**3GPP TSG SA WG4#128 Tdoc S4-2411174**

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**Title: Presentation of Specification/Report to TSG:
TR26.933, Version 1.0.0**

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**Document for: Information**

**Abstract of document:**

Providing immersive voice and audio services by end-user devices is becoming more and more practicable with the development of 4G/5G technologies, however, the devices generally can only have the capability of generating mono audio signals, so, the spatial audio capturing system should be considered. Due to physical constraints on their outline shapes and sizes, the end-user devices are usually configured with different numbers of microphones and different microphone setup configurations, hence different audio capturing capabilities are expected.

The TR specification 26. 933 investigated the “factors of different UE categories, microphones, acoustic design and signal processing which related to the audio capture”. The key goal is to promote the deployment of end-to-end immersive audio service for end-user devices, especially, with the development of IVAS codec, the spatial audio capture will be the next issue should be resolved as soon as possible.

**Changes since last presentation to SA Meeting:**

First presentation to SA.

**Outstanding Issues:**

Some sections to be clarified/further detailed, but specification structure are stable.

**Contentious Issues:**

None.

Change history of this document:

1999-11-17: original issue

2007-09-06: removal of references to Working Groups; bring names of TSGs up to date; correction of typo

2015-01-06: adds tdoc header & removes redundant information below