

No. 18-4/2021-O&M
Government of India
Ministry of Communications
Department of Telecommunications

Sanchar Bhavan,
20, Ashoka Road, New Delhi-110001
Dated the 2nd November, 2021

Subject:- Monthly Summary for the Cabinet on important events of the Department of Telecommunications for the month of September 2021.

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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, 2021 for information.

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

Hindi version will follow.

Pravin
2/11/2021

(Pravin Kumar Pandey)

Under Secretary to the Government of India

Tele. No. 23036073

Encl:-as above

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, RashtrapatiBhawan, New Delhi.
7. copy 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)/WA, WPC

9. Shri SN Choudhary, Director, PIB, Room No. 104, A Wing, ShastriBhavan , New Delhi-110001.

10. Director General (Media & Communications), Ministry of Information & Broadcasting, ShastriBhawan, New Delhi.

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


2/11/2021

(Pravin Kumar Pandey)

Under Secretary to the Government of India

Tele. No. 23036073

**MONTHLY SUMMARY FOR THE CABINET ON IMPORTANT EVENTS OF THE DEPARTMENT
OF TELECOMMUNICATIONS FOR THE MONTH OF SEPTEMBER, 2021**

A. Important events in DoT HQ:

1. To assess the progress of 5G Technology trials and status of integration of indigenous solution & products, separate review meetings were organized with each of the three private TSPs. TSPs have made significant progress in deploying 5G trial network and demonstrated some of the indigenous use-cases, including those generated by the Department's hackathon exercise. They have also signed NDAs (Non-Disclosure Agreements) with some of the indigenous 5G technology members for moving ahead for use-case trials. This augurs well for Start-ups/SMEs/Academia and will strengthen the 5G Ecosystem in India.
2. The Unified License and Commercial VSAT CUG license regime have been liberalized by permitting:
 - (i) Backhaul connectivity through satellite using VSAT to access Service providers for Cellular mobile services and Wi-Fi hotspots.
 - (ii) Sharing of VSAT hub for both commercial VSAT CUG service and NLD Service.
 - (iii) Sharing of active and passive infrastructure under any service authorization for providing other authorized services to the same licensee.
 - (iv) Sharing of gateway hub for HTS satellites, managed and operated by satellite provider itself, with the satellite bandwidth seeker.
3. International collaborating/events:
 - (i) The India-US 5G Network Security Seminar was held virtually on September 15-16, 2021. From India, NSCS, MEA, DoT and TRAI participated.
 - (ii) The India-Japan Intergovernmental Consultation and Public-Private workshop in the field of 5G was held virtually on September 29-30, 2021. From India, MEA, MeitY, NSCS, DoT, Airtel, Reliance Jio, ITI Ltd, Sterlite Technologies, COAI, DIPA, IISC, IIT Madras and IIT Hyderabad participated.
4. Telecom Engineering Centre (TEC), an attached office of this Department, completed evaluation of 81 products for determination of trusted sources till 30.09.21 on Trusted Telecom Portal. This is in accordance with mandate under the National Security Directive for procurement of Telecommunication Equipment.

B. PERFORMANCE OF PSUs OF DOT

1. BHARAT SANCHAR NIGAM LTD. (BSNL)

- (i) Gross SIM sale for the month: 11,69,756
- (ii) Gross Bharat Fiber (FTTH) Achievement (Data): 1,07,765 connections.
- (iii) Gross Bharat Air Fiber Achievement (Data): 2,038

- (iv) Gross Landline Achievement: 23,668 connections.
- (v) Gross ADSL Broadband Achievement: 7,763 connections
- (vi) 150 GB of Caching and 30 GB of peering links have been added (cumulatively 1050 GB links in current FY 2021-22) making the cumulative capacity of 2600Gbps Caching and 2327.05 GB Peering link capacity.
- (vii) 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 347.26 PB in the month of September, 2021.
- (viii) For upgrading of old legacy wireline exchange, out of planned 4.76 M capacity NGN port migration, 0.0012 M capacity is migrated in the month of September, 2021 (cumulative 3.875M migrated).

2. TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED (TCIL)

Major Highlights:

- Provisional Operating Turnover upto August, 2021, for the Financial Year 2021-22 is Rs. 579.19 crores against Rs. 484.85 crores for the Financial Year 2020-21 in the comparative period.
- TCIL have secured orders for a total of approximately Rs.65.70 Crores from foreign & inland clients in the month of September, 2021.

3. **INDIAN TELEPHONE INDUSTRY (ITI):** The performance of the Company in the month of September, 2021 is Rs. 249.29 crore (provisional). The cumulative performance for the FY 2021-22 is Rs. 637.72 crore. The turnover is mainly constituted from execution of NFS project, DCN BEU, Defence AMC, SMPS, Solar Panel manufacturing, Solar Street lights, Mini PC, WiFi Hotspots, Airtel FTTH Rollout, ASCON PH-IV, HDPE Manufacturing, OFC manufacturing, AMC for ASCON, Defence Equipment, NGN equipment, GSM-SZ, OCB, GujNet, 3D Printing, MLLN, Business from Data Centre, upgradation of Data Centre for Indian Air Force, Test labs, Reliability lab, Start-up Hub, VSSC Business, SaaS, Third Party Audit Services (TPA) for implementation of BharatNet phase-II project in the States of Odisha and Jharkhand and various other states, business generated by Corporate, MSP, etc.

- A. **BharatNet:** 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 27.09.2021 is as follows:

Optical Fiber Cable laid	:	5,46,592 KMs
GPs connected by Optical Fibre Cable (OFC)	:	1,73,249 (GPs)
Total GPs Service Ready (OFC + Satellite)	:	1,63,768 (GPs)

As part of this flagship project, the Last Mile connectivity, through Wi-Fi or any other suitable broadband technology to access broadband /internet services is to be provided at all the GPs in the country. Wi-Fi hotspots have been installed at 1,04,218 GPs and out of them, services are being

provided at 64,905GPs, catering to more than 16,17,579 subscribers with a data usage, about 5670.52 TB per month.

Extension of BharatNet connectivity upto villages: 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 is August, 2023. 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) has been floated on 20.07.2021 through global bidding for selection of the Private Sector Partner(s) and two pre-bid meetings have been held.

C. TOTAL No.OF TELEPHONES & TELEDENSITY

The details regarding number of telephones and tele-density in the country at the end of August, 2021 is as under-

Total no. of wireline telephones	22.86 million
Total no. of wireless telephones	1186.67 million
Total no. of telephone connections	1209.53 million
Overall tele-density	88.44%
