

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

Sanchar Bhavan, 20, Ashoka Road,
New Delhi-110001
Dated : 22-02-2023

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

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

Hindi version will follow.

Encl.: As above

(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 Bhawan, New Delhi.
11. Policy-I Section w.r.t. their letter No. 6/6/2008-Policy-I dated 14.11.2008

(Kuldeep Kumar)
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ANNEXURE**MONTHLY SUMMARY FOR THE CABINET ON IMPORTANT EVENTS OF THE
DEPARTMENT OF TELECOMMUNICATIONS FOR THE MONTH OF
JANUARY, 2023****A. Important events in DoT HQ for the Month of January, 2023:****1. Notification of Indian Telegraph (Infrastructure Safety) Rules, 2022**

To address the issues of safety of the existing telecom infrastructure the Indian Telegraph (Infrastructure Safety) Rules, 2022 have been formulated and published in the Gazette of India on 03.01.2023. These Rules detail the procedure for exercising of legal right to dig or excavate any property and are expected to minimise damage to the existing telegraph infrastructure established on the public/private property due to unplanned and uninformed digging and allied activities by various agencies.

2. Engagement with Institute of Electrical and Electronics Engineers (IEEE) Team:

IEEE is a Global Standards Body in telecommunications and electronics. To increase the India's participation and contribution in the IEEE Standardization activities, a meeting was organized with IEEE Indian Team on 24.01.2023. Several Wings/bodies participated and key areas of outreach were identified that could showcase and augment Indian participation at various IEEE forums. A plan of action has been formulated and will be implemented in collaboration with TSDSI, Higher Education Institutions, Industry, etc.

3. Inter-Ministerial Committee (IMC) on Quantum Communication Technologies:

The draft report on Roadmap for Quantum Communication Technologies, was presented to Hon'ble Minister of Communications on 10.01.2023 by the Task force members of IMC-QC. Challenges and recommendations on building synergies across institutions, Identification of Use cases & applications, facilitation of IPR creation in India, participation in Standards development activities at global level and Policy measures to enable pilots & production and deployment were extensively discussed. It is envisaged to develop Pilot Projects with Railways, NICs etc. for securing critical network and for establishing an Indigenous Quantum Testbed at Academic Institutes with participation from Industry members.

4. International Relations:**A. Meeting between Hon'ble Minister of Communications and Director General, GSMA:**

A bilateral meeting between Hon'ble Minister of Communications, Mr. Ashwini Vaishnaw and Director General, GSMA, Mr. Mats Granryd was held on 30th January, 2023 at Rail Bhawan to garner support of DoT for World Radio Communications 2023 (WRC-2023), discuss policy levers to support the rollout of telecom infrastructure like reduction or suspension in USOF levy and implementation of globally accepted ICNIRP (EMF) limits in India, GSMA's participation in G20 activities and requesting Indian participation in Mobile World Congress Barcelona 2023.

B. Bilateral Meeting with US:

A meeting among DoT, the Department of Commerce and the Director General of the U.S. and Foreign Commercial Service (Mr. Venkatraman) was held on 18th January, 2023 to discuss the ways of supporting and increasing digital connectivity including the regulations, the deployment of technologies to support connectivity, and broadband services.

C. Bilateral Meeting with Arab Republic of Egypt

A bilateral meeting was held between Hon'ble Minister of Communications Mr. Ashwini Vaishnaw and Dr. Amr Samih Talaat, Egypt's Minister of Communications and Information Technology on 10.01.2023. Production Linked Incentive (PLI) Scheme to promote Telecom and Networking Products manufacturing in India within overall financial outlay of Rs. 12,195 Crore over 5 years and the Design Linked Incentive (DLI) Scheme for Design-Led Manufacturing with additional incentive rate of 1% over and above existing incentive rates was discussed. Companies of Egypt were invited to take advantage of the scheme.

D. US-India NSA level dialogue under Initiative on Critical and Emerging Technologies:

Secretary Telecom was part of the delegation led by Shri Ajit Doval NSA for meeting on 31.1.2023 with Mr Jake Sullivan, NSA, US in the White House campus. Secretary Telecom also had a discussion with Dy NSA Ms Anne Neuberger on collaboration on 5G/6G/Open RAN. An action plan on 5G/6G and Open RAN cooperation is being formulated and being shared with the US side through the office of NSA India. Secretary Telecom also participated in USIBC Industry meeting on 30.1.2023 where the US Commerce Secretary Ms Raimondo and the two NSAs were present.

5. Telecom Engineering Centre (TEC):

TEC has submitted six contributions in the ongoing ITU-T SG-20 meeting, Geneva, 30 Jan- 10 Feb 2023. These contributions are on IoT/ ICT requirements for smart services in rural communities, Requirements for IIoT infrastructure, Smart Education, Smart Agriculture use cases, Proposal for creating Regional SG-20 for Asia and Oceania region and New work item on Digital learning in remote campuses.

6. PLI Scheme:

The PLI scheme for Telecom and Networking Products is effective from 1st April 2021. The summary of the cumulative investment, sales and employment as on 31.12.2022 is as follows:

- **Cumulative Investment:** Rs. 1064 Cr.
- **Cumulative Sales:** Rs. 11,771 Cr.
- **Employment:** 10,896 Nos.
- **Exports:** 5,475 Cr.

7. Status of PM-WANI Scheme:

- a. Number of WiFi Hotspots under PM WANI added in December- 7398
- b. Total number of WiFi Hotspots under PM WANI as on 31.01.2023- 144316

8. 5G Rollout:

- a. 73,819 towers have been 5G enabled in 280 districts of 22 states as on 4.2.2022
- b. Working Committee for 5G Use cases formed in 25 states for 5G rollout.
- c. Capacity building Conference for 5G use cases - Held in 2 States (Mizoram & Madhya Pradesh) in January 2023. Total 5G conference held in 9 States/UTs till date.

9. PM Gati Shakti NMP

- a. Mapping - OFC Network of approx 10.94 Lakh Route Km of PSUs (BSNL, BBNL, RAILTEL, GAIL) mapped. State PSUs OFC collected from Telangana and mapped.
- b. Latest data of 7.4 lakh mobile towers & 23.5 lakh BTS as in Dec'22 mapped.
- c. Latest data of Dec'22 of nearly 1.37 lakh PM-WANI Wi-Fi hotspots collected and mapped.
- d. Following is the progress on NBM targets of Fiberization:

OFC laid	35,50,481 kms on 30-09-2022	36,30,088 kms on 31-12-2022
% of BTS fiberized	35.98% on 30-09-2022	37.08% on 31-12-2022
No. of mobile towers	7,40,547 on 31-12-2022	7,46,553 on 31-01-2023

- e. State NMP platform layers of 34 states integrated with DoT NMP platform. Each of these state integration has brought in multiple layers like land revenue records, street furniture etc. which will facilitate telecom projects in general & 5G rollout in particular. These layers are updated regularly.
- f. Data validation module developed by BISAG & undergoing UAT by DoT. More modifications are underway as per latest SoP issued by DPIIT.
- g. Mega saturation project to find uncovered habitations in the country is being executed by TCIL with the help of DoT-NMP platform.
- h. As per request from DPIIT, Kalinganagar, planned industrial and modern town in Jajpur district of coastal Odisha, analyzed for any gaps in telecom infrastructure & the vision of telecom service providers in next 20-25 years from GatiShakti Area approach and inputs sent to DPIIT.

10. Call Before u Dig (CBuD)

- a. Total 1070 user created in January-2023 as asset owner out of 3701.
- b. 205 enquiries raised during January-2023 by excavation agency.
- c. CBuD App enabled for iOS devices.
- d. Reviewed of Configuration of asset owner users in CBuD App with DoT LSA held on 19.01.2023.
- e. The progress of user creation in states with CS to all states/ UTs was reviewed on 20-Jan-2023.
- f. DO sent to the Chairman, Railway Board and to the Secretary, MoPNG on 20-January-2023 to mandate their all excavation agencies to use CBuD App prior to any excavation activity.
- g. CBuD IN SMS header registered with TRAI
- h. Additional features like enquiry status view, state wise excavator details, etc. developed and released.

11. National Broadband Mission: - 362 Right-Of-Way (RoW) applications (Tower-261, OFC-101) approved in the Month of Jan-2023. Cumulative 31,982 approvals since launch.

12. Social media activities undertaken during January, 2023 are:

Twitter:
<ul style="list-style-type: none"> • Total No. of Tweets: 2118

- Total Replies: 2050
- Earned- Re-tweets & Likes: 28350 & 671
- Earned Impressions: 128.3 K
- People Visits: 4612
- New Followers: 407
- Total Followers: 184.6 K

Facebook:

- Total No. of Posts: 1
- Earned Shares: 2
- Page Likes (New): 469
- Reach: 3783
- Post Engagements: 247
- Video Views: 221
- New Followers: 401
- Total Followers: 35247

YouTube:

- Total No. of Video Posts: 0
- Video Views: 1684
- Watch Time (Hrs): 44.9 Hours
- New Subscribers: 40
- Total Subscribers: 1,520

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

- a. Gross SIM sale for the month: 12,53,879.
- b. Gross Bharat Fiber (FTTH) Achievement: 1,34,985 connections.
- c. 1,37,412 rural FTTH connections have been provided on BharatNet infra under special pilot project through BharatNet Udyami as on 31.01.2023
- d. Gross new leased Circuits: 2803 and upgradation: 4445. Total provisioning including upgradation: 7248.
- e. Gross Bharat Air Fiber Achievement (Data): 1,719.
- f. Gross Landline Achievement: 10,161 connections.
- g. Gross ADSL Broadband Achievement: 1,609 connections.
- h. 100 Gbps of Caching links have been added (cumulatively 1140 Gbps links in current FY 2022-23) making the cumulative capacity of 4040 Gbps Caching and 2854.05 Gbps Peering link capacity.
- i. MNP Ratio (Po/Pi): 4.71 {Port In = 110318, Port out = 519218}
- j. 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 524 PB in the month of January, 2023
- k. Number of online transactions on portal has increased from 27,82,427 (April-2019) & 36,53,078 (April-2020) and maintained at 38,71,899 (April 2021) & 37,45,974 (April-2022) and maintained at 37,78,350 in the month of January, 2023.
- l. The data traffic from Wi-Fi has increased from 492.31 TB (April-2021) and 537.15

TB(April-2022) to 630.79 TB for January, 2023.

- m. In order to promote FTTH services, following initiatives have been taken:
- Introduction of bundled WiFi ONT with 6/12 months committed charges under selected PAN India Bharat Fibre Broadband plans in all circles.
 - Introduction of new Bharat Fibre Broadband plan Fibre Basic plus OTT bundled with the subscription of Disney+Hotstar super plan in all circles (except A&N circle).
 - Allowed collection of plan security deposit of Rs. 500/- in 5 (five) instalments across selected Bharat Fibre Broadband plans for rural connections in all telecom circles.
 - Offering half yearly committed charges of Rs. 1999/- for rural Bharat Fiber Broadband plan 'Home Wi-Fi/Ghar Ka Wi-Fi on promotional basis for a period of 90 days in all circles.
 - Enhancement of FUP limit under Bharat Fibre Broadband plan 'Fibre Value Plus' @ Rs. 849/-in all telecom circles (except A&N).
 - Allowed Bharat Fibre plans having monthly charges below Rs. 799/- to Govt. Category connection for conversion from LL/BB copper to FTTH.
 - Add-on pack @Rs.249/- introduced to offer OTT/TV services.

2. TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED (TCIL)

- Provisional Turnover upto December, 2022 for the Financial Year 2022-23 is **Rs. 1396.08 Crores** against Rs. 1041.6 Crores for Financial Year 2021-22 in the comparing period.
- TCIL have secured orders for a total of approximately **Rs. 503 Crores** from foreign & inland clients in the month of January, 2023.

3. INDIAN TELEPHONE INDUSTRY (ITI):

The performance of the Company in the month of January 2023 is ₹44.72 Crores (provisional). The turnover is mainly constituted from supply of Laptops, OFC, HDPE, 3D Printing, Contract manufacturing, Water Pipes, Banking products, Smart Cards, HHT for TESD, AC-DC Cables, telephones, Mini PDO, ONT 11/23, BTS, AMC for MLLN, NGN equipment, Defence equipment, C-DoT ANRAX Cards, NFS, Business form Data Centre, Services from Test labs, Reliability lab, Start-up Hub, E-Seva, VSSC Business, SaaS, show room sales, skill development, 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 30.01.2023 is as follows:

Optical Fiber Cable laid	: 6,13,868 KMs
GPs connected by Optical Fibre Cable (OFC)	: 1,94,514 (GPs)
Total GPs Service Ready (OFC + Satellite)	: 1,87,857 (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 December, 2022 are as under-

Total no. of Wireline Connections	27.41 Million
Total no. of Wireless Connections	1142.88 Million
Total no. of Connections	1170.29 Million
Tele-density	84.55 %
