**3GPP TSG-SA5 Meeting #158 *S5-246956***

Orlando, USA, 18 - 22 November 2024

**Title: LS on Usage of Charging Characteristics and CHF Group ID**

**Response to: -**

**Release: Rel-19**

**Work Item: CHFSeg 1040012**

**Source:** **SA5**

**To:** **SA2, CT4**

**Cc: -**

**Contact person: Robert Törnkvist**

 **robert (dot) tornkvist (at) Ericsson (dot) com**

**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**Attachments:** **None**

# Overall description

The Charging Characteristics can today be either locally configured or received from the UDM and used in SMF and AMF to indicate the default CHF address (e.g., primary and secondary CHF Address, Instance ID, Set ID), CHF selection method (e.g., local configuration, NRF), charging method (i.e., "online", "offline", or “offline only”), charging service (i.e., converged or offline only charging), metering method (e.g., duration, volume, or duration and volume, none), triggers (e.g., tariff time, time limit, volume limit, number of charging condition changes) etc., see TS 32.255 annex A, and TS 32.256 annex A.

It is proposed to extend the indication of CHF addresses to also allow it to indicate a CHF Group ID, which would then be used in the NRF to discover the CHFs.

Regarding the extension of the use of the Charging Characteristics there are two questions:

1. Would it be possible to extend the use of Charging Characteristics received from UDM to other NFs, beside AMF and SMF, e.g. SMSF?

2. The PCF is today allowing setting of primary and secondary CHF Address, Instance ID, and Set ID, would it be possible to extend this to allow setting of CHF Group ID?

# 2 Actions

**To SA2, CT4**

**ACTION:** SA5 asks SA2 and CT4 to provide guidance regarding the two questions above.

# 3 Dates of next TSG SA WG5 meetings

SA5#159 17 February - 21 February 2025 Sophia-Antipolis, France

SA5#160 07 April - 11 April 2025 Gothenburg, Sweden