**3GPP TSG-SA5 Meeting #135-e *S5-211208rev2***

electronic meeting, online, 25 January - 3 February 2021

**Source: CATT**

**Title: pCR Add use cases and requirment for ProSe Direct Discovery**

**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”.

[2] 3GPP TR 23.752: “Study on system enhancement for Proximity based Services (ProSe) in the 5G System (5GS)”.

# 3 Rationale

SA2 study has concluded some apects for 5G ProSe Direct Discovery in TR 23.752[2] for KeyIssue#1. This contribution adds requirments for ProSe Direct Discovery.

# 4 Detailed proposal

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| **1st 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 [9], and TS 23.303 [8].

**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.

**REQ-CH\_ PROSE \_5GS-03**: The 5GS should support identifying chargeable events and collecting charging information via UE..

**REQ-CH\_ PROSE \_5GS-04**: The 5GS should support identifying chargeable events and collecting charging information via 5G ProSe service.

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| **End of Modified Sections** |