

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 29th June, 2021

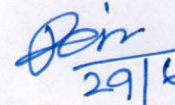
Subject:- Monthly Summary for the Cabinet on important events of the Department of Telecommunications for the month of May 2021.

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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 May, 2021 for information.

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

Hindi version will follow.


29/6/2021

(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, Rashtrapati Bhawan, 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, 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.

Pravin
29/6/2021

(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 MAY, 2021

A. Important events in DoT HQ:

- 1. Permissions to Telecom Service Providers (TSPs) for conducting 5G Trials:** Permissions have been given to TSPs for conducting trials for use and applications of 5G Technology in different locations across India covering rural, semi-urban and urban areas. The 13 applications approved for these 5 G trials include Bharti Airtel Ltd., Reliance Jio Infocomm Ltd., Vodafone Idea Ltd. and MTNL. TSPs are being encouraged to conduct trials using indigenous 5G (5Gi) technology in addition to the already known 5G technology.
- 2. Monitoring and mitigation of disruptions during Cyclones Tauktae & Yaas:** A Control Room was set up at Sanchar Bhawan, New Delhi for monitoring and mitigation of any disruptions in Telecom services on account of Cyclone Tauktae and Cyclone Yaas. The telecom network was extensively used for cyclone warning.

Extensive use of Telecom networks for cyclone warning: On 24th May and 25th May 2021, with the Common Alert Protocol (CAP) of DoT, State Disaster Management Authorities (SDMAs) in West Bengal, Odisha and Andhra Pradesh sent more than 6 crore cyclone alert bulk SMS / messages in local languages to local residents.

In addition for the first time, Voice Alert Messages were also sent to over 60 Lakh subscribers facilitated by DoT with the help of TSPs using Outbound Dialler (OBD) infrastructure in local languages. TSPs undertook this outreach activity free of cost.

- 3. Online Certifications Course on “Network Security” :** A first of its kind online Certification Course on “Network Security” was inaugurated on the occasion of World Telecommunications and Information Society Day on 17.05.2021. This course, launched by National Telecommunications Institutions for Policy Research, Innovation and Training (NTIPRIT), is initially for DoT officers and will later be expanded to cover officials in other Government Departments as well as the Private Sector.
- 4. Publishing of Standards for Interface Requirements for Communication and Broadcast Networks:** Telecommunication Engineering Centre (TEC) of DoT published the Standards for Interface Requirements for Communication and Broadcast Networks for FSS/BSS (Mandatory Technical Requirements) (No. TEC 42012:2021) which covers the technical requirements for satellite based telecommunications and as well as broadcast networks. This standard that revises the 2013 version is in line with the current advancement in technology in this field and will enable the deployment of faster throughput network and add to the Government’s Broadband proliferation initiatives.
- 5. Participate in Digital Communication Innovations Square:** DoT is inviting startups and MSMEs to participate in the Digital Communication Innovations Square (DCIS) challenge to make India a centre for digital communications service.
- 6. COVID-19 monitoring & mitigation:** The Covid-19 Quarantine Alert System (CQAS) continues to be useful in monitoring quarantine cases more than a year after its launch at the end of March,2020. As on 31.05.2021, the total number of target cases covered under CQAS for 18 States / UTs that are so far part of the system was 3274562 including ‘active cases’ as well as cases where quarantine monitoring period has been completed.

B. PERFORMANCE OF PSUs OF DOT

1. BHARAT SANCHAR NIGAM LTD. (BSNL)

- (i) Gross SIM sale for the month: 4,57,011
- (ii) Gross Landline Achievement: 13,442 connections.
- (iii) ADSL Broadband Achievement: 8,045 connections
- (iv) Gross FTTH Broadband Achievement: 94,461 connections
- (v) Gross Bharat Air Fiber Achievement (Data): 1730
- (vi) 100 GB of Caching and 300 GB of peering links have been added (cumulatively 410 GP links in current FY 2021-22) making the cumulative capacity of 2140 Gbps Caching capacity and 2157.05 Gbps Peering link capacity.
- (vii) The data traffic from wire line broadband has increased from 118.2 PB (April-2019), 155 PB (April-2020) and 279 PB (April, 2021) to 324 PB in the month of May, 2021.
- (viii) For upgrading of old legacy wireline exchange, out of planned 4.76 M capacity NGN port migration, 0.0256 M capacity is migrated in the month of May, 2021 (cumulative 3.82 migrated).
- (ix) Gross new leased circuits: 861 and upgradation : 529. Total provisioning including upgradation: 1390.

2. TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED (TCIL)

Major Highlights:

- Provisional Operating Turnover for the month of April,2021 for the Financial Year 2020-21 is Rs. 103.75 crores against Rs. 76.07 crores for the Financial Year 2021-21 in the comparing period.
- TCIL have secured orders for a total of approximately Rs.55.95 Crore from foreign and Inland clients in the month of May, 2021.

3. **INDIAN TELEPHONE INDUSTRY (ITI)**: In the month of May, 2021, M/s ITI Ltd. has achieved a turnover of Rs. 47.23 crore (provisional) The cumulative turnover for the year 2021-22 up to the month of May, 2021 is Rs. 81.75 crore. The turnover is mainly constituted from execution of manufacturing & supply of OFC, HDPE, SMPS, Mini PCs, AMC for ASCON, Defence Equipment, NGN equipment, OCB, MLLN, 9ML SZ GSM, CDOT AN RAX, Business from Data Centre, Third Party Audit Services (TPA) for implementation of BharatNet Phase II project in the States of Odisha and Jharkhand, business form MSPs etc.

Miscellaneous Activities:

- ITI Limited, Palakkad Plant is working with ISRO (VSSC-Trivandrum) for Manufacturing of portable Medical Oxygen Concentrator (called Shwaas). ITI is one of the vendor selected for ToT free of cost.
- ITI Ltd. Palakkad has won the Suraksha Puraskar for Outstanding Safety Performance Award in the category of Large size Engineering Industries instituted by National Safety Council, Kerala Chapter for the year 2020.

4. **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 31st May, 2021 is as follows:

Optical Fiber Cable laid	:	5,21,948 KMs
GPs made service ready (on OFC) (excluding BHQ)	:	1,52,613 (GPs)
GPs provided Satellite connectivity (Service ready)	:	3990 (GPs)
Total GPs Service Ready (OFC + Satellite)	:	1,56,603 (GPs)

For effective operation, maintenance and utilization of the created network of BharatNet project, the work of O&M in all the GPs of Phase-I is being carried out by CSC-SPV. Further, as per Digital Communications Commission (DCC)'s decision in December, 2019, provisioning of 1 Wi-Fi Access Point (AP) and 5 FTTH connections in 5 Government Institutions at GPs has been assigned to CSC e-Governance Services India Ltd, and Rajasthan Government/RISL.

Utilization of the BharatNet network:

Wi-Fi installed	:	In 1,04,298 GPs
Active Wi-Fi	:	In 64,968 GPs
FTTH connections	:	5,04,643
SWAN integration	:	13,755 GPs
Lease out Bandwidth	:	3971 Gbps
Dark Fiber Leasing	:	26,219 KMs

C. TOTAL No. OF TELEPHONES & TELEDENSITY

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

Total no. of wireline telephones	20.36 million
Total no. of wireless telephones	1182.99 million
Total no. of telephone connections	1203.35 million
Overall tele-density	88.26%
