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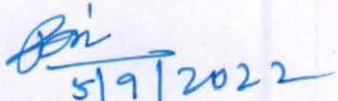***

Sanchar Bhavan,
20, Ashoka Road, New Delhi-110001
Dated : 05-09-2022

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

2.   This issues with the approval of Competent Authority.

Hindi version will follow.

Encl:-as above

5|9|2022

(Pravin Kumar Pandey)
Under Secretary to the Government of India
Tele. No. 011-23036073

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

5/9/2022

(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 JULY, 2022

A. Important events in DoT HQ for the Month of July, 2022:

1. 5G Spectrum Auction

The list of Pre-qualified bidders and final bidders uploaded on DoT website. Spectrum Auction started on 26.07.2022 and completed on 01.08.2022. 72,098 MHz spectrum was put to auction. 51,236 MHz (71% of 72,098 MHz) has been sold with bid amounting to Rs. 1,50,173 Cr.

2. Saturation of 4G Mobile Services in uncovered villages

Cabinet on 27.07.2022 approved the project for saturation of 4G mobile services in uncovered villages at a total cost of Rs. 26,316 Cr. The project will provide 4G mobile services in 24680 uncovered villages in remote and difficult areas. The project has a provision to include 20% additional villages on account of rehabilitation, new-settlements, withdrawal of services by existing operators etc. In addition, 6,279 villages having only 2G/3G connectivity shall be upgraded to 4G.

The project will be executed by BSNL using Atmanirbhar Bharat's 4G technology stack and will be funded through Universal Service Obligation Fund. The project cost of Rs. 26,316 Cr includes CAPEX and 5 year OPEX.

3. Revival package of BSNL

The Union Cabinet on 27.07.2022 approved the revival package of BSNL amounting to Rs. 1.64 Lakh Cr. Revival measures include infusion of fresh capital for upgrading BSNL services, allocation spectrum, de-stressing its balance sheet, and augmenting its fiber network by merging Bharat Broadband Nigam Limited (BBNL) with BSNL.

4. International Relation Issues

a. **8th Meeting of BRICS Communications Ministers:** The 8th Meeting of BRICS Communications Ministers was held in virtual mode on 06.07.2022 under the presidency of China. Minister of Railways, Communications, Electronics and Information Technology Sh. Ashwini Vaishnaw, participated in the meeting and highlighted achievements of India in the field of ICT. He also underlined the reforms undertaken by Government in Telecom sector. The Ministers decided to work in the field of ICTs in areas identified at the 14th BRICS Summit held on 23-24 June 2022. All Ministers appreciated the work-plans finalized for BRICS Institute for Future Networks (BIFN), Digital BRICS Task Force (DBTF) and hoped that these mechanisms will help in deepening Innovative cooperation among BRICS countries. The Ministers also adopted a Declaration of the 8th BRICS Communications Meeting. All Ministers appreciated India's offer for platforms for Digital Public Goods like Aadhaar, CoWin, UPI and Diksha and decided to further collaborate in this area.

b. **ADGSOM-ATRC JWG Meeting with India:** ASEAN Digital Senior Officials' Meeting (ADGSOM) and ASEAN Telecom Regulators Council (ATRC) Joint Working Group (JWG). (ADGSOM-ATRC JWG) Meeting with India was held on 26th July 2022 in virtual mode. The representatives from DoT, Indian Mission to ASEAN, all ASEAN Member States and ASEAN Secretariat participated in the meeting. During the meeting, India presented the progress of India- ASEAN Digital workplan 2022 and the activities proposed under India- ASEAN Digital workplan 2023.

5. **Telecom Engineering Centre (TEC) :**

i. TEC delegation attended ITU-T SG-20 meeting, Geneva from 18-22 July 2022 and proposed revision of work item Y. SRC "Requirement for deployment of Smart services in rural community". This work item is expected to be approved as ITU Recommendation in the next meeting of SG-20. Also, a contribution was proposed on the ongoing work item Y.IIoT-infra-SM-fr "Requirements and framework of Industrial IoT (IIoT) infrastructure for smart manufacturing".

ii. Four contributions namely "Architectural framework for Machine Learning Sandbox in future networks including IMT-2020", "Use cases for Autonomous Networks", "Trust Registry for Devices and Applications: requirements, architectural framework", "Architectural framework for NGN evolution for IMT-2030 by extending SDN paradigm to the Network control plane" were presented remotely to ITU-T SG-13 meeting held from 4th – 15th July 2022.

6. **PLI Scheme**

The PLI Scheme for Telecom and Networking Products is effective from 1st April 2021. The summary of cumulative investment, sales and employment as on 30.06.2022 is as follows:

- Cumulative Investment (01.04.2021 to 30.06.2022 in Rs. Crore) : 566
- Cumulative Sales (01.04.2021 to 30.06.2022 in Rs. Crore): 11218
- Employment (01.04.2021 to 30.06.2022): 7435

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

In the Month of July, BSNL has added 35,895 PMWANI Hotspots and total Hotspots have reached to 1,00,475. A total of 797 hotspots were added during July 2022.

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

Integration with the Ministry of Railways, MoRTH is fully completed.

9. **DoT- PM GatiShakti NMP Portal**

OFC Network of approx. 10 Lakh Route Km of Government Agencies/ PSUs (BSNL, BBNL, RAILTEL, GAIL) has been mapped. Mapping done for approx.. 5.73 Lakh Telecom Towers and 19 Lakh BTSs. Letters have been written to all the state/UT governments to map the OFC (Optical Fibre) laid by State PSUs on the PM GatiShakti NMP platform.

10. **Details of Social media activities undertaken during July 2022 :**

Twitter:

- Total No. of Tweets: 714
- Total Replies: 2341
- Earned- Re-tweets & Likes: 141 & 1441
- Earned Impressions: 180 K
- People Visits: 10,630
- New Followers: 501
- Total Followers: 183 K

Koo:

- Total No. of Posts: 61
- New Followers: 1716
- Total Followers: 17,360

Facebook:

- Total No. of Posts: 84
- Earned Shares: 308
- Page Likes (New): 1880
- Reach: 110.2 K
- Post Engagements: 12,750
- Video Views: 19,618
- New Followers: 635
- Total Followers: 39,563

YouTube:

- Total No. of Video Posts: 06
- Video Views: 1714
- Watch Time (Hrs): 19 Hrs
- New Subscribers: 50
- 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: 10,31,014.
b. Gross Bharat Fiber (FTTH) Achievement: 1,05,099 connections.

c. Gross new leased Circuits: 1,726 and upgradation: 1,330. Total provisioning including upgradation: 3,056.

d. Gross Bharat Air Fiber Achievement (Data): 3,315.

e. Gross Landline Achievement: 12,895 connections.

f. Gross ADSL Broadband Achievement: 2,818 connections.

g. 60 Gbps of Caching links have been added (cumulatively 300 Gbps links in current FY 2022-23) making the cumulative capacity of 3440 Gbps Caching along with 2614.05 Gbps Peering link capacity.

h. MNP Ratio (Po/Pi): 3.89 {Port In = 143422, Port out = 558200}

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 438 PB in the month of July, 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 38,17,956 in the month of July, 2022.

k. For upgrading of Old legacy wireline exchange, out of planned 4.76 M capacity NGN Port migration, 0.0067 M capacity is migrated in July, 2022 (cumulative 4.059 M migrated).

l. The data traffic from Wi-Fi has increased from 492.31 TB (Apr-2020) and 537.15 TB (Apr-2021) to 568.15 TB for July 2022.

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

- Provisional Operating Turnover upto June, 2022 for the Financial Year 2022-23 is **Rs. 351 Crores** (Aprox.).

- TCIL have secured orders for a total of approximately **Rs. 127.93 Crores** from foreign & inland clients in the month of July, 2022.

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

The performance of the Company in the month of July 2022 is ₹ 44.57 Crores (provisional). The turnover is mainly constituted from SMPS, Mini PC, OFC, HDPE, 3D Printing, NFS projects, Contract Manufacturing, Banking products, ONT, SNDM, IAF: 3G to 4G Upgradation, AMC for Defence Equipment, NGN equipment, GSM-SZ, Business from Data Centre, Services from Test labs, Reliability lab, Start-up Hub, E-Seva, VSSC Business, SaaS, GSM-Franchise and business generated by Corporate, MSP, 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 01.08.2022 is as follows:

Optical Fiber Cable laid	:	5,85,270 KMs
GPs connected by Optical Fibre Cable (OFC)	:	1,83,542 GPs
Total GPs Service Ready (OFC + Satellite)	:	1,78,174 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 has been 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, it is also providing FTTH connections to 5 Government Institutions in 77,000 (approx.) GPs.

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 1,04,324 GPs and out of them, services are being provided at 53,600 GPs and 2,06,191 FTTH connection are installed by BSNL, CSC-SPV & other ISPs. Overall data usage on BharatNet is about 2177 (TB) for the month of June, 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 biding 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 June, 2022 are as under-

Total no. of wireline telephones	25.52 million
Total no. of wireless telephones	1147.29 million
Total no. of telephone connections	1172.81 million
Overall tele-density	85.12 %

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