3GPP TSG-RAN WG2 Meeting #126 R2-240xxxx

Fukuoka, Japan, May 20-24th, 2024

**[POST125bis][019][Emergency Calls] Common solution (Lenovo)**

**Intended outcome: Discuss need for a common solution and possible solutions for a common framework**

**Deadline: two weeks**

**Please fill in the below table:**

|  |  |
| --- | --- |
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**Phase 1 Completed**: Deadline 29th April UTC 22:00

**Phase 2**: Deadline for Phase 2: May 3rd, UTC 12:00

Let’s start with clarifying the aim of the common solution, as:

1. Common solution for EM Calls aims only UEs which are capable of EM Calls.
2. Common solution aims at enabling EM Calls for EM call capable UEs that are otherwise barred in the cell either due to MIB barring or feature specific SIB1 barring.

Based on the discussion in Phase 1, the most acceptable and working solution seems: **One explicit bit in SIB1 to indicate if cell supports EM calls irrespective of the feature(s) supported in the cell**. This bit will replace (e)RedCap barringExempt-eRedCap bit and therefore does not pose any further signalling load in SIB1. This information is used by a UE capable of EM Calls, barred in the cell and having no suitable cell to camp on.

**Q1: Is an explicit 1-bit indication in SIB1 replacing *barringExempt-eRedCap* bit acceptable to your company? The 1-bit indication in SIB1 is to be used to indicate if cell supports EM calls irrespective of the feature(s) supported in the cell. It is to be used by a UE when it is considered barred in the cell and has no suitable cell to camp on, to obtain limited services.**

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| Company name | Yes/ No | Comments |
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**Q2: Can the same 1-bit indication in SIB1 be applicable to Rel. 17 UEs, specifically for RedCap UEs (i.e., *barringExempt-RedCap* is not required anymore) as well to obtain limited services? And for this purpose, a magic sentence in the Rel. 17 CRs is sufficient?**

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| Company name | Yes/ No | Comments |
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