

No. 18-3/2023-O&M
Government of India
Ministry of Communications
Department of Telecommunications

Sanchar Bhavan, 20, Ashoka Road,
New Delhi-110001
Dated : 26.04.2023

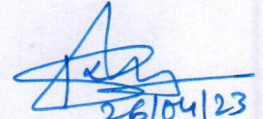
Subject: - Monthly Summary for the Cabinet on important events of the Department of Telecommunications for the month of March, 2023.

The undersigned is directed to circulate herewith a copy of the unclassified portion of the Monthly Summary for the Cabinet on the important events of the Department of Telecommunications for the month of March, 2023 for information.

2. This issues with the approval of Secretary (T).

Hindi version will follow.

Encl:- as above



(Kuldeep Kumar)

Under Secretary to the Government of India
Tele. No. 23036073

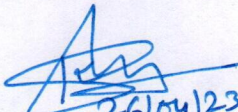
To

PS to All Members of the Council of Ministers.

Copy to:

1. Secretary to the President ("Rashtrapati-Ke-Sachiv").
2. Secretary to the Vice- President ("Up-Rashtrapati-Ke- Sachiv").
3. CEO, NITI Ayog, New Delhi.
4. All Members of NITI Ayog, New Delhi.
5. Chairman, U.P.S.C., New Delhi.
6. Joint Secretary, Cabinet Secretariat, Rashtrapati Bhawan, New Delhi.

7. Copy also to:-
- (i) Secretary, Department of Education.
 - (ii) Secretary, Department of Legislative.
 - (iii) Secretary, Department of Statistics.
 - (iv) Secretary, Department of Scientific & Industrial Research.
 - (v) Secretary, Department of Defence Production.
 - (vi) Secretary, Ministry of New and Renewable Energy Sources.
 - (vii) Secretary, Ministry of Urban Development.
 - (viii) Secretary, Department of Science & Technology.
 - (ix) Secretary, Railway Board.
 - (x) Secretary, Department of Atomic Energy.
 - (xi) Secretary, Department of Space.
 - (xii) Secretary, Department of Electronics.
 - (xiii) Secretary, Department of Posts.
8. Copy to:-
- (i) P.S. to Hon'ble Minister for Communications/P.S. to Hon'ble MoSC
 - (ii) PSO to Chairman, Digital Communications Commission & Secretary, DoT.
 - (iii) Sr. PPS/PPS to Member (Finance)/Member (Services)/Member (Technology)/ DG (Telecom) HQ/ Administrator (USOF)/ Sr. Eco. Adv./ WA, WPC
9. Additional Director General, PIB, Shastri Bhavan, New Delhi-110001.
10. Director General (Media & Communications), Ministry of Information & Broadcasting, Shastri Bhawan, New Delhi.
11. Policy-I Section w.r.t. their letter No. 6/6/2008-Policy-I dated 14.11.2008


26/04/23
(Kuldeep Kumar)

Under Secretary to the Government of India
Tele. No. 23036073

MONTHLY SUMMARY FOR THE CABINET ON IMPORTANT EVENTS OF
THE DEPARTMENT OF TELECOMMUNICATIONS FOR THE MONTH OF
MARCH, 2023

A. Important events in DoT HQ for the Month of March, 2023:

1. International Relations & Events:

a. Inauguration of ITU Area Office and Innovation Center, New Delhi:

ITU Area Office and Innovation Center was inaugurated by Hon'ble PM on 22.03.2023 at a largely-attended event at Vigyan Bhawan. The Hon'ble Prime Minister also unveiled the Bharat 6G Vision Document, launched the 6G R&D Test Bed and launched 'Call Before u Dig' (CBuD) Mobile app. Sh. S.Jaishankar, Hon'ble Minister of External Affairs, Sh. Ashwini Vaishnaw, Hon'ble Minister of Communications, Sh. Devusinh Chauhan, Hon'ble Minister of State for Communications, the ITU Secretary General, Communication Ministers, Diplomats and representatives of neighboring countries were among the distinguished participated in the event. ITU Area Office and Innovation Center is established at C-Dot campus, New Delhi. It will serve India, Nepal, Bhutan, Bangladesh, Sri Lanka, Maldives, Afghanistan and Iran, enhancing coordination among nations and fostering mutually beneficial economic cooperation in the region.

b. Communication Ministers conclave and bilateral meetings:

A Communication Ministers conclave was held on 22.03.2023 on the theme of "Enabling innovation in telecommunications to ensure digital transformation of the society". Communication Ministers of India, Bhutan, Maldives, Nepal, Iran and Srilanka and representative from Bangladesh and ITU Secretary General participated in the conclave. On the sidelines of the Communication Ministers' Conclave, bilateral meetings with delegations of Nepal and Bhutan were held with Hon'ble MoSC and bilateral meetings with Sri Lanka, Maldives, Iran, Bangladesh, ITU officials were held with Hon'ble Minister of Communications. Issues of mutual interests were deliberated in the bilateral meetings.

c. ITU Regional Innovation Forum:

ITU Regional Innovation Forum and exhibition of innovators were held on 23 March 2023 at the newly opened ITU Area Office and Innovation Centre in New Delhi. Innovators participated in the exhibition and showcased their products and solutions.

d. Bilateral meeting with Cuba:

A bilateral meeting was held between Cuba delegation led by Vice Minister of Communications of the Republic of Cuba, H.E Mrs. Grisel Reyes León, Ministry of Communications of the Republic of Cuba and Secretary, Department of Telecommunications at Sanchar Bhawan on 31.03.2023. Discussions were held to explore cooperation opportunities for the exchange of knowledge and experiences, in order to strengthen software industries of both sides.

2. Pilots/PoC of Indigenously developed products with BSNL/MTNL:

In line with DoT's policy to promote Indigenous Technologies, BSNL is facilitating field testing of Indian products with significant technology ownership and IPRs (Intellectual Property Rights). This field testing is for various types of telecom products such as Router, Switches, 5G RAN (Radio Access Network), 5G Core, FWA (Fixed Wireless Access) devices, Visible Light Communication (VLC) devices. BSNL has commenced PoC in respect of Routers.

3. Implementation of 100 5G Use Case Labs across educational institutes:

As announced in the Budget regarding implementation of 5G Use Case Labs across 100 educational institutes, TCIL has been selected as an implementation agency for this project. The implementation timelines pertaining to Major milestones have been finalized.

4. 5G Use case Workshop with SAIL:

Under 5G VEPP (Vertical Engagement Partnership Program) initiative, a VC meeting chaired by Secretary, Department of Telecommunications was held on 31.03.2023 with SAIL (a 5G VEPP Partner) with Telecom stakeholders (Use Case/ Solution Provider, TSPs). This meeting witnessed participation from heads of various SAIL plants and CMD/SAIL as well as TCIL and relevant divisions of DoT HQ. SAIL has agreed to explore the partnership opportunities with the stakeholders to deploy various 5G Use cases for its plants.

5. Presentation on 5G opportunities Design, Develop, Pilot 5G Applications and Use Cases

On 07.03.2023, a holistic presentation was made by the Department regarding 5G opportunities Design, Develop, Pilot 5G Applications and Use Cases before the Advisor to Hon'ble PM in presence of Secretaries and other senior officers of relevant Vertical Ministries. These included D/o Health & Family welfare, D/o Drinking Water and Sanitation, M/o Housing & Urban Affairs, D/o Higher Education, M/o Tourism, D/o Agriculture and Farmers' Welfare, M/o Mines Secretary, M/o Coal, DPIIT, M/o Heavy Industries, M/O Ports, Shipping.

6. Telecom Engineering Centre (TEC):

- i. Telecommunication Engineering Centre organized the "First International Quantum Communication Conclave" on 27 and 28th March, 2023 at Vigyan Bhawan, New Delhi, in collaboration with C-DOT, TSDSI, and IEEE Communications Society-Delhi Chapter. The conclave was inaugurated by Hon'ble Minister of Communications. The Hon'ble MoSC, Prof. Ajay Kumar Sood, Principal Scientific Adviser to Govt. of India and Secretary (Telecom), DoT and other senior officials were among the 700 participants. The conclave included keynote speeches, panel discussions, and demonstrations by national and international experts from Industries, Start-ups, Government Organizations, Academia, and Research institutions focusing on the recent developments in quantum communication technologies, global trends, standardization efforts, and possible applications of Quantum Technologies to build a secure communication infrastructure. Hon'ble Minister of Communications released the following TEC standards on Quantum Communication products:
 - a. Test Guide for Quantum Key Distribution System (TEC No. 91001:2023)
 - b. Generic Requirements on "Quantum-safe and Classical Cryptographic Systems" (TEC No. 91010:2023)
- ii. TEC has released a standard namely "Design and Standard for Common Duct and Post Infrastructure along Highways and public pathways" for facilitating sharing of ducts and posts infrastructure (No: TEC 81006:2023). The standards have been prepared based on the inputs from the concerned stakeholders.

7. 5G Hackathon:

It may be recalled that DoT had announced '5G Hackathon' in association with MeitY, NITI Aayog, Startup India, MSME, COAI, IITs/ IIITs and other stakeholders with an objective to identify and promote applications, relevant to India in different categories including Healthcare, education & governance. After competition and scrutiny, the top three 5G Hackathon Phase 3 winners were announced by Hon'ble MoC on 22nd March 2023 and awarded Rs. 10 Lakh each.

8. Bharat 6G Vision Document:

The Technology Innovation Group on 6G (TIG-6G) was constituted in DoT with members inter-alia from various Ministries/Departments, research and development institutions to develop Vision, Mission and Goals for the 6G and also develop a roadmap and action plans for 6G in India. Consequent to the release of the Bharat 6G Vision Document prepared by the Technology Innovation Group constituted by DoT on 6G by Hon'ble Prime Minister, the Apex Council for Bharat 6G Mission has also been constituted on 22.03.2023 under the Chairmanship of Hon'ble MoC to lay down the Phase-wise objectives of the Bharat 6G Mission.

9. PLI Scheme:

- i. PLI Guidelines has been amended to allow applicants for adding one or more products of the scheme target segment at any time during the scheme tenure.
- ii. Incentives to the PLI Beneficiaries has been disbursed for the FY 2021-22 amounting to Total INR 34.97.
- iii. The summary of the cumulative investment, sales and employment as on 28.02.2023 is as follows:

- **Total Investment:** Rs. 1330 Cr.
- **Total Sales:** Rs. 15382 Cr.
- **Total Exports:** Rs. 6187 Cr.
- **Total Employment:** 12544 (in No.)

10. Status of PM WANI Scheme:

- a. Total number of WiFi Hotspots under PM WANI added in March, 2023 - 123
- b. PM WANI Hotspots as on 31.03.2023 - 147857

11. PM Gati Shakti NMP

The progress under Gati Shakti NMP is at Annexure-A.

12. Call Before u Dig (CBuD)

- a. Asset owners created - 23340 (as on date)
- b. Excavation enquiries raised by the excavator agencies - 513
- c. Total 2894 excavators registered in March-2023
- d. Webportal for CBuD developed and made live.

13. Geo targeted alert dissemination through Cell Broadcasting

Geo targeted alert dissemination through Cell Broadcasting was showcased with all telecom operators during the National Platform for Disaster Risk Reduction (NPDRR) workshop inaugurated by Hon'ble PM on 10-11th March, 2023.

14. Swachh Bharat Pakhwada Award for 2022

Hon'ble Minister of State for Communications gave away Swachh Bharat Pakhwada Award on 29.03.2023 to three best Field Units of the Department on the basis of their performance during Swachhata Pakhwada from 16th to 30th November, 2022.

15. Social media activities undertaken during March, 2023 are at Annexure-B.

B. PERFORMANCE OF PSUs OF DOT

1. BHARAT SANCHAR NIGAM LTD. (BSNL)

- a. Gross SIM sale for the month: 13,22,849.
- b. Gross Bharat Fiber (FTTH) Achievement: 1,84,414 connections.
- c. BSNL on-boarded 1 Lakh Rural FTTH connections in three month period for the first pilot capital incentive programme through BharatNet Udyami. A total of 2,51,642 Rural FTTH connections have been provided on BharatNet infra under special project through BharatNet Udyami scheme as on 31.03.2023
- d. Gross new leased Circuits: 4722 and upgradation: 1966. Total provisioning including upgradation: 6688.
- e. Gross Bharat Air Fiber Achievement (Data): 1,885.
- f. Gross Landline Achievement: 9,167 connections.
- g. Gross ADSL Broadband Achievement: 1,452 connections.
- h. 20 Gbps of Caching links have been added (cumulatively 1230 Gbps links in current FY 2022-23) making the cumulative capacity of 4130 Gbps Caching and 2854.05 Gbps Peering link capacity.
- i. MNP Ratio (Po/Pi): 4.08 {Port In = 128559 Port out = 524395}
- j. The data traffic from wire line broadband has increased from 118.2 PB (April-2019), 155 PB (April-2020) and 278.6 PB (April-2021) and 392.5 PB (April-2022) to 586 PB in the month of March, 2023
- k. Number of online transactions on portal has increased from 27,82,427 (April-2019) & 36,53,078 (April-2020) and 38,71,899 (April 2021) & 37,45,974 (April-2022) to 39,03,096 in the month of March, 2023.
- l. International Roaming service has been launched in Georgia with Silknet (Inbound CAMEL)
- m. Introduction of scheme to offer discount of Rs. 200/- per month for the first 6 months to the customers for conversion of existing LL/DSL BB connection (Copper) in all telecom circles.

2. TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED (TCIL)

- Provisional Turnover upto February, 2023 for the Financial Year 2022-23 is **Rs. 1671.18 Crores** against Rs. 1386.91 Crores for Financial Year 2021-22 in the comparing period.
- TCIL have secured orders for a total of approximately **Rs. 1016.08 Crores** from foreign & inland clients in the month of March, 2023.

3. **INDIAN TELEPHONE INDUSTRY (ITI):**

The performance of the Company in the month of March 2023 is ₹ 727.25 Crores (provisional). The turnover is mainly constituted from supply of Laptops, Mini PC, OFC, HDPE, Solar Panel, LED Street lights, FDMS, MCEU Software, TESD, HHT for TESD, Contract manufacturing, Water Pipes, Banking products, telephones, ONT-11/23, IAF: 3G to 4G Upgradation, Execution of ASCON Ph-IV, Mahanet, TANFINET, BSNL 4G PoC, Gujnet O&M, AMC for NGN equipment, GSM-SZ, GPoN, Defence equipment, C-DoT ANRAX Cards, NFS, Business form Data Centre, Services from Test labs, Reliability lab, VSSC Business, SaaS, show room sales, Third party Audit services and business generated by Corporate MSPs etc.

C. BharatNet:

- i. BharatNet project is being implemented in a phased manner to provide broadband connectivity to all the Gram Panchayats (approx. 2,50,000) in the country. The cumulative status of the BharatNet project, as on 03.04.2023 is as follows:

Optical Fiber Cable laid	: 6,26,170 KMs
GPs connected by Optical Fibre Cable (OFC)	: 1,97,147 (GPs)
Total GPs Service Ready (OFC + Satellite)	: 1,90,441 (GPs)

- ii. **Extension of BharatNet connectivity upto villages:** Revised RFP and timelines for coverage of 6 lakh GPs and villages (including the 2.5 lakhs GPs already sanctioned) is being worked out with the target of completing the works by 2025.

D. TELECOM SECTOR KPIs:

The details regarding number of telephones and tele-density in the country at the end of February, 2023 are as under-

Total no. of Wireline Connections	27.92 Million
Total no. of Wireless Connections	1141.93 Million
Total no. of Connections	1169.85 Million
Tele-density	84.46 %

DoT - PM GatiShakti NMP Portal:

- a. Mapping - OFC Network of approx 11.5 Lakh (11,51,485.47) Route Km of PSUs (BSNL, BBNL, RAILTEL, GAIL) mapped.
- b. 20,880.75 kms of State PSUs OFC collected from Telangana, Kerala & Jharkhand mapped. Rajasthan, Andhra Pradesh & SkyHunt (Haryana) OFC mapped.
- c. State NMP platform layers of 34 states integrated with DoT NMP platform. Each of these state integration has brought in multiple layers like land revenue records, street furniture etc. which will facilitate telecom projects in general & 5G rollout in particular. These layers are updated regularly with new data especially of street furniture.
- d. 19,618 sites of the 4G saturation project, and 3388 mobile towers of other USOF projects given to BISAG for mapping.
- e. Geomapped 1189 border sites of the 4G saturation project with help from BISAG team.
- f. Got permission from PGCIL for mapping of PGCIL towers (2.5 LAKH), PoPs(655) & OPGW(80,000 KM) on DoT NMP, requested BISAG to map the same.
- g. Mapping of street furniture: 24,62,050 electric poles of UPPCL(UP), 4,01,355 electric poles of JBVNL(Jharkhand) & 245 government buildings of Jharkhand mapped on DoT NMP.

Social Media Activities Undertaken during March, 2023

Twitter:

- Total No. of Tweets: 2378
- Total Replies: 2253
- Earned- Re-tweets & Likes: 66 & 1678
- Earned Impressions: 180.4 K
- People Visits: 6400
- New Followers: 1071
- Total Followers: 186.9 K

Facebook:

- Total No. of Posts: 4
- Earned Shares: 8
- Page Likes (New): 76
- Reach: 15964
- Post Engagements: 253
- Video Views: 214
- New Followers: 697
- Total Followers: 47 K

YouTube:

- Total No. of Video Posts: 1
- Video Views: 778
- Watch Time (Hrs): 1236.9 Hours
- New Subscribers: 160
- Total Subscribers: 1710
