**3GPP TSG-SA5 Meeting #154 *S5-242107d1***

Changsha, Hunan Province ,CN, 15 April - 19 April 2024

**Source: China Unicom**

**Title: pCR TR 28.874 Add concepts and background of architecture assumptions**

**Document for: Approval**

**Agenda Item: 6.19.15**

# 1 Decision/action requested

*The group is asked to discuss and approve the proposal.*

# 2 References

[1] 3GPP draft TR 28.874: " Study on management aspects of NTN phase 2 v0.0.0".

[2] SP-231733: " New SID on management aspects of NTN phase 2" .

# 3 Rationale

This contribution proposes to add concepts and background of the draft TR 28.874 based on SP-231733[2].

# 4 Detailed proposal

It proposes to make the following changes to the draft TR 28.874[1]

|  |
| --- |
| **1st Change** |

# 4 Concepts and background

Editor's Note: This clause provides a description of concepts and background of NTN management.

The following management architecture assumptions of NTN are applied to the study:

- The 5GC architecture for satellite access for NR as defined in TS 23.501 [x] is used as a baseline.

- The EPC architecture for satellite access for IoT as defined in TS 23.401 [x] and the architecture enhancements to facilitate communications with packet data networks and applications as defined in TS 23.682 [x] are used as a baseline.

- The reference management scenario for NTN as defined in TS 28.530 [x] is used as a baseline.

- The management architecture shall support Store and Forward (S&F) satellite operation.

- The management architecture shall support UE-Satellite-UE communication, including at least UPF, is present onboard of the satellites.

|  |
| --- |
| **End of Change** |