

**No. 18-3/2022-O&M**  
**Government of India**  
**Ministry of Communications**  
**Department of Telecommunications**

\*\*\*

Sanchar Bhavan,  
20, Ashoka Road, New Delhi-110001  
Dated : 03-10-2022

**Subject:- Monthly Summary for the Cabinet on important events of the Department of Telecommunications for the month of August, 2022.**

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 August, 2022 for information.

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

Hindi version will follow.

Encl:-as above

*Pravin*  
3/10/2022

(Pravin Kumar Pandey)

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. Shri Ashutosh Jindal, 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. Shri SN Choudhary, Director, PIB, Room No. 104, A Wing, 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

*Pravin*  
3/10/2022

(Pravin Kumar Pandey)

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

**ANNEXURE****MONTHLY SUMMARY FOR THE CABINET ON IMPORTANT EVENTS OF THE DEPARTMENT OF TELECOMMUNICATIONS FOR THE MONTH OF AUGUST, 2022****A. Important events in DoT HQ for the Month of August, 2022:****1. Amendment of Indian Telegraph Right of Way Rules, 2016**

Vide Indian Telegraph Right of Way (Amendment) Rules, 2022 (notified on 17th August 2022), the Indian Telegraph Right of Way Rules, 2016 have been amended to facilitate faster and easier deployment of telecommunications infrastructure for enabling speedy 5G roll-out across the country.

**2. Inter-ministerial Workshop on 5G Use cases:**

DoT hosted 5G Use cases Inter-ministerial Workshop on 26.08.2022 under the chairmanship of Secretary (Telecom). Representatives of 11 line Ministries participated in the workshop. This was organized to highlight how to digital transformation in diverse functional areas including Agriculture, Health, Education, water management, Mining, Road & Rail Transportation, Tourism, Smart city & communities, Manufacturing and Ports could be enabled through 5G-powered solution. Around 25 Use-case solution providers that included SIs and Services companies presented their 5G use-cases targeting specific functional areas. Indigenous vendors also displayed their market ready 5G products. The Workshops emphasized the creation of an internal Task Force within each Ministry/Department to optimally leverage the benefits of 5G Digital technologies. This Task Force can finalise & facilitate use-case Pilots and also establish Test-Lab at Centres of Excellence (CoEs) for testing India-specific digital use-cases.

**3. DoT-Tamil Nadu State Govt-Industry stakeholders meeting on 4G /5G use case pilots**

DoT facilitated the interaction of Industry stakeholders with Tamil Nadu State Government on 16.08.2022 to discuss and explore opportunities for 4G/5G use case Pilots deployment in Tamil Nadu. It was agreed that the Tamil Nadu Government will come up with a roadmap for conducting Pilots involving these vendors after having detailed technical discussion with relevant industry members.

**4. International Relation Issues**

- a. **ITU Study Group 3 Regional Asia Oceania meeting:** DoT successfully conducted ITU Study Group 3 Regional Asia Oceania meeting from 8 -12 August 2022 in New Delhi.
- b. **Meeting with GSMA:** A meeting of DoT officials with GSMA team dealing with Mobile Connectivity Index was held in hybrid mode on 12 August, 2022 on India's Mobile connectivity index score and scope for improvement.
- c. **Bilateral meeting with President BSI Germany:** Secretary held a meeting with Mr. Arne Schönbohm, President, BSI, Germany on 17th August, 2022 on

5G India (plans for implementing the standardization of 5G in India), cyber security protection in Indian-made software and India's position and views on open RAN 5G.

- d. **Online workshop on 'Fostering Broadband Access and Connectivity':** A 2-day online workshop on 'Fostering Broadband Access and Connectivity' was organized by Telecom Regulatory Authority of India (TRAI) during 30 – 31 August 2022 under India-ASEAN Digital Workplan 2022. Participants from Regulators/Ministry of ASEAN Member States and TRAI & DoT participated in the event.

## 5. Telecom Engineering Centre (TEC):

- i. The National Plan for Distribution of Indian Standard Time to Licensed Service providers of Department of Telecommunications issued. Law Enforcement Agencies (LEAs) face challenges in collating information having different time stamps, this plan present blueprint to synchronize time of Licensed service providers with Indian Standard Time.
- ii. Standard for Generic Requirements of "Band Pass Filter for C-Band Satellite Earth Receivers in 3700-4200 MHz Guard Band" issued to address possible interference from 5G to the satellite earth receivers used for DTH television broadcasting by MSOs, etc.
- iii. OneM2M Release 3 specifications (24 Technical Specifications), transposed by TSDSI, have been adopted as National Standards by TEC. These specifications will enable the development of standardized ecosystem for IoT domain including smart cities.
- iv. Energy Consumption Rating and Energy Passport for Telecommunications Products, Equipment and Network/ Services (TEC 74046:2022) revised to include static and dynamic mode of gNodeB (5G NR). Energy Consumption Rating (ECR) standard delineates the test procedures and the measurement methodologies for ECR and energy passport certification for telecom products, equipment and networks or services. This standard will facilitate service providers and consumers in comprehensive evaluation of telecom products, equipment and networks or services with respect to energy planning and in adding energy efficiency to their purchase criteria.
- v. National Working Group (NWG)-9 meeting was held on 16.08.2022 and seven contributions submitted to ITU-T Study Group (SG)-9 proposing two new Recommendations and two new Technical Reports, for discussions in the forthcoming SG-9 meeting scheduled from 6-14th September, 2022.

## 6. PLI Scheme

The PLI Scheme for Telecom and Networking Products is effective from 1<sup>st</sup> April 2021. The summary of cumulative investment, sales and employment as on 31.07.2022 is as follows:

- Cumulative Investment (01.04.2021 to 31.07.2022 in Rs. Crore) : 651
- Cumulative Sales (01.04.2021 to 31.07.2022 in Rs. Crore): 12363
- Employment (01.04.2021 to 31.07.2022): 9729

An amended scheme to facilitate Design-Led Manufacturing with an

additional incentive rate of 1% and more telecom & networking products being added to existing PLI Scheme was launched in June 2022. The application window was opened from 21<sup>st</sup> June till 25<sup>th</sup> August, 2022. A total of 32 companies (22 MSMEs, 5 Non-MSME Domestic and 5 Global) have submitted applications. 17 of these 32 companies have applied as Design-led manufacturers and remaining as Production linked manufacturers. There are encouraging sign that India is poised to emerge as a design and manufacturing hub for telecom and networking equipment.

**7. Status of PM-WANI Scheme**

Total number of WiFi Hotspots under PM WANI added: 532

Total PM WANI Hotspots as on 31.08.2022: 1,01,007

**8. Single Window Clearances (Gati Shakti Sanchar Portal)**

- a. As part of continuing efforts by the Department to reduce compliance burden on industry and promote eased of doing business, a single 5G Application Form was launched in Gati Shakti Sanchar Portal (RoW Portal) by Hon'ble MOC on 25.08.2022. An analytical dashboard developed for DoT LSA and the administrations of States to monitor pendency of RoW Applications at various levels to have granular insights.
- b. As a result of integration of all State portal with the Sugam Sanchar RoW portal, the average number of days to dispose off applications by State Governments and Local Bodies has reduced from 221 days in July, 2021 to 17 days in August, 2022.

**9. Details of Social media activities undertaken during August, 2022:**

**Twitter:**

- Total No. of Tweets: 2958
- Total Replies: 2341
- Earned- Re-tweets & Likes: 41121 & 1643
- Earned Impressions: 180 K
- People Visits: 8068
- New Followers: 404
- Total Followers: 183 K

**Koo:**

- Total No. of Posts: 50
- New Followers: 1116
- Total Followers: 17,360

**Facebook:**

- Total No. of Posts: 76
- Earned Shares: 185
- Page Likes (New): 1478

- Reach: 83.4 K
- Post Engagements: 10,137
- Video Views: 5025
- New Followers: 635
- Total Followers: 39,563

**YouTube:**

- Total No. of Video Posts: 06
- Video Views: 3355
- Watch Time (Hrs): 10 Hrs 5 min
- New Subscribers: 40
- Impressions: 6.6 K
- Unique viewers: 919
- Total Subscribers: 1,250

**B. PERFORMANCE OF PSUs OF DOT****1. BHARAT SANCHAR NIGAM LTD. (BSNL)**

- a. Gross SIM sale for the month: 10,44,839.
- b. Gross Bharat Fiber (FTTH) Achievement: 1,04,071 connections.
- c. Gross new leased Circuits: 1,382 and upgradation: 1,620. Total provisioning including upgradation: 3,002.
- d. Gross Bharat Air Fiber Achievement (Data): 2,003.
- e. Gross Landline Achievement: 11,930 connections.
- f. Gross ADSL Broadband Achievement: 2,495 connections.
- g. 120 Gbps of Caching links have been added (cumulatively 420 Gbps links in current FY 2022-23) making the cumulative capacity of 3560 Gbps Caching along with 2614.05 Gbps Peering link capacity.
- h. MNP Ratio (Po/Pi): 3.56 {Port In = 97408, Port out = 346895}
- i. 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) to 392 PB (April-2022) to 474 PB in the month of August, 2022
- j. 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) and maintained at 37,63,224 in the month of August, 2022.
- k. For upgrading of Old legacy wireline exchange, out of planned 4.76 M capacity NGN Port migration, 0.0075 M capacity is migrated in August, 2022 (cumulative 4.060 M migrated).
- l. The data traffic from Wi-Fi has increased from 492.31 TB (Apr-2021) and 537.15 TB (Apr-2022) to 654.7 TB for August 2022.
- m. In commemoration of 75 years of Independence Day, introduced Bharat Fibre Scheme FREEDOM 75 in all the circles.
- n. In order to promote and compete, introduced new OTT Plans in Fibre Broadband – Fibre Premium OTT, Fibre Ultra OTT & Fibre Silver OTT on regular basis and Fibre Silver Plus OTT & Fibre Ruby OTT on promotional basis in all the circles (except A&N).

- o. Introduced waiver of installation charges for Landline/ broadband connections (Copper/ Fibre/ Air Fibre) in all the circles on promotional basis.
  - p. Introduced promotional scheme to offer 90% discount upto Rs. 500/- on First Fixed Monthly Charges (FMC) across all the FTTH Broadband plans (except scheme "Freedom 75") in all the circles.
  - q. Introduced discount scheme of Rs. 200/- per month for first 6 months to customers willing for conversion of existing LL (Copper voice) connection to FTTH Connection in all the circles.
2. **TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED (TCIL)**
- Provisional Operating Turnover upto July, 2022 for the Financial Year 2022-23 is **Rs. 494.33 Crores** against Rs. 471.21 Crores for Financial Year 2021-22 in the comparing period.
  - TCIL have secured orders for a total of approximately **Rs. 65.89 Crores** from foreign & inland clients in the month of August, 2022.
3. **INDIAN TELEPHONE INDUSTRY (ITI):**

The performance of the Company in the month of August 2022 is ₹ 114.23 Crores (provisional). The turnover is mainly constituted from SMPS, Mini PC, OFC, 3D Printing, Solar Panel, LED Street light, Banking products, IAF: 3G to 4G Upgradation, GujNet O&M, USOF Bhartanet project, AMC for Defence Equipment, ASCON, MLLN, NGN equipment, GSM-SZ, Business from Data Centre, Services from Test labs, Reliability lab, Start-up Hub, E-Seva, VSSC Business, SaaS, Skill development, Solid waste management, 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 29.08.2022 is as follows:

|  |   |              |
|--|---|--------------|
| Optical Fiber Cable laid                   | : | 5,89,224 KMs |
| GPs connected by Optical Fibre Cable (OFC) | : | 1,84,446 GPs |
| Total GPs Service Ready (OFC + Satellite)  | : | 1,78,972 GPs |

Under the BharatNet revised strategy approved by Cabinet on 19.07.2017, Last Mile Connectivity (LMC), with Viability Gap Funding (VGF) support from USOF, is to be provided in all GPs by installing Wi-Fi or any other broadband technologies. For this purpose, funds to the tune of Rs. 4066 Crore [@ Rs 1.6 lakh per GP] were approved by the Cabinet. The provisioning of Wi-Fi Services in about 1.10 lakh GPs of Phase-I was assigned to CSC e-Governance Services India Limited (a Special Purpose Vehicle under Ministry of Electronics & Information Technology), and in about 10,000 GPs to Government of Rajasthan/Raj COMP Info Services Ltd. (RISL), etc. Out of around 1.10 lakh GPs assigned to CSC e-Governance Services Limited (CSC-SPV) for providing Wi-Fi services across India, work of providing FTTH connections to 5 Government Institutions in 77,000 (approx.) GPs. Was also assigned, to be provided by CSC-SPV free for initial one year. With effect from 01-07-2022, the work of O&M and utilisation of BharatNet (except State led model States) have

been assigned to BSNL. Interactions have been held BBNL/BSNL with the User Ministries/Departments interacted to seek the demand for high speed data connections for the institutions running in rural areas. Demand registration portal developed and shared with the Ministries/Departments <https://ruralfiber.bsnl.co.in>. . Online portal has been developed to view the live network status upto GP level: <https://bharatnetlive.bbnlindia.in/UNMS/index.jsp>. BSNL on 30.05.2022 circulated a draft Agreement/Proposal to the User Ministries/Departments for providing FTTH at GP level in Government Institutions on BharatNet network.

The work of provisioning of Wi-Fi hotspots in about 5500 GPs of BharatNet Phase-II (being connected on satellite media), is also being implemented with funding from Universal Service Obligation Fund (USOF). For BharatNet Phase-II (being implemented on OFC/Radio), the respective Implementing Agencies are responsible for the utilisation of the created network.

Wi-Fi hotspots have been installed at 1,04,611 GPs and out of them, services are being provided at 53,600 GPs and 2,11,632 FTTH connection are installed by BSNL, CSC-SPV & other ISPs. Overall data usage on BharatNet is about 1754 (TB) for the month of July, 2022.

ii. The scope of BharatNet has now been extended upto all inhabited villages beyond GPs. On 30.06.2021, Union Cabinet accorded approval for a revised strategy for implementation of BharatNet through Public-Private Partnership (PPP) model in 16 States of the country covering about 3.61 lakh villages (including 1.37 lakh GPs). The estimated maximum Viability Gap Funding (VGF) approved for the above PPP model is Rs. 19,041 crores and the targeted date for completion of the project fixed was August, 2023. The Cabinet also accorded in-principle approval for extending broadband to all inhabited villages of the remaining States and Union Territories (UTs).

For implementation of the PPP model in 16 States, the Request for Proposal (RFP) was floated on 20.07.2021 through global bidding for selection of the Private Sector Partner(s) and bid was opened on 27.01.2022, with last date of bid submission on 27.01.2022. No bid was received to PPP Model on 27.01.2022. Revised RFP and timelines being worked out with alternative models. Project is likely to be completed by 2025.

#### **D. TELECOM SECTOR KPIs:**

The details regarding number of telephones and tele-density in the country at the end of July, 2022 are as under-

|                                    |                 |
|------------------------------------|-----------------|
| Total no. of wireline telephones   | 25.57 million   |
| Total no. of wireless telephones   | 1147.93 million |
| Total no. of telephone connections | 1173.50 million |
| Overall tele-density               | 85.10 %         |

\*\*\*\*\*