**3GPP TSG SA WG 1 Meeting #108 S1-244588**

**Orlando, Florida, USA, 18-22 November 2024** *(revision of S1-244037)*

**Source: Nokia**

**pCR Title: Pseudo-CR on applicability of existing ISAC use cases and requirements to 6G**

**Draft Spec: 3GPP TR 22.870 v0.0.0**

**Agenda item: 8.1.2**

**Document for: Approval**

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*Abstract: This pCR proposes to clarify that the existing ISAC use cases and requirements are applicable to 6G.*

**1. Introduction**

The use cases for Integrated Sensing and Communication were extensively studied in Rel-19, as captured in TR 22.837. As the outcome of Rel-19 study, the stage-1 specification for ISAC was produced as in TS 22.137.

**2. Reason for Change**

It is sensible to consider that all the deliverables in Rel-19 are applicable to 6G study. Thus, it is proposed to explicitly state in the TR that the existing ISAC use cases and requriements are applicable to 6G.

**3. Proposal**

It is proposed to agree the following changes to 3GPP TR 22.870 v0.0.0.

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

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 TR 22.837: " Feasibility Study on Integrated Sensing and Communication".

[3] 3GPP TS 22.137: " Service requirements for Integrated Sensing and Communication; Stage 1".

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\* \* \* Next Change \* \* \* \*

6 Integrated Sensing and Communication

6.1 General

The use cases and service requirements described in [2] and [3] are applicable to Integrated Sensing and Communication for 6G. The integrated Sensing and Communication facilitates new applications and services that require sensing capabilities. It offers wide area multi-dimensional sensing that provides spatial information about unconnected objects as well as connected devices and their movements and surroundings.