**3GPP TSG-SA5 Meeting #156 *S5-244261***

**Maastricht, NetherLands, 19 - 23 Aug 2024**

**Source: CATT**

**Title: Rel-19 pCR TR 28.874 Add conclusion for NTN Tracking area management**

**Document for: Approval**

**Agenda Item: 6.19.15**

# 1 Decision/action requested

***Approval***

# 2 References

[1] 3GPP TR 28.874-020: " Study on management aspects of NTN – Phase 2"

[2] SP-231733: "New SID: Study on Management Aspects of NTN Phase 2"

# 3 Rationale

It is proposed to add conclusion for support 5G system functions on board the NTN.

# 4 Detailed proposal

This contribution proposes to make the following changes in [1].

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| **1st change** |

5.2.2.4 Evaluation of potential solutions

The possible solution for Earth-moving cell scenario described in clause 5.2.2.3.1 adopts the NRM-based approach, which enhances the existing NRM fragment with attributes indicating multiple tracking areas per each NTN cell covers and which time period the coverage will be available for the location, the change is lightweight and it is backward compatible, therefore it is a feasible solution.

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| **End of change** |