3GPP TSG SA WG 3 Meeting SA3#102e S3-210014-r1

Electronic meeting, Online, 18 - 29 January 2021

**Title: LS on 256-bit algorithms based on SNOW 3G or SNOW V**

**Response to: LS (S3-210014 / SAGE (20) 14) on 256-bit algorithms based on SNOW 3G or SNOW V from ETSI SAGE**

**Release: -**

**Work Item: -**

**Source: SA3**

**To: ETSI SAGE**

**Cc: -**

**Contact person: Ferhat Karakoc**

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**-**

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

**Attachments:** None

# 1 Overall description

SA3 would like to thank ETSI SAGE for the draft specifications based on SNOW-3G and their feedback in their LS on 256-bit algorithms based on SNOW 3G or SNOW V (S3- 210014 / SAGE (20) 14).

SA3 would like to inform ETSI SAGE that SA3 needs more time to evaluate the draft specifications and as a principle prefers 256-bit algorithms that achieve 20 Gbps peak rates both when implemented in hardware or software on commodity CPUs as stated as a performance aspect in TR 33.841.

# 2 Actions

**To ETSI SAGE**

**ACTION:** 3GPP SA3 kindly asks ETSI SAGE to take the above into account.

# 3 Dates of next TSG SA WG 3 meetings

SA3#102e-Bis 1 - 5 March 2021 Electronic meeting

SA3#103e 17 - 28 May 2021 Electronic meeting