**3GPP TSG-SA3 Meeting #119 draft\_S3-245345-r1**

Orlando, US, 11 -15 November 2024 *revision of S3-244991*

**Source: Ericsson**

**Title: Conclusion update for KI#1**

**Document for: Approval**

**Agenda Item: 5.13**

# 1 Decision/action requested

***It is proposed to approve the following updates to TR 33.784 [1]***

# 2 References

[1] TR 33.784 V0.4.0 Study on security aspects of Core Network Enhanced Support for AIML

[2] S2-2410997, Addressing the EN about model provision for AI positioning

# 3 Rationale

The conclusion for KI#1 contains the following Editor's Note:

Editor's Note: Whether interoperability indicator or new indicator is used needs to be coordinated with SA2.

As agreed in SA2 CR S2-2410997 [2], a new indication is used to indicate support of model training and ML model retrieval for LMF-based AI/ML positioning. Therefore, it is proposed to remove the above Editor's Note by adding a new bullet stating that LMF utilizes a new indication to indicate retrieval of ML model for LMF-based AI/ML positioning.

# 4 Detailed proposal

\*\*\* Start Change \*\*\*

# 7 Conclusions

Editor’s Note: This clause contains the agreed conclusions that will form the basis for any normative work.

## 7.1 Conclusion on Key Issue #1

For Key Issue#1, it is recommended to use the following principles as the baseline for enhancements to LCS to support AIML:

- The LMF shall register its vendor ID in the NRF, allowing the NRF to authorize the LMF to retrieve model.

- The LMF utilizes a new indication to indicate retrieval of AI/ML model for LMF-based AI/ML positioning. Therefore, the LMF may include the indicator in the access token request and the NRF may include the same indicator in the access token.

NOTE: Whether new indication can be applied to NWDAF can be discussed in normative work, considering stage-2 outcome.

\*\*\* End Change \*\*\*