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

Sanchar Bhavan, 20, Ashoka Road,
New Delhi-110001
Dated: 28.08.2023

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

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

       Hindi version will follow.

Encl:- As above

(Anoop Kumar)
Under Secretary to the Government of India
Tele. No. 23036213

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 Bhavan, 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

(Anoop Kumar)
Under Secretary to the Government of India
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MONTHLY SUMMARY FOR THE CABINET ON IMPORTANT EVENTS OF THE DEPARTMENT OF TELECOMMUNICATIONS FOR THE MONTH OF JULY, 2023

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

1.   International Relations & Events:

i.   **ITU Council meeting:** DoT participated in the 2023 session of ITU Council in Geneva held during the period 10-21 July 2023. Secretary/DoT spoke about the preparations for World Telecommunications Standardization Assembly-24 and Global Standards Symposium-24, to be held in Delhi from 14-24 Oct 2024 at Pragati Maidan, New Delhi. The Council appointed the Chair and Vice-chair of Council working groups (CWGs) and Expert groups (EGs). India has been appointed Vice Chair of ITU. Deliberations were held with Secretary General/ITU on issues related to Area office, Secondment of DOT officers in ITU, hosting ITU's WPSD meeting in India etc. In addition, bilateral meetings were held with counterparts from USA, Japan, South Africa and DG, UNOG.

ii.   **BRICS 1st Working Group meeting:** Meeting of BRICS 1st Working Group on ICT Cooperation was held on 17th July, 2023 under the aegis of the BRICS presidency South Africa. Officials of DoT and MEA participated from India. Discussions were held regarding agenda/ schedule of the BRICS Communications Ministers Meeting and arrangements for the same.

2.   Telecom Engineering Service (TEC)

i)   TEC has been assigned the responsibility of evaluation of products under National Security Directive of Telecommunication Sector (NSDTS) and has completed evaluation of 1725 telecom products on Trustd Telecom Portal.

ii)   Under IPv6 Ready Logo Program in April- June quarter, TEC has been assigned the responsibility of Vice Chair of Asia Pacific region and reviewed 38 results. Based upon this IPv6 certificates have been awarded to 38 devices.

iii)   Using the Control Lab of TEC, New Delhi, 4G BSNL PoC testing has been completed.

iv)   Meeting of ITUT SG -16 was held during 10-21 July 2023. In the meeting the contributions on two work items of Q5/16 as recommended by NWG- 16 has been accepted.

v)   On 26th July, TEC Technical report on EMF Radiation from IOT/M2M devices was released. This report includes study of national/international standards, guidelines, policy, regulation and best practices by various international organizations/countries on EMF Exposure and SAR limits. It also provides recommendations to related stakeholders on criteria for exclusion from RF exposure limits.

vi)   Based upon the comments by TEC and its technical report released on Security by Design for IOT device Manufacturers, the LITD 17/Panel 5 'IOT Security and Privacy' Panel BIS has recommended the following:-

a.   To drop its standards LITD 17 (19140) and LITD 17 (19141) and to adopt ISO/ IEC 27400 as Indian standard.

b.   To move content of LITD 17(19141) related to levels of Assurance to LITD (19143).

c.   To have inputs from members regarding number of levels for assurance.

3.   **Status of implementation of 100 5G Use Case Labs:**

For taking forward the Budget announcements on implementation of 100 5G Use Case Labs at Academic Institutions, TCIL which has been selected as Implementation Agency has received 600+ applications from Higher educational institutions. An Institute selection committee that was constituted by TCIL that included a member from Department of Higher Education has finalized the 100 institutes. Vendor Selection committee has finalized the Vendors for PoCs (Proof of Concepts) and PoC is ongoing.

4.   **Meeting with MHA on implementation of 5G Application and Use Cases:**

A meeting under chairmanship of Union Home Secretary, MHA was held on 19.07.2023 on the Proliferation & deployment of 5G use cases related to Ministry of Home affairs (Security, Safety & Surveillance), with participation from DoT, TSPs etc. A presentation covering 5G Captive Networks & 5G Public Network use cases was made.

It was decided that MHA will explore the feasibility of establishing Centre of Excellence to identifying suitable use cases for implementation by various wings under MHA.

5.   **Anusandhan Gati Shakti: Transforming R&D Outcomes:**

A meeting was held through VC on 27.07.2023 to discuss and develop an inclusive R&D framework to lead all telecom-related R&D activities and synergize the various department funding schemes. This is in context of achieving the goal of the country obtaining 10% of the intellectual property rights (IPR) in emerging technologies such as 5G beyond/6G technologies. The meeting was attended by experts from Academia, Industry and Government organization.

The development of this R&D framework is based on 6 identified pillars in terms of inputs provided by the stakeholders. These are Collaboration between ecosystem players, Prioritization of projects, Optimization of funding and time, Incentivization, Platformisation of R&D infrastructure; and enhanced Standardization at global forums.

6.   **Meeting with DPIIT regarding Amendments in FORM 27 for Patent Application:**

A meeting was held with DPIIT on 31.07.2023 with participation from global and indigenous Industry members and associations on amendments in FORM 27. This is in continuation of the inputs provided by DoT to DPIIT as part of IPR strategy paper (prepared in line with Mandate from PMO) on inclusion of Standards related information in the FORM 27. This information will facilitate domestic vendors in obtaining licensing from concerned Standard Essential Patent (SEP) holders before commercialization of the products.

7. **Launch of Bharat 6G Alliance (B6GA):**

Hon'ble MoC launched Bharat 6G Alliance (B6GA) on 3rd July 2023 in line with the Hon'ble PM's vision in the matter. This is a collaborative platform of public and private companies, academia, research institutions, and Standards development organizations. The thrust is on developing coalition and fostering synergies with other 6G Global Alliances and facilitating international collaboration and knowledge exchange. B6GA aims to establish consortia that drive the design, development and deployment of 6G technologies in India.

Agreements for 2 Telecom Technology Development Fund (TTDF) Projects i.e., 6G THz lab and Advanced Optical Communication Testbed were signed during the event. In addition, announcement of 75 innovations under Digital Communication Innovation Square (DCIS) under Champion Services Sector Scheme (DCIS) and Telecom Technology Development Fund (TTDF) were also made.

8. **Participation in 2nd SemiconIndia 2023:** DoT participated in SemiconIndia 2023 from 28th July, 2023 to 30th July, 2023 at Gandhinagar, Gujarat along with startups viz, M/s Wisig Networks Private Limited, M/s Signalchip Innovations Private Limited and M/s OptimusLogic Systems India Private Limited.

9. **PLI Scheme:**

The summary of the cumulative investment, sales and employment as on 30.06.2023 is as follows:

- **Cumulative Investment:** Rs. 2231 Cr.
- **Total Sales:** Rs. 16410 Cr.
- **Total Exports:** Rs. 28725 Cr.
- **Total Employment:** 7165 (in No.)

10. **Status of PM WANI Scheme:**

   a. Total number of WiFi Hotspots under PM WANI added in July, 2023 – 371

   b. PM WANI Hotspots as on 31.07.2023 – 148917

11. **PM Gati Shakti NMP**

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

12. **Call Before u Dig:**

   a) Asset owners - 6,898 users created increasing from 34316 (Jun-23) to 41214 (July-23).

   b) Excavators - 686 registered in July 2023 taking cumulative fig to 13569.

   c) 799 enquiries were raised during the month of July 2023.

   d) DO sent from DG (Telecom) to DG BRO for use of CBuD App by departments under BRO prior to excavation activities.

   e) CBuD Training organised for BSNL and PWD officials of UP states. Total 180 officials attended the meeting.

   f) New Features - Rescheduling, Withdrawal of Enquires and User Transfer has been tested and under security audit.

13. **Documenting Human Stories - Media Campaign "Bharat Internet Utsav- Celebrate the power of Internet (https://innovateindia.mygov.in/bharat-internet-utsav/):**

DoT is celebrating "Bharat Internet Utsav" in collaboration with MyGoV wherein Citizens can share their stories/videos on how internet has transformed the lives of the people. Citizens can share on any social media handle with #BharatInternetUtsav tag and thereafter post the link on MYGOV and can win cash prizes upto Rs.15,000. All Secretaries of GoI and Chief Secretaries of State Governments, CEO UDAI, all field units of DoT, about 30 Ministries / Departments of GOI were tagged on twitter and were requested for wide publicity to the campaign. Till 31.07.2023, about 2.8K videos have been received.

14. **GoM Approval**

Financial approval of GoM for three properties of BSNL. (GoM 1st LoT) valuing Rs. 139.74 Crores and one asset for direct sale/ alienation to Kerala State Pollution Control Board (KSPCB), Govt. of Kerala for Rs. 44.74 crore has been conveyed to BSNL during the month.

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

B.   PERFORMANCE OF PSUs OF DOT

1.   BHARAT SANCHAR NIGAM LTD. (BSNL)

   a. Gross SIM sale for the month: 9,89,178.
   b. Gross Bharat Fiber (FTTH) Achievement: 1,14,332 Nos. in the month of July, 2023
   c. A total of 3,80,941 Rural FTTH connection has been provided on BharatNet infra under special project through BharatNet Udyami as on 31.07.2023.
   d. Gross new leased Circuits: 1622 and upgradation: 1704. Total provisioning including upgradation is 3326 in July-2023.
   e. Gross Bharat Air Fiber Achievement (Data): 1,038.
   f. Gross Landline Achievement: 7,089 connections.
   g. Gross ADSL Broadband Achievement: 901 connections.
   h. 140 Gbps of Caching links and 60 Gbps of peering links have been added (cumulatively 1050 Gbps links in current FY 2023-24) making the cumulative capacity of 4620 Gbps Caching and 3414.05 Gbps Peering link capacity.
   i. MNP Ratio (Po/Pi): 6.75 (Port In = 85,247, Port out = 5,75,609)
   j. The data traffic from wire line broadband has increased from 118.2 PB (April-2019), 155 PB (April-2021) and 278.6 PB (April-2021) and 392.5 PB (April-2022) and 556 PB (April-2023) to 641 PB in the month of July, 2023
   k. The data traffic from Wi-Fi has been increased 442.75 TB (Apr-2023) to 464.79 TB for July- 2023
   l. Number of online transactions on portal has increased from 27,82,427 (April-2019), 36,53,078 (April-2020), 38,71,899 (April-2021) & 37,45,974 (April-2022) and 38,62,674 (April-2023) to 39,29,158 in the month of July, 2023.
   m. In order to promote and popularize FTTH services, FTTH voice unlimited plans for migrating existing Landline customers to FTTH have been introduced.
   n. International Roaming service has been launched in South Sudan with operator Digitel Holdings Limited. (Service- NRTRDE, GSM & CAMEL)

2. **TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED (TCIL)**

- Provisional Operating Turnover upto June, 2023 for the Financial Year 2023-24 is **Rs. 435.43 Crores** against Rs. 351.01 Crores for Financial Year 2022-23 in the comparing period.
- TCIL have secured orders for a total of approximately **Rs. 536.56 Crores** from foreign & inland clients in the month of July, 2023.

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

The performance of the Company in the month of July 2023 is ₹ 29.32 Crores (provisional). The turnover is mainly constituted from supply of Laptops, Mini PC & IT Products, OFC, LED street lights, Smart Cards, GPON ONT, Telephones, 3D Printing, SNVM, Contract manufacturing, HDPE, Water Pipes, Banking products, Execution of GUJNET, Airtel FTTH/NLD Rollout, BSNL 4G PoC & NFS Projects, AMC for MLLN/ SSTP, GPoN, Defence Equipment, Business from Data Centre, Services from Test labs, Reliability lab, VSSC Business, SaaS, ITI E-Seva, GSM show room sales, skill development, Third party audit in Jharkhand 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 31.07.2023 is as follows:

Optical Fiber Cable laid	: 6,49,085 KMs
GPs connected by Optical Fibre Cable (OFC)	: 1,91,105 (GPs)
Total GPs Service Ready (OFC + Satellite)	: 1,95,918 (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 June, 2023 are as under–

Total no. of Wireline Connections	29.40 Million
Total no. of Wireless Connections	1143.54 Million
Total no. of Connections	1172.94 Million
Tele-density	84.36 %

DoT - PM GatiShakti NMP Portal:

a. **NBM targets:** Following is the progress on NBM targets of Fiberization:
(**BTS Fiberization status as on** 31.05.2023 & OFC laid data as on 30.06.2023 updated)

OFC laid	37,26,577 as on 31.03.2023	38,06,865 as on 30.06.2023
% of BTS fiberized	38.44% on 30-04-2023	39.52% on 30-05-2023
No. of mobile towers	7,64,115 as on 30-06-2023	7,67,653 as on 31-07-2023

b. **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 in Maharashtra
- 3,368 bus stops on MP
- 6,07,618 electric poles of CSPDCL, Chattisgarh
- ~18 lakh electric poles in Odisha (BISAG asked to pull on DoT NMP)
- 52,58,763 electric poles, 800 bus stops, many govt. buildings of Maharashtra (BISAG asked to pull on DoT NMP)

Social Media Activities Undertaken during July, 2023

Twitter:

- Total No. of Tweets: 2293
- Total Replies: 2141
- Earned- Re-tweets & Likes: 11781 & 1698
- Earned Impressions: 175.1 K
- People Visits: 7269
- New Followers: 996
- Total Followers: 190.5 K

Facebook:

- Total No. of Posts: 21
- Earned Shares: 61
- Page Likes (New): 352
- Reach: 27956
- Post Engagements: 2195
- Video Views: 647
- New Followers: 1697
- Total Followers: 52 K

YouTube:

- Total No. of Video Posts: 16
- Video Views: 22346
- Watch Time (Hrs): 3094.5 Hours
- New Subscribers: 1000
- Total Subscribers: 3240

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