23 are as under:

The last year saw IR's applications move towards increased mobility through the use of mobile apps and hand-held terminals for Railway staff. Ten thousand HHTs (Handheld Terminals) were deployed in various trains across the country. User interfaces for Customers and staff were simplified and made more intuitive, and local languages continued to be introduced in ticketing applications. The M-UTS (Mobile -Unreserved Ticketing System) enabled tablet-based booking to ease queuing at crowded stations and provide ticketing services at halt stations.

The PRIMES and PRATIG applications developed under Passenger Reservation system (PRS) Modernisation work were further enhanced by adding RP (Reservation Period) and Tatkal analysis reports.

Participation in Gatishakti initiatives resulted in wider dissemination of information of Railway freight services across the logistics ecosystem in the country through the Freight Business Development portal. The Parcel Management System saw nation-wide deployment as well. Joint Parcel product (JPP) was deployed at about 75 stations in collaboration with Dept of posts.

A number of Electronic In-Motion weighbridges were integrated with FOIS (Freight Operations Information System) to enhance collection of data at source.

Following the tenets of Data governance; reconciliation and verification of the Wagon Master Database has been initiated. Similarly, under the MDMS (Master Data Management System) project, master data management of other databases was initiated as well.

In the COA (Control Office Application), data from RTIS (Real time Train information System) as well as REMMLOT (Remote Monitoring and Management of Locomotives and Trains) added up to nearly 40% of the entries made, thereby increasing the reliability of the application. As more RTIS devices are installed, the proportion of data captured automatically from source will increase.

Fresh profiles of over 9000 trains were finalised in Software Aided Train Scheduling and Network Governance (SATSaNG) and sent to Integrated Coaching Management Systems(ICMS) and other systems during the exercise done before launch of the new timetable. Simulation of bare runtime of Vande Bharat trains was completed for 6 routes using the in-house developed Train Performance Calculator. SATSaNG was moved completely to the Elastic Beanstalk service on AWS cloud. The Crew Management System was integrated with Dedicated Freight Corridor Corporation of India Limited (DFCCIL)'s system.

The Geographic Information system (GIS) Map & Geospatial Database for IR assets was provided with a facility to edit and add data for field officials, both on-track, off-track asset & Land boundary for verification & correction of published data. An application was developed to provide a ready comparison of the map of any area over a period of time. Digitization of main line track alignment of 68 divisions is completed. Cleaning of data (station, yard line and land boundary) has been completed for 17 divisions.

In the IR Projects Sanctions and Management System/Works Programme Management System (IRPSM/WPMS), the contractor e-MB (Measurement Book) and Billing for Works Contracts were made live in selected Construction Units of Indian Railways. The IR-Works Contract Management System (IR-WCMS) (excluding Contractor e-MB) was made live in all Construction Units of Indian Railways as directed by Railway Board.

In rolling stock related applications, the thrust remained on generating Brake Power Certificates for carriage and wagon stock through the Freight and Coaching Maintenance Management Systems and their associated mobile Apps. Approximately 5.3 lakh coaching BPCS (Push-Button Constant-Speed Control) and 1.3 lakh freight wagon BPCS were generated through these systems in the last year. Radio-Frequency Identification (RFID) tagging was completed in 1,82,101 wagons and 18,533 coaches. Software for Loco Asset Management (SLAM) Application was made live in all 27 Electric loco sheds under SLAM roll out scope.

Unifying all procurement and contract management, catering and other earning contracts were also added in the EPS. Virtual Account Number (VAN) system for online EMD required for e-Auction was developed in collaboration with SBI as per mandate given by Railway Board.

The Finance Management applications were integrated with other IT applications for smooth flow of data across organisational boundaries. UTS-TAMS-IPAS (Unreserved Ticketing System – Traffic Accounts Management System- Integrated Payroll & Accounting system) integration have made errors related to coaching e-CR notes negligible. Users can see the draft bill before generating the final bill in the AOB (Accounts office Balance Sheet) module.

The HRMS was extended with the addition of more modules. The ePass module was made completely on-line as desired by Board. Several applications including HRMS (Human Resource Management System) were hosted on the CRIS private Cloud.

A few important Data Analytics, Artificial Intelligence/Machine Learning use cases were implemented. Notable ones are Ideal Train Profile, Unique PL Numbers, and Detention at Unmanned Level Crossings. A centre for Data Analytics was set up in Secunderabad.

As part of IT security, CRIS's Cyber Crisis Management Plan was approved by CERT-In (Indian Computer Emergency Response Team). Multi-Agency Audit (NAAT) by C-DAC (Centre for Development of Advanced Computing), Hyderabad, was completed.

The API (Application Programming Interface) Gateway (Pravah) provided API-based information interchange with partner organisations. About 1.3 crore interchanges were carried out monthly.

The accounts of CRIS for the year 2022-23 have been audited by the office of Comptroller and Auditor General of India.
