Quarterly Report on Monitoring of ICT Infrastructure and Communication Cable Layout

འབྲུག་བརྡ་དོན་བརྒྱུད་འབྲེལ་དང་བརྡ་བརྒྱུད་དབང་འཛིན།

Bhutan InfoComm and Media Authority

Royal Government of Bhutan

(April - June , 2024)

Table of Content

1. Background..1
2. Reverification of cable layout in Damphu town... 1
3. Reverification of cable layout in Dagapela town and Peripheral areas.................................. 3
4. Reverification of cable layout in Dagana town and peripheral areas...4
5. Monitoring and re-verification of Cable Layout in Bajo Town, Wangdue Phodrang...................6
6. Actions Taken based on the field visit..7
7. Recommendation/ Way Forward...7

Reverification of communication cable layout in Tsirang , Dagana and Wangduephodrang

1. Background

In addition to earlier monitoring of communication cable layout in Tsirang , Dagana and Wangduephodrang region, the team from the Authority has carried out the reverification of communication cable layout to verify whether the licensees have made compliance to the earlier observations and findings on communication cable layout in Tsirang, Dagana and Wangduephdorang region. It was observed that in most areas, the licensees have made compliance.

2. Reverification of cable layout in Damphu town

1. Improved on low hanging ADSS fiber cable of Govetch in Damphu Town

(After) (Before)

Figure 1. The improved cable layout for ADSS fiber cable of GovTech in Damphu Town, Tsirang

2. Improved multiple cable road cross over of BTL and Kuenzang cable in Damphu town, Tsirang

(After) (Before)

Figure 2: Improved multiple cable road cross over of BTL and Kuenzang Cable in Damphu Town, Tsirang is fixed.

3. Improved low cable road cross over of Kuenzang cable in Damphu Town, Tsirang

(After) (Before)

Figure 3: Improved low cable road cross over of Kuenzang cable in Damphu Town

3. Reverification of cable layout in Dagapela town and Peripheral areas

The team monitored the communication cable layout of BTL and NL cable service in Dagapela town and peripheral areas.

The findings are as follows;

1. Improved cable layout of cable road cross over in peripheral area of Dagapela town by BTL and NL cable services

(After) (Before)

(After) (Before)

Figure 4: Improved road cross over in the peripheral area of Dagapela town by BTL and NL Cable

2. Improved communication cable layout with use of common poles for road cross over

(After) (Before)

Figure 5: improve cable road cross with use of common pole sharing

4. Reverification of cable layout in Dagana town and peripheral areas

Based on the monitoring of ICT infrastructure and cable layout of BTL and cable in Dagana town and peripheral areas, the observations are as follows;

1. improved low hanging cables of T&T cable in roads towards Dagana Dzong area from Dagana town

(After) (Before)

Figure 6: Improved low hanging cables of T&T cable near Dagana Dzong area

2. Improved low hanging cable road crossover of T&T cable in Dagana town

(After) (Before)

Figure 7: Improved low hanging cross over cable of T & T cable in Dagana town

3. improved cable road crossover by BTL and T&T cable near the Dagana Dzong area.

(After) (Before)

Figure 8 : Improved cable road crossover by BTL and T&T cable near Dagana Dzong area

5. Monitoring and re-verification of Cable Layout in Bajo Town, Wangdue Phodrang

1. Proper pole and infrastructure sharing by BTL and Cable operators in Bajo Town, Wangduephodrang

(After) (Before)

Figure 9: Proper pole and Infrastructure sharing in Bajo Town by BTL and cable operators

2. Improved cable layout in buildings of Bajo Town by cable operators and ISPs.

(After) (Before)

Figure 10: Improved cable layout by cable operators and ISPS in Bajo Town.

6. Actions Taken based on the field visit

- verification based on earlier monitoring is carried out by different teams and operators were made to do rectification wherever required.

- Report provides clarity on the need to do further monitoring of ICT Infrastructure and communication cable layout.

7. Recommendation/ Way Forward

- It is recommended that we may inform and coordinate with relevant stakeholders on the infrastructure sharing and cable layout carried out in above mentioned places.

- To carry out the same monitoring in other thromdes, dzongkhag towns and its peripheral areas.