I/3067550/2022

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

Sanchar Bhavan,
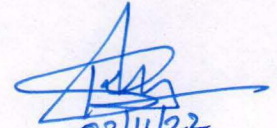20, Ashoka Road, New Delhi-110001
Dated : 03-11-2022

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

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

Hindi version will follow.

Encl:-as above

03/11/22
(Kuldeep Kumar)
Under Secretary to the Government of India
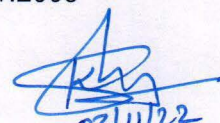Tele. No. 23036073

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 Bhavan, New Delhi.

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

03/11/22

(Kuldeep Kumar)
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 SEPTEMBER, 2022

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

1. **43 startups assisted under Digital Communication Innovation Square**

On 28.09.2022, 1st installment of grant amounting to Rs.21,12,40,000 for all 43 selected beneficiaries was released, the Implementing Agency for this sub scheme "Setting up of Digital Communication Innovation Square (DCIS)" under Champion Services Sector Scheme (CSSS) for FY 2022- 23.

2. **Draft Indian Telecommunication Bill**

The draft Indian Telecommunication Bill has been released by the Department of Telecommunications on 21.09.2022 on its website for consultation with concerned stakeholders and general public. Comments on the draft Bill have been invited by 30.10.2022. A Press Meet was also organized at National Media Centre on 23.09.2022 at which the Hon'ble Minister of Communications presented the salient features of the proposed Bill and clarified queries raised by assembled media persons. Interactions with various Ministries, TRAI etc have been organized to get their views on the draft.

3. **ITU Plenipotentiary Conference 2022 (PP-22)**

Indian delegation led by Shri Devusinh Chauhan, Hon'ble Minister of State for Communications participated in ITU PP- 2022 which was held from 24 Sept-14 Oct 2022 in Bucharest, Romania. Hon'ble MoSC delivered a policy statement on theme "Connect and Unite" on 27th September 2022 during the event. During the first week of the ITU PP-22 conference, the Hon'ble MoSC held bilateral meetings with United States, Cuba, Russia, Egypt, Saudi Arabia, Tunisia, etc.

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

a. TEC released Study Paper on "Digital Right Management (DRM) System – A Technology for Secured Delivery of Digital Content through the Internet": Digital Rights Management (DRM) is the use of technology to control and manage access to copyrighted material. DRM aims to protect the copyright holder's rights and prevents content from unauthorized distribution and modification. It helps entertainment and media companies protect themselves from the cyber security challenges that all organizations face, such as protecting customer data, ensuring and demonstrating compliance, enhancing operational efficiency, and preventing downtime. DRM enables authors, musicians, moviemakers, and other content creators to clarify and control what people can and cannot do with their content. It also allows them to protect their copyrighted material, safeguard the creative and financial investment they put into their work, and make it impossible for their media to be stolen or shared illegally.

b. The ITU-T Study Group (SG)-9 meeting held during 6-14th September, 2022 was attended by Indian delegation. The SG9 meeting agreed to start work on the following new work items in respect of NWG-9 contributions:

- Secondary distribution of digital television and audiovisual content to portable

devices using Wi-Fi.
- Factual subscriber base reporting and protected content delivery in conditional access system (CAS) – Requirements
- Technical report on factual subscriber base reporting and protected content delivery in conditional access system.
- Technical report on Technical advances, challenges, and best practices in live captioning.

5. 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 31.08.2022 is as follows:

- Cumulative Investment (01.04.2021 to 31.08.2022 in Rs. Crore) : 689
- Cumulative Sales (01.04.2021 to 31.08.2022 in Rs. Crore): 13493
- Employment (01.04.2021 to 31.08.2022): 10587

6. Status of PM-WANI Scheme
Total number of WiFi Hotspots under PM WANI added during the month : 13660
Total PM WANI Hotspots as on 30.09.2022: 114667

7. DoT - PM GatiShakti NMP Portal, progress on Single Window Clearances & development of an important App ("Call Before You Dig")

DoT - PM GatiShakti NMP Portal:

a. Mapping - OFC Network of approx 10 Lakh Route Km of PSUs (BSNL, BBNL, RAILTEL, GAIL) mapped. Mapping done for approx 5.73 Lakh Telecom Towers and 19 Lakh BTSs.
b. RF coverage prediction maps of 12 LSA mapped.
c. Street furniture of Chandigarh UT collected and mapped.
d. State PSUs OFC collected from Telangana mapped.
e. Nearly 1 lakh PM-WANI WiFi hotspots collected from CDoT and mapped.
f. **Capacity Building:** User module training for 80+ BSNL officers conducted on 1st Sept 2022.
g. Data collection from TSPs/ISPs/IPs has been started and BTS details & RF maps of all LSAs have been collected & mapped as cited above.
h. Following is the progress on NBM targets of Fiberization:

OFC laid	33,71,256 kms on 31-03-2022	34,62,972 kms on 30-06-2022
% of BTS fiberized	34.93% on 31-03-2022	35.11% on 30-06-2022
No. of mobile towers	7,30,431 on 31-08-2022	7,33,949 on 06-10-2022

Single-Window Clearances through the Portal

i. Meeting was conducted on 6.9.2022 with the IT team of States/UTs and representatives of Field Units (LSAs) on development of the 5G application form in the RoW portal of States/UTs.
ii. Analytical dashboard developed for DoT LSA and State' Admin to monitor pendency of RoW Applications at various levels of administration to have granular insights of the same.
iii. Development of the portal for MoD-DGDE (CANTT) completed and under testing.
iv. Integration of New Delhi MC with GatiShakti Sanchar portal developed and is under testing.

v. Development of dashboard of Central Ministries completed.

Call Before u Dig (ABuD) (App):

a. Development of App has been completed and UAT of Mobile app has been done successfully.
b. Pilot Launch preparation of Call Before u Dig App was conducted on 20.9.2022 with Secretary(ies) (IT) of Gujarat and Dadra & Nagar Haveli.
c. User credential of Asset owners for central agency completed for Gujarat & DNH.

8. **5G Rollout:** Working Committee formation done in 12 states for 5G rollout.

9. **Rollout of e-HRMS** in the 22 LSAs across the country has been coordinated and troubleshooting wherever required, is being done.

10. Details of Social media activities undertaken during September, 2022:

Twitter:
• Total No. of Tweets: 2625 • Total Replies: 2341 • Earned- Re-tweets & Likes: 10321 & 895 • Earned Impressions: 29394 • People Visits: 7748 • New Followers: 252 • Total Followers: 183.7 K
Koo:
• Total No. of Posts: 40 • New Followers: 916 • Total Followers: 17,160
Facebook:
• Total No. of Posts: 14 • Earned Shares: 19 • Page Likes (New): 3073 • Reach: 78.4 K • Post Engagements: 19254 • Video Views: 1158 • New Followers: 173 • Total Followers: 30,236
YouTube:
• Total No. of Video Posts: 01 • Video Views: 2036 • Watch Time (Hrs): 59 Hrs 8 min • New Subscribers: 20 • Impressions: 6.6 K • Unique viewers: 919 • Total Subscribers: 1,230

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B. PERFORMANCE OF PSUs OF DOT

1. BHARAT SANCHAR NIGAM LTD. (BSNL)

a. Gross SIM sale for the month: 11,14,432.

b. Gross Bharat Fiber (FTTH) Achievement: 1,09,874 connections.

c. Gross new leased Circuits: 1,382 and upgradation: 3,602. Total provisioning including upgradation: 5,419.

d. Gross Bharat Air Fiber Achievement (Data): 2,103.

e. Gross Landline Achievement: 11,651 connections.

f. Gross ADSL Broadband Achievement: 2,869 connections.

g. 60 Gbps of Caching links and 100 Gbps of peering links have been added (cumulatively 580 Gbps links in current FY 2022-23) making the cumulative capacity of 3620 Gbps Caching along with 2714.05 Gbps Peering link capacity.

h. MNP Ratio (Po/Pi): 4.54 {Port In = 129846, Port out = 589382}

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 461 PB in the month of September, 2022

j. Number of online transactions on portal has increased from 27,82,427 (April-2019), 36,53,078 (April-2020) and maintained at 37,76,268 in the month of September, 2022.

k. For upgrading of Old legacy wireline exchange, out of planned 4.76 M capacity NGN Port migration, 0.0127 M capacity is migrated in September, 2022 (cumulative 4.073 M migrated).

l. The data traffic from Wi-Fi has increased from 492.31 TB (Apr-2021) and 537.15 TB (Apr-2022) to 684.96 TB for September 2022.

2. TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED (TCIL)

- Provisional Operating Turnover upto August, 2022 for the Financial Year 2022-23 is **Rs. 721.90 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. 52.88 Crores** from foreign & inland clients in the month of September, 2022.

3. INDIAN TELEPHONE INDUSTRY (ITI):

The performance of the Company in the month of September 2022 is ₹ 154.22 Crores (provisional). The turnover is mainly constituted from SMPS, Mini PC, OFC, HDPE, Smart Cards, IT Products, 3D Printing, Solar Panel, LED Street light, telephones, Contract manufacturing, Mini PDO, Banking products, GPoN Equipment, Execution of ASCON Ph-IV, TANFINET, NFS, 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, Skill development, Show room sales, 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 03.10.2022 is as follows:

Optical Fiber Cable laid	:	5,96,537 KMs
GPs connected by Optical Fibre Cable (OFC)	:	1,89,401 GPs
Total GPs Service Ready (OFC + Satellite)	:	1,80,422 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 1,04,662 GPs and 99,734 FTTH connection are installed by BSNL, CSC-SPV & others ISPs. Overall data usage on BharatNet is about 1794 TB for the month of August, 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.

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D.   TELECOM SECTOR KPIs:

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

Total no. of wireline telephones	25.92 million
Total no. of wireline telephones	1149.02 million
Total no. of telephone connections	1174.94 million
Overall tele-density	85.14 %

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