**3GPP TSG-SA5 Meeting #157 *S5-245913***

Hyderabad, India, 14 - 18 October 2024

**Source: Ericsson**

**Title: Clarification of topic 1 use cases**

**Document for: Approval**

**Agenda Item: 7.5.1**

# 1 Decision/action requested

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

# 2 References

[1] 3GPP TS 28.846 Study on charging aspects of satellite access phase 3

# 3 Rationale

Update of the use cases to use the business roles defined.

# 4 Detailed proposal

This document proposes the following changes in TR 28.846 [1].

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| **First change** |

6.1.1.1 Use Case #1.1: MNO charges SCC

This use case focuses on SCC and MNO business scenario.

An SCC has a subscription with an MNO which rents the satellite from an SSP, to allow MNO to provide S&F operation to its subscribers.

The charging party and charged party can be:

- Charged party: the SCC identified by the UE.

- Charging party: SMNO.

The MNO charges the subscribers based on the usage of satellites to provide the S&F operation service.

Potential charging requirements: REQ-CH\_ SAT\_PH3-01.

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| **Second change** |

6.1.1.2 Use Case #1.2: MNO charged by SSP

This use case focuses on MNO and SSP business scenario.

An MNO has a wholesale agreement to use the satellite from an SSP for the deployment of eNB and NFs.

The charging party and charged party can be:

- Charged party: MNO.

- Charging party: SSP

The SSP charges MNO based on the usage of satellites to deploy the eNB and NFs.

Potential charging requirements: REQ-CH\_ SAT\_PH3-01.

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| **End of change** |