3GPP TSG SA WG5 Meeting #158 S5-246878

Orlando, Florida, USA 18 - 22 November 2024

**Source: China Mobile**

**Title: TR 28.853 Add use cases for direct C2 Communication**

**Document for: Approval**

**Agenda Item: 7.5.4**

# 1 Decision/action requested

***This is a pCR to add use cases for direct C2 Communication charging in TR 28.853.***

# 2 References

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

# 3 Rationale

This contribution proposes to add use cases for direct C2 Communication in TR 28.853.

# 4 Detailed proposal

The following changes are proposed to be incorporated into TR 28.853 [1].

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| **First change** |

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#### 5.2.1.2 Use case #2b: Charging support of Direct C2 Communication

As described in TS 22.125 [2] and TS 23.256 [3], a UAV that supports Direct C2 Communication may establish direct PC5 link with a UAV controller, and is generally used by a human-operator using a UAV controller.

For this case, the charged party and charging party can be:

* Charged party: UAS-SC (i.e. UAV) using the Direct C2 Communication.
* Charging party: UAS-MNO supporting Direct C2 Communication.

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| **End of changes** |