**3GPP TSG-SA5 Meeting #148-e *S5-233403***

**e-meeting,** **17 April - 25 April 2023**

**Source: China Unicom**

**Title: pCR 28.841 update conclusions and recommendations**

**Document for: Approval**

**Agenda Item: 6.8.7.3**

# 1 Decision/action requested

***The group is asked to discuss and agree on the proposal.***

# 2 References

[1] 3GPP draft TR 28.841: " Study on Management Aspects of IoT NTN Enhancements v0.4.0".

# 3 Rationale

This pCR is to update conclusions and recommendations for TR 28.841[1].

# 4 Detailed proposal

It proposes to make the following changes to the draft TR 28.841[1].

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| **Start of modification** |

# 6 Conclusions and recommendations

In conclusion, the following issues are identified in this study:

- Reference management architectures and scenarios for integrated satellite components;

- Use cases and solutions related to the general management of satellite RAN with regenerative/transparent satellite components;

- Use cases and solutions related to the monitoring of satellite RAN.

It is recommended to consider the following aspects for normative work:

- Specify/extend SON concepts to allow for moving non-terrestrial NBs.

- Adapt the performance measurements which make use of the HARQ process, which may be unavailable when using satellite RAN.

- Reuse the approach of MDA to monitor the coverage holes or discontinuous satellite coverage.

- Introduce the NRM based on solutions to support handling of coverage holes or discontinuous satellite coverage in a power efficient way.

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| **End of modifications** |