**3GPP TSG-CT WG1 Meeting #131-eC1-21xxxx**

**E-meeting, 19-27 August 2021**

**Title:** ReplyLS on Emergency call after Authentication Failure

**Response to:** R5-213429

**Release:** Release 17

**Work Item:** 5GS\_NR\_LTE-UEConTest

**Source:** TSG CT WG1

**To:** TSG RAN WG5

**Cc:**

**Contact Person:**

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**Attachments:** Rev of C1-214376, C1-217118

**1. Overall Description:**

CT1 would like to thank RAN5 for the question on emergency call after the authentication failure.

CT1 analysed the different solutions and would like to propose option 1-4 as the way forward

1. For situation 1 (i.e. when emergency PDU session is established), UE shall behave as part 2 (i.e. not to take the cell as barred).
2. For situation 2 (i.e. when emergency PDU session is released), UE shall behave as in part 2 (i.e. not to take the cell as barred) and the UE may perform a de-registration procedure on the same cell.

Regarding the follow-up question from RAN5:

*Is this behaviour different if in Situation 1, prior to the emergency call the UE was in 5GMM-REGISTERED.LIMITED-SERVICE or 5GMM-DEREGISTERED.LIMITED-SERVICE state*

Answer: For both the states, UE will behave the same as a) and b) above with the additions:

* If the UE was in *5GMM-REGISTERED.LIMITED-SERVICE,* the UE may stay in 5GMM-REGISTERED.LIMITED-SERVICE under Situation 2, if the current cell doesn't provide normal services and the UE is not able to find any cell that provides normal services

CT1 has agreed to the attached CRs clarifying the behaviour in both 5G and 4G which removes the ambiguity. It clearly distinguishes the 2 cases i.e a) whether there is an emergency service started or ongoing b) No emergency service is started or is ongoing. For a) the UE does not consider the cell as barred. For b) the UE considers the cell as barred.

**2. Actions:**

**To RAN WG5 group.**

**ACTION:** CT1 kindly asks RAN WG5 to consider the above answer into consideration.

**3. Date of Next TSG-RAN WG5 Meetings:**

TSG-CT1 Meeting#133-bis-e 17th – 21th January 2022 Electronic Meeting

TSG-CT1 Meeting#134-e 17th – 25th February 2021 Electronic Meeting