**3GPP TSG-SA3 Meeting #119AdHoc-e S3-250083-r1**

**Online, Electronic meeting, 13 -16 January 2025**

**Source: China Mobile**

**Title: Pseudo-CR on General conclusion for the architecture of AIoT services**

**Document for: Approval**

**Agenda item: 5.9**

**Spec: 3GPP TR 33.713**

**Version: 0.5.0**

**Work Item: FS\_Ambient\_IoT\_Sec**

**Comments**

This contribution proposes the general conclusion for AIoT system architecture and security aspects.

**Proposed Changes**

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

## X General conclusion

The following aspects are agreed for the normative phase:

- A dedicated network for AIoT service is needed if the existing authentication framework (e.g., 5G-AKA, EAP-AKA’, other EAP methods for SNPN) is not reused. To secure the operator's core network, security isolation mechanism between the AIoT service domain and operator domain is needed (e.g.operators may choose to deploy a security gateway).

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