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

Sanchar Bhavan,
20, Ashoka Road, New Delhi-110001
Dated: 28-07-2022

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

The undersigned is directed to circulate herewith a copy of the unclassified portion of the Monthly Summary on the important events of the Department of Telecommunications for the month of June, 2022 for information.

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

Hindi version will follow.

Encl:-as above

28/7/2022

(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 (5 copies), 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 Bhavan, New Delhi.

11. Policy-I Section w.r.t. their letter No. 6/6/2008-Policy-I dated 14.11.2008

28/7/2022

(Pravin Kumar Pandey)
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<u>ANNEXURE</u>

<u>MONTHLY SUMMARY FOR THE CABINET ON IMPORTANT EVENTS OF THE DEPARTMENT OF TELECOMMUNICATIONS FOR THE MONTH OF JUNE, 2022</u>

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

1.   Spectrum Auction:
        Union Cabinet has approved the spectrum auction proposal with subject "Creating 5G Ecosystem and Spectrum Auction" in its meeting on 14.06.2022. NIA 2022 for the auction has been published on 15.06.2022 and uploaded on DoT website on same day. 4 companies – M/s Adani Data Networks Ltd., M/s Reliance Jio Infocomm Ltd., M/s Vodafone Idea Ltd., M/s Bharti Airtel Ltd. are participating in the auction scheduled for July 26th. A rollout function has been proposed for September end 2022.

2.   Network for Spectrum (NFS):
        DoT handed over the Indian Army's communication network for Western Command on 27 June 2022 which is part of the Network for Spectrum (NFS). NFS network is a state of the art, secure, dedicated, exclusive communications network for the Defense services comprising of approx. 57000 kms OFC and associated network equipment like Dense Wavelength Division Multiplexing (DWDM), Internet Protocol Multi-Protocol Label Switching (IP-MPLS), Satellite, Microwave, Unified Network Management System (UNMS), etc. The NFS networks of South Western Command and Western Commands have been inaugurated by Hon'ble RM on 8th April and 24th June 2022. The rest of the 4 Army commands and NFS of Navy and AirForce is scheduled for completion by December 2022.

3.   Engagement with Smart city Administrators Team on 5G Use cases:
        As a part of 5G Inter-Ministerial Committee on 5G Use case Lab and applications, the Department facilitated a sector specific VC meeting on 29.06.2022 with Smart city Administrators Team of 10 locations including Director, Smart city Mission and TSPs (RJIL, VIL), System Integrators/Solution Providers/ Startups (Ambupod, Superceuticals, Calligo Technologies, Qualcomm, L&T, Tech M, TCS, Infosys, Wipro, Nimble Vision, CDAC), Academia (IIIT H). Around 14 presentations have been made to the Smart city Team by the Solution Providers. As a way forward, IISc Team in co-ordination with Smart City Teams will assess the use cases for facilitation of trials/pilots opportunities further.

4.   Funding to startups:
        DoT approved a grant of over Rs. 50cr for 43 start-ups/MSMEs for development of telecom technologies like 5G under Digital Communication Innovation Square initiative (DCIS).

5.   Commissioning of Network Security Lab:
        A Network Security Lab was inaugurated by National Telecommunications Institute for Policy Research, Innovation and Training (NTIPRIT) on 25.06.2022 to facilitate DoT officers to learn about network security fundamentals such as VPNs, VLANs, Router security, Firewall, Encryption, Digital Certificates, DDOS attack, Man in the middle attack, DNS spoofing and Network Hardening techniques etc.

6. **Online Workshop on "Trusted Sources Framework for Network Equipment":** NTIPRIT in association with National Security Council Secretariat (NSCS) organized an online workshop on "Trusted Sources Framework for Network Equipment" on 15th June 2022. Apart from DoT and its CPSEs, the workshop was attended by Telecom Service Providers, Internet Service Providers, industry bodies such as COAI, ISPAI, NASSCOM, various OEMs and System Integrators.

7. **International Relation Issues**

   a. **World Summit on the Information Society (WSIS) Forum 2022:** Indian delegation led by Hon'ble MoSC participated in WTDC-21 held in Geneva, Switzerland during 31st May – 3rd June 2022. Hon'ble MoSC delivered policy statement on the theme of "Bridging Digital Divides" in the High-Level Interactive Policy Session and attended the Ministerial Round-table on 1st June 2022.

   b. **World Telecommunication Development Conference 2021 (WTDC-21):** An Indian delegation from DoT participated in WTDC-21 held in Kigali, Rwanda, from 6th to 16th June 2022. The delegation piloted the Indian contributions in various resolutions and secured position of Vice-chair in Study Group 1 of ITU-D. During the event, Parter2connect pledge and policy statement on Bharatnet were delivered virtually by Secretary (T).

   c. **BRICS Institute of Future Networks (BIFN) council Meeting and BRICS Working Group meeting on ICT Cooperation:** BIFN council meeting was held on 22.06.2022 and 2nd Meeting of BRICS Working Group on ICT Cooperation was held on 24, 25 & 30 June, 2022. In both the meetings, discussions were held to finalize the Work Plan of BRICS Institute of Future Networks, Work Plan for Digital BRICS Task Force and Declaration of 8th BRICS Communication Ministers Meeting to be adopted in the BRICS Communication Ministers Meeting to be held in July 2022.

   d. **ITSO AP-40 (Assembly of Parties-40) Meeting:** International Telecommunication Satellite Organization AP-40 (Assembly of Parties-40) Meeting was held from 28-30 June, 2022 to discuss the various issues of ITSO.

8. **License fee in the month of June, 2022 :** The License Fee collection as per SARAS (System for Assessment of License Fee Revenue & Spectrum Usage Charges) software for the month of June, 2022 is Rs. 7.84 crore.

9. **Telecom Engineering Centre (TEC) :** Among other initiatives during the month, Test Guides for Conditional Access System (CAS) and Subscriber Management System (SMS) for Broadcasting and Cable services was released on 15.06.2022. These test guides have been prepared by TEC after detailed stakeholder consultations. TRAI has designated TEC as the testing and certification agency for CAS and SMS in the country.

10. **PLI Scheme :** The Guidelines for the PLI Scheme for Telecom & Networking Products have been amended on 20th June, 2022 to introduce the Design-led Manufacturing with additional incentives rates. DoT is inviting Design-led manufactures as well as others, for availing incentive under the PLI Scheme for five years commencing

from 1st April, 2022. The registration process has started from 21st June, 2022 at https://www.pli-telecom.udyamimitra.in and the application window open for 30 days upto 20th July, 2022.

Salient figures as on 31.05.2022 under the Scheme are as follows:

- Cumulative Investment (01.04.2021 to 31.05.2022 in Rs. Crore) : 538
- Cumulative Sales (01.04.2021 to 31.05.2022 in Rs. crore): 10178
- Employment (01.04.2021 to 31.05.2022): 5693

11.   Observance of 8th International Day of Yoga:

- In order to promote the theme of 8th International Day of Yoga - 'Yoga for Humanity' which focuses on Brand India at Global Stage while showcasing its iconic places, Department of Posts and Department of Telecommunication had jointly organized several activities, on 21st June 2022 at Archeological site at Dholavira –District Kachchh (Gujarat).
- The Department also actively participated in the IDY celebrations at Konark graced by the Ho'ble Minister of Railways Shri Ashwini Vaishnaw. Field Offices also participated enthusiastically through Virtual Link.
- In DoT HQ and its attached/subordinate offices and CPSEs too, IDY 2022 was commemorated appropriately. Secretary/T led the participation of officers & staff at 7AM on the day in the Common Yoga Protocol guided by expert practitioners from the Moraji Desai National Institute of Yoga.

12.   Status of PM-WANI Scheme
As on 30.06.2022, LSAs have registered 318 PDOAs and 164 App providers under PM-WANI framework. Total 99,926 Wi-Fi APs under PM-WANI have been deployed across the country.

13.   PM-GatiShakti National Master Plan :
To further the objectives of the PM-GatiShakti National Master Plan, all 36 States/UTs are now fully linked on National "GatiShakti Sanchar" portal. DoT is using National Master Plan (NMP) for planning in advance for (i) Fiberisation of unfiberised towers, (ii) Planning of towers for uncovered villages under USOF, and (iii) Connecting the new USOF towers with fibres laid under BharatNet. A presentation was made to the Council of Ministers on GSNMP and Secretary, DoT made a presentation on DoT's contributions.

14.   Details of Social media activities undertaken during June 2022 :

Twitter:

- Total No. of Tweets: 266
- Total Replies: 2569
- Earned- Re-tweets & Likes: 898 & 1833
- Earned Impressions: 252 K
- People Visits: 10,230
- Video Views: 2,573

- New Followers: 43

Total Followers: 182.6 K

Koo:

- Total No. of Posts: 74
- New Followers: 636

Total Followers: 15,602

Facebook:

- Total No. of Posts: 67
- Earned Shares: 204
- Page Likes (New): 359
- Reach: 77,235
- Post Engagements: 6,825
- Video Views: 2,573
- New Followers: 359

Total Followers: 37,412

YouTube:

- Total No. of Video Posts: 02
- Video Views: 433
- Watch Time (Hrs): 10.8 Hrs
- New Subscribers: 14
- Impressions: 4.6 K
- Unique viewers: 315

Total Subscribers: 1,200

B. **PERFORMANCE OF PSUs OF DOT**

1. **BHARAT SANCHAR NIGAM LTD. (BSNL)**

a. Gross SIM sale for the month: 10,37,957.
b. Gross Bharat Fiber (FTTH) Achievement: 97,904 connections.
c. Gross new leased Circuits: 2,435 and upgradation: 1,739. Total provisioning including upgradation: 4,174.
d. Gross Bharat Air Fiber Achievement (Data): 2,025.
e. Gross Landline Achievement: 14,088 connections.
f. Gross ADSL Broadband Achievement: 2,975 connections.
g. 20 GB of Caching links have been added (cumulatively 240 GB links in current FY 2022-23) making the cumulative capacity of 3380 GB Caching and 2614.05 GB Peering link capacity.
h. MNP Ratio (Po/Pi): 3.86 {Port In = 157084, Port out = 606231}
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 421 PB in the month of

June, 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) to 37,28,084 in the month of June, 2022.

k. For upgrading of Old legacy wireline exchange, out of planned 4.76 M capacity NGN Port migration, 0.0157 M capacity is migrated in June, 2022 (cumulative 4.05 M migrated).

2. TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED (TCIL)

- Provisional Operating Turnover upto May, 2022 for the Financial Year 2022-23 is **Rs. 211.34 Crores** against **Rs. 202.904 Crores** for Financial Year 2021-22 in the comparing period.
- TCIL have secured orders for a total of approximately **Rs. 484.58 Crores** from foreign & inland clients in the month of June, 2022.

3. INDIAN TELEPHONE INDUSTRY (ITI):

The performance of the Company in the month of June 2022 is ₹ 164.52 Crores (provisional). The turnover is mainly constituted from SMPS, Solar Panel Manufacturing, Mini PC, OFC, HDPE, Mini PDO, Smart cards, 3D Printing, Contract Manufacturing, Banking products, Solid Waste Management System, Supply of poles, IAF: 3G to 4G Upgradation, Execution of ASCON Ph-IV, TANFINET, Gujnet, MahaNet, NFS projects, AMC for Defence Equipment, NGN equipment, OCB, GSM-SZ, Business from Data Centre, ASCON Ph-III, GPoN, MLLN, C-DoT ANRAX cards, Services from Test labs, Reliability lab, Start-up Hub, E-Seva, VSSC Business, SaaS, GSM-Franchise, Skill Development, Third Party Audit Services (TPA) for implementation of Bharatnet Phase II project in the states of Jharkhand, Odisha 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 27.06.2022 is as follows:

Optical Fiber Cable laid	:	5,80,491 KMs
GPs connected by Optical Fibre Cable (OFC)	:	1,82,038 GPs
Total GPs Service Ready (OFC + Satellite)	:	1,77,374 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 1,04,293 GPs and out of them, services are being provided at 53,595 GPs and 2,06,786 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) with estimated maximum Viability Gap Funding (VGF) of Rs. 19,041 crores. The Cabinet has 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 May, 2022 are as under-

Total no. of wireline telephones	25.21 million
Total no. of wireless telephones	1145.40 million
Total no. of telephone connections	1170.62 million
Overall tele-density	85.02 %

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