**3GPP TSG-WG SA2 Meeting #164 S2-2409002**

**Maastricht, Netherlands, August 19 - 23, 2024 (revision of S2-2407762)**

**Source: T-Mobile USA (Editor)**

**Title: Merge of AIoT General Principles Papers – After Drafting Session**

**Document for: Approval**

**Agenda Item: 19.14**

**Work Item / Release: FS\_AmbientIoT / Rel-19**

*Abstract: This pCR proposes some preliminary interim conclusions.*

# 1 Discussion

This paper provide a merge of a number of inputs paper where similar and overlapping concepts were found. The goal is to agree to interim conclusions based on these overlapping concepts.

Input papers were: 2408553, 2407678, 2407679, 2407762, and 2408143.

# 2 Proposal

It is proposed to include the below changes into TR 23.700-13.

*First Changes*

# 8 Conclusions

## 8.A General Principles

The following interim conclusions are agreed for normative work regarding Ambient IoT:

- The Ambient IoT Device Identifier is either assigned by an operator or by a third-party (e.g., based on EPC) and is stored in the Ambient IoT Device’s non-volatile memory.

* The Ambient IoT Device Identifier format covers both operator and third-party assigned IDs.

Editor’s Note: The Ambient IoT Device Identifier length, format details, and how to distinguish between the two assignment options are FFS.

* A single network deployment shall be able to support both topology 1 and topology 2 at the same time.
* The AIoT Device does not distinguish whether the topology of accessed network is Topology 1 or Topology 2, nor the transport used by the reader.
* The AIoT Device does not distinguish whether the Inventory or Command is performed.

*End of Changes*