

No. 18-3/2024-O&M
Government of India
Ministry of Communications
Department of Telecommunications

Sanchar Bhawan, 20, Ashoka Road,
New Delhi-110001
Dated: 30.01.2025

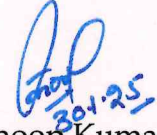
Subject:- Monthly Summary for the Cabinet on important events of the Department of Telecommunications for the month of December, 2024.

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 December, 2024 for information.

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

Hindi version will follow.

Encl.:- As above



(Anoop Kumar)

Under Secretary to the Govt. of India
Tel.: 011-2303 6213

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 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.

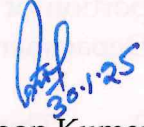
8. Copy to:-

- 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)/ 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 Govt. of India

Tel.: 011-2303 6213

**MONTHLY SUMMARY FOR THE CABINET ON IMPORTANT EVENTS OF
THE DEPARTMENT OF TELECOMMUNICATIONS FOR THE MONTH OF
DECEMBER, 2024**

A. Important events in DoT for the Month of December, 2024:

1. Gazette Notification of Telecommunications (Procedures and Safeguards for lawful Interception of Messages) Rules 2024 under the Telecommunications Act, 2023

After carrying out public consultation on the draft rules published in August 2024, the final Telecommunications (Procedures and Safeguards for lawful Interception of Messages) Rules, 2024 were notified in the Official Gazette on 06.12.2024.

2. The Digital Communications Commission approved *inter alia* two Detailed Project Reports (DPR) of significance to the Department. The first is for procurement of an Automated Spectrum Management System (ASMS) software by the Wireless Planning and Coordination (WPC) Wing at a total project cost of ₹ 334.47 crores. This will enable significant enhancement in capability in technical analysis and monitoring of spectrum. The second is for a centralized SATCOM Monitoring Facility (SMF) Project at a cost of Rs. 930.53 crores for ensuring interference-free operations for all SATCOM services provided by Indian as well as foreign satellites.

3. The Group of Ministers (GoM) has approved the proposal of DoT for grant of relaxation/exemptions from paying UEI, Composition Fee and Ground Rent to DDA/L&DO allotted properties at Delhi. This will facilitate the efforts at monetization of MTNL/BSNL assets valued at about Rs 16,000 Cr.

4. Status of PM WANI Scheme:

- Total number of Wi-Fi Hotspots under PM WANI added in December - 48
- PM Wani Hotspots as on 31.12.2024 - 2,47,076

5. Progress on NBM targets of Fiberization:

OFC laid [Target 50 lakh km]	41,26,709 km as of 30.06.2024	41,91,060 km as of 30.09.2024
% of BTS Fiberized (Target 70%)	44.65% as of 30.06.2024	45.33% as of 30.09.2024
No. of mobile Towers (Target 15 Lakh)	8,13,978 as of 28.11.2024	8,16,887 as of 31.12.2024

6. Telecommunication Engineering Centre (TEC) undertook following initiatives during the month:

- i. TEC released a new standard for generic requirements on "Combo-PON OLT Access Equipment, TEC 71140:2024" based on the specific requirement from Industries and TSPs/ISPs for enabling coexistence of GPON and XGS PON ONTs as well as supporting GPON, XGS PON and xDSL technologies on same

OLT (Optical Line Terminal) and ODN (Optical Distribution Network) without any insertion loss and change in OLT equipment. This document describes the generic requirements and deployment configurations for Combo-PON (CPON) OLT systems having Layer 2 capabilities

- ii. TEC released revised test guide TEC 66111:2024 for standard for generic requirements (GR) on "SMPS based power plant, TEC 66110:2024". This test guide enumerates detailed test schedule and procedure for evaluating conformance / functionality / requirements / performance of SMPS based power plants.
- iii. As a part of outreach program under the aegis of 'Advances in Optical Communications' (AOC) testbed project funded by D/o Telecommunications, TEC participated in a panel discussion on 'Advances in Optical Communication' at IIT Guwahati on 17th December 2024. Experts from IIT-Madras, IIIT-DELHI, CDOT and M/s Tejas were other panel members. This event promoted an intense dialogue between academic and industry to bridge the gap between academic research, industry initiatives, and governmental policies through panel discussions, keynotes, invited talks, and industry exhibits. Event was attended by students, academia, industry experts and international delegates.
- iv. TEC is preparing a technical report on the following to safeguard the communication infrastructure from unforeseen cryptographic threats due to the advancement in quantum computers
 - a. "Migration to Post Quantum Cryptography" and
 - b. "Quantum secure 5G/Beyond 5G core using PQC".The reports are being prepared in collaboration with the stakeholders from industry/start-ups, academia, R&D organizations, etc.

7. Achievements of National Communications Academy (NCA-T), Ghaziabad Campus are given at [Annexure-A](#).

8. Social media activities undertaken during December, 2024 are listed at [Annexure-B](#).

B. PERFORMANCE OF PSUs OF DOT

1. BHARAT SANCHAR NIGAM LTD. (BSNL)

- a. Gross SIM sale for the month: 12,64,358.
- b. Gross Bharat Fibre (FTTH) Achievement: 86,748 Nos. in the month of December, 2024.
- c. A total of 8,75,742 Rural FTTH connections have been provided on BharatNet Infra under special project through BharatNet Udyami upto December, 2024.
- d. Gross Leased Circuits including upgradation is 3011 nos. (Gross provision is 2042 and Upgradation is 969) in the month of December, 2024.
- e. a) Platinum EB sales: Rs 586.08 Crs.
b) Gold EB sales: Rs 489.6 Crs.
- f. Gross Bharat Air Fibre Achievement (Data): 286 in December, 2024.
- g. Gross Copper Landline Achievement: 1230 connections, Copper Broadband is 121 in December, 2024.

- h. 70 GB of Caching and 130 GB peering links have been added (cumulatively 3230 GB links in current FY 2024-25) making the cumulative capacity of 8050 GB Caching and 4484.05 GB Peering link capacity.
- i. The data traffic from the wire line broadband has increased from 118 PB (April-2019), 155 PB (April-2020), 279 PB (April-2021), 393 PB (April-2022), 556 PB (April-2023), 701 PB (April-2024) to 671 PB in the month of December, 2024.
- j. No. 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), 38,62,674 (Apr-2023) and now maintained around same level , ie 36,87,787 (Apr-2024) to, 35,30,062 in the month of December, 2024, despite shifting of transactions to whatsapp and mobile App.
- k. MNP Ratio (Po/Pi): 2.42 {Port In= 3,63,656, Port out= 8,79,201}.
- l. 9562 4G sites installed and 8722 4G sites commissioned in the month of December, 2024.

2. TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED (TCIL)

- The Turnover in the month of Nov'24 was Rs. 156.07 Cr from TCIL's Inland and foreign projects (Operations). The provisional unaudited Turnover (revenue) figures up to Nov 2024 for the Financial Year 2024-25 is Rs. 1555.45 Cr (Foreign Rs. 183.11 Cr + Domestic Rs. 1321.30 Cr + Other Income Rs. 51.03 Cr) and the Profit before tax (PBT) is Rs 82.27 Cr . The same figures for upto Nov 2023 for FY 2023-24 was Rs. 1316.62 Cr.
- TCIL has secured orders for a total of Rs. 460.49 Cr from foreign & inland clients in the month of Dec 2024. Total Order Booking up to December 2024 in FY 2024-25 is Rs. 1819.49 Cr (Foreign Rs.360.66 Cr + Domestic Rs.1458.83 Cr).

3. INDIAN TELEPHONE INDUSTRY (ITI)

The performance of the Company in the month of December 2024 is Rs. 458.73 Crore (Provisional). The turnover is mainly constituted from supply of HDPE, OFC, RAN Equipment, Contract manufacturing, Water pipes, Telephones, Mini PC, Laptops, Smart Cards, ODC, ONT, Execution of BSNL 4G, ASCON Ph-IV, Tanfinet, NFS, MahaNet, Airtel NLD rollout, USOF BharatNet and GujNet projects, AMC for Defence, NGN and GPoN Equipment, Business from Data Centre, Services from 3D printing, Test labs, Reliability lab, Start Ups, VSSC Business, TPA, LED Street lights, skill development and business generated by Corporate MSPs etc.

C. BharatNet

a. **Gram Panchayats:** 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, at the end of December, 2024 is as follows:

Optical Fiber Cable laid	: 6,92,578 KMs
GPs connected by Optical Fibre Cable (OFC)	: 2,09,290 (GPs)
Total GPs Service Ready (OFC + Satellite)	: 2,14,322 (GPs)

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. For BharatNet Phase-II (being implemented on OFC/Radio), the respective Implementing Agencies are responsible for the utilisation of the created network.

Further, 12,04,247 FTTH connections have been installed by BSNL & other ISPs using BharatNet. Overall data usage on BharatNet is about 1,31,433 (TB) for the month of November, 2024.

b. Extension of BharatNet connectivity upto villages: The Union Cabinet approved the Amended BharatNet Program on 04.08.2023 so as to expand the scope with focus on utilization of the services, using professional agencies for construction, upgradation and maintaining the BharatNet network.

Salient features of Amended BharatNet Program are as follows:

- BSNL has been made the overall Project Management Agency (PMA).
- The network from Blocks to Gram Panchayats (around 2.64 lakh) will be maintained by Professional Agencies selected through bidding process. The contract Period will be for 10 years (including 3 years for construction)
- Remaining 3.8 Lakh villages are to be constructed on demand basis.
- There is a target to provide 1.5 crores home fibre connections across rural households/ institutions/ enterprises over a period of five (5) year through BharatNet Udyami model.

The RFP for selection of PIAs for 16 packages for implementation of Amended BharatNet Program has been floated by BSNL on 15.02.2024 and various Amendments / Clarifications have been issued by BSNL. The tender/RFP has been opened on 07.08.2024 and bids are being evaluated by BSNL. As per Cabinet approval, the RFP is to be finalized within five months of Cabinet approval, signing of Master Service Agreement (MSA) within one month of award of work and completion of construction work of project within 36 months from signing of MSA.

D. TELECOM SECTOR KPIs

The details regarding number of telephones and tele-density in the country as at the end of November, 2024 are as under-

Total no. of Wireline Connections	38.23 Million
Total no. of Wireless Connections	1149.50 Million
Total no. of Connections	1187.73 Million
Tele-density	84.36 %

Achievements of NCA-T, Ghaziabad campus (erstwhile NTIPRIT)

1. **Training man-days/Manpower trained:**
 - Training Man-Days achieved during the month- 1806
 - Manpower trained during the month- 86
2. **Policy Research Works:**
 - A Policy Document/ Report on 'Broadband For All' prepared by CBBPiR under NCA-T Ghaziabad, was released on 4 December, 2024.
 - The five years policy of DoT (named, SancharDigitalBharat@2030), after extensive consultations with all stakeholders, study of the Best Practices and due brain-storming within NCA has been prepared and the Draft Policy -SancharDigitalBharat@2030 has been submitted to DoT HQ on 31.12.2024.
3. **Meeting on ORAN and setting up an ORAN Academy at NCA-T, Ghaziabad:**
 - A meeting with representatives of United States Agency for International Development (USAID), Asia Open RAN Academy (AORA), Bharat 6G Alliance and NCA-T Ghaziabad for opening a Bharat Open RAN Academy, for content development and for delivery of Capacity Building programs related to Open Radio Access Networks and applications in India and neighboring countries, was held on 11 December. A MoU with USAID and AORA has been proposed.

Social Media Activities Undertaken during December, 2024

<p><u>Twitter:</u></p> <ul style="list-style-type: none">• Total No. of Tweets: 75 (original), 10 (repost)• Total Replies: 1K• Earned- Re-tweets & Likes: 3.2K & 12.4K• Earned Impressions: 509.1K• New Followers: 900• Total Followers: 218.3K
<p><u>Facebook:</u></p> <ul style="list-style-type: none">• Total No. of Posts: 63• Earned Shares: 308• Likes : 5.3K• Reach: 218.3K• New Followers: 550• Total Followers: 59.1K
<p><u>YouTube:</u></p> <ul style="list-style-type: none">• Total No. of Video Posts: 29• Video Views: 440.2K• Watch Time: 1.9K Hours• New Subscribers: 983• Total Subscribers: 10.4K
<p><u>Instagram:</u></p> <ul style="list-style-type: none">• Total No. of Posts: 16• Earned Impressions: 11.1M• Likes: 718.9K• New Followers: 12.1K• Total Followers: 38K
