**3GPP TSG SA WG 1 Meeting #104 S1-23xxxx**

**Chicago, USA, 13 - 17 November 2023** *(revision of S1-23xxxx)*

**Source: Deutsche Telekom AG, Nokia**

**pCR Title: Update of subclause network exposure**

**Draft Spec: 3GPP TS 22.137 v.1.0.0**

**Agenda item: 7.1.2**

**Document for: Approval**

**Contact: Vasil Aleksiev, Vasil dot Aleksiev at magenta dot at**

*Abstract: This pCR proposes update of network exposure functional service requirements*

**1. Introduction**

At 3GPP SA1#103 additional consolidated potential requirements were agreed and these need to be introduced into normative work.

**2. Reason for Change**

Adding of the agreed network exposure CPRs from the FS\_Sensing study is needed to finalize normative work.

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 22.137 v.1.0.0.

\* \* \* First Change \* \* \* \*

### 5.2.3 Network exposure

Subject to operator’s policy, the 5G network shall be able to provide secure means to report sensing result to a trusted third-party requesting information about a target object when specific requested conditions are met.

NOTE: These conditions could be e.g., the target object distance from the restricted area border or entering restricted area.

Subject to operator’s policy, the 5G network shall provide secure means for a trusted third-party to request 5G wireless sensing service based on specific parameters (e.g., refresh rate, period of time, sensing KPIs, geographical location) and to receive the corresponding sensing results.

Subject to operator’s policy and regulation, the 5G system shall be able to provide secure means for a trusted third-party to receive sensing results with contextual information.

Subject to user’s consent, regulation and operator’s policy, the 5G network may provide secure means to expose to a trusted third-party the combined sensing result derived from the joint processing of the 3GPP sensing data and non-3GPP sensing data.

Subject to operator’s policy, the 5G network may provide secure means for the operator to expose information towards trusted third-party on whether a given sensing service is available and the estimated quality of the given service for a certain geographic area and time.

Subject to operator’s policy, the 5G network shall be able to provide secure means to enable trusted third-party to request discovering a sensing group in the proximity of the UE that is requesting a 5G wireless sensing service from application server.

Subject to operator’s policy, the 5G network may enable secure means for a trusted third party to provide sensing assistance information.

\* \* \* End of Changes \* \* \* \*