



MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS
OFFICE OF THE DY. DIRECTOR GENERAL (MP LSA) CHHATTISGARH
2nd Floor, C.T.O. Building, Jaistambh Chowk, Raipur- 492001 (C.G.)

[Minutes of 2nd meeting of State Broadband Committee, Chhattisgarh 10-12-2021]

Minutes of 2nd Meeting of State Broadband Committee (SBC) of Chhattisgarh
held on 10.12.2021 at 10.30 am through Video Conferencing in the
Conference Hall of CHiPS office, Civil Lines, Raipur

Following committee members attended the meeting through Video Conferencing:

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| 1. Shri Amitabh Jain, Chief Secretary, Govt. of CG | - Chairman |
| 2. Shri Subrat Sahoo, Additional Chief Secretary, Govt. of CG, IT & Home | - Member |
| 3. Shri Manoj Kumar Pingua, Principal Secretary, Govt. of CG, Forest | - Member |
| 4. Shri Siddhartha Komal Pardeshi, Principal Secretary, Govt. of CG, PWD | - Member |
| 5. Smt Alarmelmangai D, Secretary, Govt. of CG, Urban Administration | - Member |
| 6. CGMT BSNL represented by Shri V.K.Chhablani, PGM (CFA) | - Special Invitee |
| 7. Shri Kishore Ekka, CGM, BBNL | - Special Invitee |
| 8. Shri T.R.Dua, DG, DIPa | - Special Invitee |
| 9. Shri Kshem Kapoor, Deputy Director, COAI | - Special Invitee |
| 10. Shri Ashish Kumar Das, DDG (Rural), DOT | - Member Convener |

Following officers also participated in the meeting-

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|------------------------|-------------------------|
| 1. Shri R.K.Garhwal | - DDG (C), DOT |
| 2. Shri Sameer Vishnoi | - CEO, CHiPS |
| 3. Shri Neeresh Sharma | - Director (Admn), DoT |
| 4. Smt. Madhu Das | - Director (Rural), DoT |
| 5. Shri Amitabh Sharma | - COO, CHiPS |
| 6. Shri R.K.Pateria | - Jt. CEO, CHiPS |

Member Convener requested the Chairman for permission to start the meeting.

Opening Remarks and Welcome address:

The meeting began with a welcome address by Shri R.K. Garhwal, DDG (Compliance), DoT, Chhattisgarh. He apprised the Committee of the progress made since last SBC meeting held on 12th Oct 2020, particularly the notification of Chhattisgarh RoW Policy by the State Govt on 12th March 2021. He thanked to the Chief Secretary, Chairman, SBC for agreeing to hold this meeting. After this, the meeting progressed as per the agenda through a presentation by DDG (Rural), DoT CG.

Agenda Item SBC 02/01: Action taken report on the decisions of 1st meeting of State Broadband Committee (SBC) of Chhattisgarh held on 12.10.2020

After introduction of National Broadband Mission (NBM), its key objectives, implementation structure etc., the Action Taken Report on the minutes of the first Meeting of State Broadband Committee of Chhattisgarh was presented by Member Convenor, which was noted by the committee-

Agenda Points of 1st SBC meeting	Action Taken Report	Decision
Point 1: CG RoW Policy notification	1. Policy notified by CG state Govt on 12th March 2021	Point closed
Point 2 from BBNL: (i) Power availability in GPs, (ii) Forest RoW permission and (iii) Utilisation of BharatNet Phase-II	2. As communicated by CHiPS, (i) CSPDCL agreed to provide New Service connection in 5577 out of 5987 Phase-II GPs, (ii) Forest RoW permission granted in about 80% cases, and (iii) FTTH operator selection is under process and action initiated for functioning of VLEs from GP buildings	Work in Progress
Point 3 from BSNL: Utilisation of WiFi Hotspots created by USOF	3. As communicated by CHiPS, (i) 3158 WiFi hotspots installed by CSC in GP buildings/schools/PHC/Ration shop/Police station/Post Office/Anganwadi etc, (ii) 12773 FTTH subscribers activated in GPs for better utilisation of BharatNet infrastructure, and (iii) Total 1280 TB data usage till date	Point closed
Point 4 from TAIPA and COAI: Doubling of tower installation rates, Notices received by TSPs about settlement fee, Pending NOCs and EB connections for towers	4. The issue covered under Point 1 (under new RoW Policy 2021)	Point closed
Point 5 from DOT: 5-year plan from TSPs reg. tower planning and getting uncovered villages covered by Mobile connectivity	5. As communicated by CHiPS, workshop conducted for TSPs on 10th Aug 2021	Point closed

Agenda Item SBC 02/02: Annual Implementation Plan

SBC decided annual targets of 6 key NBM objectives for 5 years [2019-2024] in line with national targets, reviewed the progress made on each of these parameters in 2 years after the launch of NBM and further deliberated on key objectives of NBM and decided as below-

1. Broadband connectivity to all villages

Target vs achievement	Status as on	Year-1	Year-2	Year-3	Year-4	Year-5
	Dec'19	Dec'20	Dec'21	Dec'22	Dec'23	Dec'24
Target (%)		50	60	100	100	100
Achievement (%)	72	85	89			

- 89% inhabited villages as per Census 2011 are covered by Mobile Broadband/BharatNet. 96% population of Chhattisgarh is covered by 4G.
- However, BharatNet Phase I covering 64 blocks have 4885 GPs and Phase-I has been closed by BBNL at 4112 GPs, thus 773 GPs are left which need to be planned for BharatNet coverage in these blocks.
- Similarly, in BharatNet Phase-II, CHiPS is covering 5987 GPs in 82 blocks but total GPs in these 82 blocks is 6779. Remaining 792 GPs in these 82 blocks need to be planned for execution on priority.
- Strategy must be finalised at the earliest to cover these unplanned **1565 GPs (about 14% of 11664 GPs in CG)** under BharatNet.

BharatNet Phase	No of Blocks	Total no. of GPs	No. of GPs planned	Balance GPs for which strategy to be finalised
Phase-I	64	4885	4112	773
Phase-II	82	6779	5987	792
Total	146	11664	10099	1565

Decision taken:

- BBNL and CHiPS will finalise the strategy for coverage of 1565 unplanned GPs under Phase-I and Phase-II respectively at the earliest.

(Action by: BBNL and CHiPS)

2. Availability of Broadband Speed (Mbps)

Target vs achievement	Status as on	Year-1	Year-2	Year-3	Year-4	Year-5
	Dec'19	Dec'20	Dec'21	Dec'22	Dec'23	Dec'24
Target (Mbps)		4	10	25	30	50
Achievement (Mbps)	Data being collected					

- As 96% population is covered by 4G, the average speed must be upward of 15 Mbps against the target of 10 Mbps by Dec 2021.

Decision taken:

- DOT CG will get in touch with NBM directorate to ascertain the methodology to calculate average BB speed and obtain information from TSPs etc. to determine average BB speed.

(Action by: DOT CG, TSPs)**3. OFC laying**

Target vs achievement	Status as on	Year-1	Year-2	Year-3	Year-4	Year-5
	Dec'19	Dec'20	Dec'21	Dec'22	Dec'23	Dec'24
National Target (Lakh km)	22	24	27	30	40	50
CG Target (km)		69412	78089	86765	115687	144609
CG Achievement (km)	63628	77158	94079			

- CG is well ahead of the target at the end of Year 2 with 94079 km OFC as on 30-09-2021 against the target of 78089 km.

Decision taken:

- CHiPS to expedite the remaining OFC laying (approx 9500 km) under BharatNet Phase-II by Mar 2021.

(Action by: CHiPS)**4. Installation of towers**

Target vs achievement	Status as on	Year-1	Year-2	Year-3	Year-4	Year-5
	Dec'19	Dec'20	Dec'21	Dec'22	Dec'23	Dec'24
National Target (Lakh)	5.65	7	8	10	12	15
CG Target		14963	17101	21383	25660	32075
CG Achievement	11340	12494	13910			

- In Chhattisgarh, 13910 towers are installed against the NBM target of 17101 by Dec'21. As per NBM objective, tower density at the end of 5 years should be 1 per thousand population. It was discussed that with the help of some policy intervention, the target of tower density can be achieved.

Decision taken:

- Alignment of CG RoW policy 2021 with GoI RoW Rules 2016 in terms of following parameters for towers will facilitate in achieving the target-
 - one-time permission fee,
 - deemed approval, and
 - single window mechanism with online portal

Since CG RoW policy is approved by CG cabinet, any modification therein can be done only after obtaining fresh cabinet approval.

- Review of pending NOC of towers and quick disposal of cases will help in achievement of target of installation of towers. ACS (IT) asked COAI and DIPA to submit the district-wise list of pending NOCs. He further instructed CHiPS to prepare a letter to all DCs for convening of regular meeting of District Level Committees and to decide on all pending NOC cases quickly.

(Action by: COAI, DIPA and CHiPS)

5. Fiberisation of Telecom Towers

Target vs achievement	Status as on	Year-1	Year-2	Year-3	Year-4	Year-5
	Dec'19	Dec'20	Dec'21	Dec'22	Dec'23	Dec'24
Target (%)	30	35	45	55	65	70
Achievement (%)	-	30	31			

- 31% of total telecom towers in CG are on OFC media as against the target of 45% by Dec 2021.

Decision taken:

- DoT Chhattisgarh Unit will pursue with all TSPs, COAI and DIPA to increase the fiberisation of towers.

(Action by: DoT Chhattisgarh Unit, COAI and DIPA)

6. GIS mapping of OFC

Target vs achievement	Status as on	Year-1	Year-2	Year-3	Year-4	Year-5
	Dec'19	Dec'20	Dec'21	Dec'22	Dec'23	Dec'24
Target (%)	-	10	40	60	80	100
Achievement (%)	Data being collected					

- It was informed to the committee that DoT has undertaken a project of mapping of entire fiber network in country on GIS with the help of Bhaskaracharya Institute for Space Applications and Geoinformatics (BISAG-N), Ahmedabad.

Decision taken:

- BBNL has confirmed that out of total 13151 km OFC laid under BharatNet Phase-I, 11537 km OFC is mapped on GIS. CHiPS will confirm OFC Route km mapped on GIS under BharatNet Phase-II. Similar confirmation is needed from BSNL and other TSPs (represented by COAI)

(Action by: CHiPS, BSNL and COAI)

**Agenda Item SBC 02/03: Alignment of CG RoW Policy 2021 with
GoI RoW Rules 2016**

Some key parameters of CG RoW policy 2021 which are not aligned with the National RoW policy 2016 were discussed as these deviations need to be addressed for the growth of telecom infrastructure in the state.

Following points were discussed-

- Permission fee as per CG policy is ranging from Rs1,50,000 to Rs 25,000 against maximum one-time permission fee of Rs10,000 in GoI RoW Rules. This is highest in India. Besides, there are renewal fee, sharing fee, settlement fee etc. whereas there should be only one-time permission fee upto Rs10,000 as per GoI RoW Rules.
- The clause for Deemed approval after 60 days/30 days is not there in CG policy in case of overground telecom infrastructure (towers) whereas it has to be there as per GoI RoW Rules 2016.
- Although provision is there in CG policy about implementation of Single window mechanism and online portal within one year of notification of policy, it is not operational at present.
- MPSEDC under Dept of IT, MP state Govt and DOT are developing an all-India centralised online RoW portal with which all individual online RoW portals of different states are to be integrated before 31st Mar 2022.

Decision taken

- CG RoW Policy 2021 is aligned with GoI RoW Rules 2016 for Underground Telecom Infrastructure (OFC) but not aligned for Overground Telecom Infrastructure (Towers) in terms of (i) one-time permission fee, (ii) deemed approval, and (iii) single window mechanism with online portal. However, since CG RoW policy is approved by CG cabinet, any modification therein can be done only after obtaining fresh cabinet approval.
- The 5G roll-out is expected to begin in the second half of Year 2022 and therein a large number of towers are likely to be installed due to the small cell size. In view of this, the alignment of CG RoW policy for towers with GoI RoW rules in terms of these 3 key parameters will provide a huge boost to the growth of telecom infrastructure in the state.
- CHiPS will ensure the development of CG online RoW portal by 31-12-2021 and its integration with centralised online portal being developed by MPSEDC and DOT latest by 31-01-2022.

(Action by: CHiPS and Department of E&IT, CG Govt.)



Agenda Item SBC 02/04: Proliferation of PM-WANI

- There are 1561 Wi-Fi Access Points, 3 PDOs, 3 PDOAs and 1 App provider functioning under PM-WANI in CG. For its proliferation in urban as well as rural area, support is required from State Govt. The roll out at New Delhi Municipal Corporation (NDMC) in New Delhi was also discussed in the meeting.

Decision taken

- CHiPS will call a meeting of registered PDOAs/PDOs in CG in coordination with DOT and get their feedback based on which further action will be taken by IT Dept, CG State Govt for its proliferation.

(Action by: CHiPS, DOT CG unit and Department of E&IT, CG Govt)

Agenda Item SBC 02/05: Any other issue with the permission of Chair

1. Points presented by DIPA

- Pending NOC of towers: NOC of 115 towers is pending of which 100 are more than 6 months old. Maximum pendency is of Indus tower (101 nos.)
- Single window mechanism will be helpful in early approval of applications
- Alignment of CG RoW policy for overground infra with National RoW policy

Decision taken

- ACS (IT) asked DIPA to submit the district-wise list of pending NOCs. He further instructed CHiPS to prepare a letter to all DCs for convening of regular meeting of District Level Committees and to decide on all pending NOC cases quickly.

(Action by: DIPA, CHiPS)

2. Points presented by COAI

- Pending NOC of towers: NOC of tower and OFC laying permission is taking 5-6 weeks and about 60 km OFC laying permission is pending
- Pending OFC RoW permission in forest area
- Alignment of CG RoW policy for overground infra with National RoW policy
- Use of street furniture for 5G towers and for laying aerial OFC
- Local bodies not allowing tower installation for fear of EMF radiation
- Safety and security of telecom infrastructure

Decision taken

- ACS (IT) requested Principal Secretary, Forest to look into OFC permission cases in flank area of roads where permission was already taken by road construction department and if OFC is to be laid within permissible distance from centre of road and further cutting of trees is not required, in that case permission can be granted by Forest department for OFC laying in flank area very expeditiously.

(Action by: Department of Forest, CG State Govt)

3. Points presented by BSNL

- Theft of battery etc. at mobile sites
- Pending RoW permissions
- Steps being taken by BSNL for proliferation of PM-WANI

4. Points presented by BBNL

- Progress of BharatNet under Phase-I and Phase-II
- Utilisation of BharatNet

Chairman's address:

In his concluding address, the Chairman of SBC, Chief Secretary, Govt of CG expressed satisfaction over the fact that in most of the parameters of National Broadband Mission, CG state is meeting the expectations of Govt of India. There are only few issues which need to be sorted out and he instructed the concerned officials to address those issues on priority. He also assured that the pending NOC and permissions for Towers and OFC laying etc. will be decided on priority. The Chief Secretary, CG asked the TSPs to improve the quality of mobile service in Raipur city.

Meeting ended with a Vote of Thanks to the chair.

Issued with the approval of Chairman, State Broadband Committee, Chhattisgarh.

Ashish Kumar Das
15/02/22

(Ashish Kumar Das)

Member Convener

DDG (Rural)

DoT MP LSA, Chhattisgarh, Raipur

No: F-21/DDG/RURAL/NBM/2020-21/21 Dated 15-02-2022

Circulation: All the participants of the meeting