**3GPP TSG RAN WG1 Meeting #115 R1-23xxxxx**

**Chicago, USA, 13th – 17th November 2023**

**Title:** [Draft] LS on eRedCap agreements on early indication in MsgA PRACH and on peak rate related capability parameters

**Response to:**

**Release:** Rel-18

**Work Item:** Enhanced support of reduced capability NR devices (NR\_redcap\_enh-Core)

**Source:** Ericsson [to be RAN1]

**To:** RAN2

**Cc:**

**Contact person:** Johan Bergman, johan (dot) bergman (at) ericsson (dot) com

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

**Attachments:** None

# 1 Overall description

RAN1#115 discussed **early indication in MsgA PRACH** for eRedCap UEs. The discussion is captured in Section 1 in [R1-2312280](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_115/Docs/R1-2312280.zip). Following the discussion, RAN1 made the following agreement:

* If MsgA PRACH early indication for Rel-17 RedCap UEs is configured, a Rel-18 eRedCap UE shall share the MsgA PRACH that is configured for Rel-17 RedCap UEs if the Rel-18 eRedCap UE performs 2-step RACH.

RAN1#115 also discussed **peak rate related capability parameters** for eRedCap UEs. The discussion is captured in Section 7 in [R1-2312280](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_115/Docs/R1-2312280.zip). Following the discussion, RAN1 made the following conclusion:

* It is up to RAN2 to decide whether or not to change the current default values of the peak rate related UE capability parameters.

RAN1 respectfully requests RAN2 to take the above into account in their future work.

# 2 Actions

**To RAN2:**

**ACTION:** RAN1 respectfully requests RAN2 to take the above into account in their future work.

# 3 Dates of next TSG-RAN WG1 meetings

TSG-RAN WG1 Meeting #116 26th February – 1st March 2024 Athens, GR

TSG-RAN WG1 Meeting #116bis 15th – 19th April 2023 China (TBC), CN