3GPP TSG SA WG5 Meeting #158 S5-246980

Orlando, Florida, USA 18 - 22 November 2024

**Source: Huawei**

**Title: Conclusion for UAS Charging**

**Document for: Approval**

**Agenda Item: 7.5.4**

# 1 Discussion

***This is a pCR to provide the conclusion for UAS charging in TR 28.853.***

# 2 References

[1] 3GPP TR 28.853: "Study on charging aspects of uncrewed aerial systems".

# 3 Rationale

This pCR proposes to introduce the conclusion for UAS Charging.

# 4 Detailed proposal

Propose to incorporate the following change into the TR 28.853 [1].

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| **First change** |

# 6. Conclusions and Recommendations

The present technical report studied 4 Topics for charging aspects of uncrewed aerial systems with the following conclusions:

- Converged charging with UAV indication:

- Charging support of C2 Communication:

- Service Exposure to the USS: the solution #3.1 based on the UAS NF/NEF charging is selected in the clause 5.3.5.

- Aircraft-to-Everything (A2X) services for UAS Charging: the solution #4.1 based on the UAS NF/NEF charging, the solution #4.2 based on the SMF/MB-SMF charging for non-roaming, and the solution #4.3 based on the SMF charging for roaming are selected in the clause 5.4.5. The UAV identifier shall comply with the conclusion in the 5.1.5.

Editor’s Note: The conclusion for UAV indication and C2 communication is FFS.

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| **End of change** |