**3GPP TSG-WG SA2 Meeting #153E e-meeting *S2-220XXXX***

**Elbonia, October 10 – 17, 2022 (revision of S2-220xxxx)**

**Source: Huawei, HiSilicon**

**Title: KI#6: Conclusion**

**Document for: Approval**

**Agenda Item: 9.26**

**Work Item / Release: FS\_5G\_ProSe\_Ph2 / Rel-18**

*Abstract: This paper proposes the conclusion for KI#6 Support of PC5 Service Authorization and Policy/Parameter Provisioning.*

# 1. Introduction/Discussion

This KI#6 focuses on Support of PC5 Service Authorization and Policy/Parameter Provisioning.

Based on Table 6.0-1, the solutions for KI#6 are Sol#8, Sol#16, and Sol#25.

There are several scenarios that need to be considered and concluded on:

- UE-to-UE Relay.

- Path switching between two indirect network communication paths for UE-to-Network Relaying.

- Direct communication path switching between PC5 and Uu.

- Multi-path transmission for UE-to-Network Relay.

Conclusions for the above aspects are proposed.

# 2. Text Proposal

It is proposed to capture the following changes vs. TR 23.700-33.

\* \* \* \* First change (all new)\* \* \* \*

## 8.X Key Issue #6: Support of PC5 Service Authorization and Policy/Parameter Provisioning

For Key Issue #6: Support of PC5 Service Authorization and Policy/Parameter Provisioning, the followings are taken as conclusions:

- The mechanism and procedure defined in clause 5.1 of TS 23.304 [3] is used for provisioning the Authorization and Policy/Parameters for UE-to-UE Relay, Multi-path transmission for UE-to-Network Relay, Direct communication path switching between PC5 and Uu, and Path switching between two indirect network communication paths for UE-to-Network Relaying.

- For UE-to-UE Relay, Sol#8 is selected for normative work and can be further updated based on the conclusion for KI#1 in clause 8.1.

- For Path switching between two indirect network communication paths for UE-to-Network Relaying, the existing ProSe policy and URSP is reused, and can be further updated based on the conclusion for KI#2 in clause 8.2.

- For Direct communication path switching between PC5 and Uu, the path switching policy is used, and can be further updated based on the conclusion for KI#3 in clause 8.3.

- For Multi-path transmission for UE-to-Network Relay, policy authorization for multi-path transmission via Layer 3 U2N Relay UE without N3IWF is needed, and can be further updated based on the conclusion for KI#5 in clause 8.5.

\* \* \* \* End of changes \* \* \* \*