**3GPP TSG-SA5 Meeting #148e *S5-233302***

Electronic meeting, Online, 17 -25 April 2023

**Source: Ericsson LM**

**Title: Adding service identifier based solution to clause 5.3**

**Document for: Approval**

**Agenda Item: 7.5.1**

# 1 Decision/action requested

**Include the proposed changes in TR 28.826.**

# 2 References

[1] 3GPP TR 28.826: " Study on Nchf charging services phase 2 improvements and optimizations"

# 3 Rationale

New solution in clause 5.3 based on service identifier as a string together with use of string for rating group.

# 4 Detailed proposal

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| **First change** |

#### 5.3.5.y Solution #3.y Enhancement of rating group and service identifier using string

A possible solution for key issues 3a, 3b, and 3c, enhancement of input to CHF rating.

The use of string for rating group and service id would allow for pattern matching i.e., for MVNO handling it would make it possible to have the rating groups and services dedicated for the MVNO containing contain the MVNO identity. Using sting would allow for almost unlimited number of rating groups and service identifiers, it would also allow grouping of rating groups and service identifiers using patterns.

One example could be that all rating groups for MBB (Mobile Broadband) could start with “MBB”. Within the MBB there could be two rating groups one for high speed and one basic speeds, which could then be named “MBB-High” and “MBB-Basic” respectively. Both rating groups could then have a music streaming service, this service could then be named “MBB-MusicStream”, if there was a service only applicable to the to “MBB-High” like movie streaming it could be named “MBB-High-MovieStream”.

The internal format and usage of the strings would be operator specific and outside the 3GPP SA5 specifications.

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| **End of changes** |