**3GPP TSG-SA5 Meeting #144-e *S5-224198***

**e-meeting, 27 June - 1 July 2022**

**Source: Ericsson**

**Title: Correcting message flows in clause 7.2.4**

**Document for: Approval**

**Agenda Item: 7.5.3**

# 1 Decision/action requested

**Include the proposed changes in TR 28.827.**

# 2 References

[1] 3GPP TR 28.827: "Study on 5G charging for additional roaming scenarios and actors"

# 3 Rationale

Correcting flow in clause 7.2.4, where the vCHF description doesn’t match the figure.

# 4 Detailed proposal

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| **First change** |

##### 7.2.4.4.3 Message flows

Figure 7.2.4.4.3-1 shows a scenario for SMS PEC with CTF to both CHFs communication.

Figure 7.2.4.4.3-1: Roaming PEC SMS - two CHFs communication

1- 3. Initial procedures as per clause 5.4.2.5 of TS 32.274 [8].

4. The SMSF in VPLMN sends Charging Data Request [Event] to hCHF for the SMS.

5. The hCHF creates a CDR for this SMS.

6. The hCHF acknowledges by sending Charging Data Response [Event] to the SMSF in VPLMN.

7. The SMSF in VPLMN sends Charging Data Request [Event] to vCHF for the SMS.

8. The vCHF creates a CDR for this SMS.

9. The vCHF acknowledges by sending Charging Data Response [Event] to the SMSF in VPLMN.

10. Forward SMS as per clause 5.4.2.5 of TS 32.274 [8].

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| **End of changes** |