**3GPP TSG-SA5 Meeting #134e *S5-206129rev1***

**e-meeting 16th - 25th November 2020**

**Source: CATT**

**Title: pCR Add potential charging requirements**

**Document for: Approval**

**Agenda Item: 7.5.3**

# 1 Decision/action requested

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

# 2 References

[1] 3GPP TR 32.846: “Study on charging aspects of Proximity-based Services in 5GS”.

# 3 Rationale

This pCR adds terms and abbreviations used in the TR to increase clarity.

# 4 Detailed proposal

|  |
| --- |
| **1st Modified Section** |

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 23.287: "Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services".

[3] 3GPP TR 23.752: “Study on system enhancement for Proximity based Services (ProSe) in the 5G System (5GS)”.

[4] 3GPP TS 32.277: "Proximity-based Services (ProSe) charging".

[x] 3GPP TS 22.115: "Service aspects; Charging and billing".

[y] 3GPP TS 23.303: "Proximity-based services (ProSe); Stage 2".

|  |
| --- |
| **Next Modified Section** |

### 6.1.2 Potential charging requirements

The following are potential high-level charging requirements for ProSe services in 5GS, derived from the requirements in TS 22.115 [x], and TS 23.303 [y].

**REQ-CH\_PROSE\_5GS-01:** The 5GS should support converged charging and charging information reporting for ProSe Discovery including:

- ProSe open Direct Discovery Model A;

- ProSe restricted Direct Discovery Model A and Model B;

- ProSe open and restricted Direct Discovery for Announce;

- ProSe open and restricted Direct Discovery for Monitor;

- ProSe open and restricted Direct Discovery for Match;

- ProSe Direct Discovery over NR PC5, including UE-to-Network Relay and UE-to-UE Relay;

Editor’s note: These requirements is FFS based on use cases.

**REQ-CH\_ PROSE \_5GS-02:** The 5GS should support converged charging and charging information reporting for ProSe Communication including:

- ProSe Broadcast and Groupcast Direct Communication;

- ProSe Unicast Direct Communication, including UE-to-Network Relay and UE-to-UE Relay;

Editor’s note: These requirements is FFS based on use cases.

|  |
| --- |
| **End of Modified Sections** |