

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

Sanchar Bhavan, 20, Ashoka Road,
New Delhi-110001
Dated: 31-05-2023

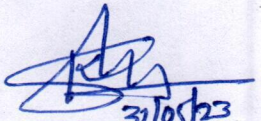
Subject: - Monthly Summary for the Cabinet on important events of the Department of Telecommunications for the month of April, 2023.

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 April, 2023 for information.

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

Hindi version will follow.

Encl:- as above


(Kuldeep Kumar)
31/05/23

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

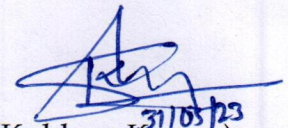
To

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 Aayog, New Delhi.
4. All Members of NITI Aayog, 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



(Kuldeep Kumar)
31/05/23

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
APRIL, 2023

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

1. International Relations & Events:

- i. A Bilateral meeting between US and India on Open RAN collaboration was held between Secretary Telecom and Ms Anne Neuberger, Dy NSA of the US Government on 28th April followed by a Open RAN roundtable on 1st May. The VC was held in three sessions - G2G, G2B and B2B. A team of Indian officers and industry representatives is expected to visit US Open RAN test beds to study the technology and identify areas for collaboration.
- ii. **The 1st Meeting of APT Preparatory Group for WTSA-24 (APT WTSA24-1)** was held on 21st April, 2023, in which Department of Telecommunications participated. The objective of APT WTSA24-1 was to establish the structure of the APT Preparatory Group for WTSA-24 to be held in India in October 2024, to adopt its tentative Terms of Reference, to develop Working Methods of the Preparatory Group, to appoint Office Bearers and to develop tentative Work Plan and Timelines of the Preparatory Group.
- iii. **Bilateral Meeting between National Telecommunications and Information Administration (NTIA), USA and Department of Telecommunications:** A bilateral meeting was held between Secretary Telecom and Assistant Secretary, NTIA on 25 April 2023. The agenda of the meeting was to discuss the Current State of Play in the US-India Open RAN ecosystem, facilitating partnership between our industries, Advancing Open RAN deployment in the US and India and Collaboration on Data flows.
- iv. A meeting between Hon'ble Minister for Communications and Mr. Tim Cook, CEO of Apple was held on 19th April, 2023. Apple has opened its first retail stores in India at Mumbai on 18th April and Delhi on 20th April.

2. 2nd meeting of G20 Digital Economy Working Group held on 17-19 April 2023 at Hyderabad in association with Ministry of Electronics & Information Technology (MeitY):

The second meeting of G20 Digital Economy Working Group (DEWG) was held from 17-19 April 2023 at Hyderabad. The meeting was attended by delegates from G20 Members, invited countries, International Organisations, senior officials from MeitY, State Government and their organisations. The meeting was addressed by Hon'ble Minister of State for Communications, Shri Devusinh Chauhan and Hon'ble Minister of State of Social Justice & Empowerment, Shri A. Narayanaswamy.

Hon'ble MoSC informed that India has covered 600 districts with 5G in less than 200 days, that is one of the fastest in the world. He also informed that India has 2nd largest telecom network with the lowest data rate in the world and development of indigenous 4G, 5G technologies in a short span of time.

On 17th April, 2023, DoT organized three thematic sessions i.e. 'High Speed Mobile Broadband and its impacts', 'Digital Inclusion-Connecting the Unconnected' and 'Sustainable Green Digital Infrastructure Challenges and Opportunities'. Delegates subsequently visited IIT-Hyderabad and experienced India's projects and research in the field of digital & telecom technologies. On Second day i.e. 18th April, 2023, a multi-stakeholder workshop on 'Mutual Recognition Framework on Digital Skills' was organized. The best practices and latest initiative on the subject matter were presented by the respective experts from the Government, Industry and Academia. On the third day i.e. 19th April, 2023, detailed discussion on areas namely 'Digital Public Infrastructure' and 'Cyber Security in Digital Economy' took place.

3. Presentation before Ministry of Home Affairs regarding 5G Use Cases: A presentation was made on 05.04.2023 by Department of Telecommunications before Intelligence Bureau (IB), National Investigation Agency (NIA) and Divisional Heads of MHA on Opportunity to Design, Develop, Pilot 5G Applications and Use cases. The presentation was on the 5G use cases specific for use of MHA's agencies viz. broad areas of 5G use for Police, enhanced learning in simulated crimes- 5G enabled devices/headsets, virtual training using 5G enabled devices/ headsets, 5G enabled Emergency Response Vehicle, 5G Meta Data Analytics etc.

4. Interaction with Ministry of Tourism on 5G Use Cases:

A meeting was held on 10.04.2023 under the chairmanship of AS(Tourism) with participation from Tourism Ministry, DoT, Indian Institute of Tourism and Travel Management & TCIL to discuss on Opportunity to Design, Develop, Pilot 5G Applications and Use cases for Tourism sector. During the interaction, the need of 5G Labs and pilot opportunities for startups/industry stakeholders was discussed.

5. Telecom Engineering Centre (TEC) contribution during the month:

- i. Second meeting of Study Group 15 constituted for the period 2022-24, Networks, technologies and infrastructures for transport, access and home, was held at Geneva from 17-28 April 2023. The Indian delegation attended the meeting and presented three important contributions. The first was on use cases of Li-Fi in healthcare and education areas and has been accepted for including as working text in the relevant technical paper. The second describing the Indian experience in the areas of optical access network has been also accepted for inclusion in the proposed new ITU-T Supplement on network architectures. The third contribution proposing a new work item on "System, Functional and Engineering requirements for establishing Free Space Optical

(FSO) transmission systems" has been taken forward for further consideration and study.

- ii. Revision and issuance of a Standard for "Specific Absorption Rate (SAR) for Wireless Communication Devices used in close proximity to human body".
- iii. Revision of a Standard on Generic Requirements for "EMF Strength Measuring Instrument in the frequency range of 30 MHz to 3/6 GHz" in view of 5G roll out and identification of new frequency bands.
- iv. Release of Essential Requirements (ER) for "E-Band Fixed Radio Relay Systems" under the MTCTE framework".
- v. Issue of a White paper on "Human Exposure Requirement for EMF Exposure in view of ICNIRP 2020 Regulation".

6. PLI Scheme:

The summary of the cumulative investment, sales and employment as on 31.03.2023 is as follows:

- **Total Investment:** Rs. 1677 Cr.
- **Total Sales:** Rs. 18678 Cr.
- **Total Exports:** Rs. 6377 Cr.
- **Total Employment:** 13108 (in No.)
- **Total number of Reporting Companies:** 42

7. Status of PM WANI Scheme:

- a. Total number of WiFi Hotspots under PM WANI added in April, 2023 - 229
- b. PM WANI Hotspots as on 30.04.2023 - 148086

8. PM Gati Shakti NMP

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

9. Continuing Reforms in Telecom Sector- Reducing application processing fee:

Application processing fee for all authorizations under UL/UL (VNO) has been made uniform and fixed at Rs. 10,000/-, except UL and UL (VNO) (All Services). This will further reduce the entry barrier specially for smaller licensees and help growth of telecom sector.

10. Social media activities undertaken during April, 2023 are at **Annexure-B.**

B. PERFORMANCE OF PSUs OF DOT

1. BHARAT SANCHAR NIGAM LTD. (BSNL)

- a. Gross SIM sale for the month: 10,56,347.
- b. Gross Bharat Fiber (FTTH) Achievement: 1,21,506 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 2,91,261 Rural FTTH connections have been provided on BharatNet infra under special project through BharatNet Udyami scheme as on 30.04.2023
- d. Gross new leased Circuits: 1375 and upgradation: 1796. Total provisioning including upgradation: 3171.
- e. Gross Bharat Air Fiber Achievement (Data): 1,224.
- f. Gross Landline Achievement: 6,577 connections.
- g. Gross ADSL Broadband Achievement: 1,024 connections.
- h. 280 Gbps of Caching links have been added (cumulatively 280 Gbps links in current FY 2023-24) making the cumulative capacity of 4410 Gbps Caching and 2854.05 Gbps Peering link capacity.
- i. MNP Ratio (Po/Pi): 5025 {Port In = 1,02,813 Port out = 5,40,056}
- 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 556 PB in the month of April, 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 38,62,674 in the month of April, 2023.
- l. International Roaming service has been launched in Serbia with operator Telecom Serbia (service - NRTRDE)
- m. Extended the scheme to offer discount of Rs. 200/- per month for 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 March, 2023 for the Financial Year 2022-23 is **Rs. 1957 Crores** against Rs. 1593.38 Crores for Financial Year 2021-22 in the comparing period.
- TCIL have secured orders for a total of approximately **Rs. 189.22 Crores** from foreign & inland clients in the month of April, 2023.

3. INDIAN TELEPHONE INDUSTRY (ITI):

The performance of the Company in the month of April 2023 is ₹ 17.32 Crores (provisional). The turnover is mainly constituted from supply of Laptops, Mini PC, HDPE, GPON ONT, Contract manufacturing, Water Pipes, Banking products, telephones, 3D Printing, AMC for MLLN/ SSTP Equipments, NGN, Business from Data Centre, Services from Test labs,

Reliability lab, VSSC Business, SaaS, GSM show room sales, 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 01.05.2023 is as follows:

Optical Fiber Cable laid	: 6,32,032 KMs
GPs connected by Optical Fibre Cable (OFC)	: 1,98,708 (GPs)
Total GPs Service Ready (OFC + Satellite)	: 1,92,428 (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 March, 2023 are as under-

Total no. of Wireline Connections	28.36 Million
Total no. of Wireless Connections	1143.96 Million
Total no. of Connections	1172.32 Million
Tele-density	84.51 %

DoT - PM GatiShakti NMP Portal:

- a. **USOF on NMP:** 10,353 sites of the 4G saturation project, and 3,388 mobile towers of other USOF projects mapped on DoT NMP.
- b. **PGCIL on NMP:** Following assets of PGCIL mapped on DoT NMP:
- 256 transmission sub-stations
 - 4,58,626 transmission locations
 - 1,67,958 km of transmission lines

- c. **NBM targets:** Following is the progress on NBM targets of Fiberization:

OFC laid	36,30,088 kms on 31-12-2022	37,26,577 as on 31.03.2023
% of BTS fiberized	37.08% on 31-12-2022	38.06% on 31-03-2023
No. of mobile towers	7,50,152 on 02-03-2023	7,56,825 as on 30-04-2023

- d. **DPIIT Area Approach:** Compiled data from all the TSPs to get telecom connectivity in these areas for PM GatiShakti Area Approach:
- Gautam Buddha Nagar, Uttar Pradesh
 - Manesar, Gurugram, Haryana
 - Ernakulam, Kerala
 - Pune, Maharashtra
 - East zone PM GatiShakti NMP meeting attended by DDG NBM at Varanasi.
- e. **Street furniture:** 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.
 - 595 bus terminals of Maharashtra

Social Media Activities Undertaken during April, 2023

Twitter:

- Total No. of Tweets: 2095
- Total Replies: 2000
- Earned- Re-tweets & Likes: 627 & 1201
- Earned Impressions: 140.2 K
- People Visits: 4531
- New Followers: 929
- Total Followers: 187.8 K

Facebook:

- Total No. of Posts: 7
- Earned Shares: 25
- Page Likes (New): 74
- Reach: 13459
- Post Engagements: 283
- New Followers: 1121
- Total Followers: 48 K

YouTube:

- New Subscribers: 50
- Total Subscribers: 1770
