3GPP TSG RAN WG4 Meeting #98bis-e R4-2105830

Electronic Meeting, April 12 – 20, 2021

**Title:** LS on RACH procedure for HO with PSCell

**Response to: –**

**Release:** Rel-17

**Work Item:** NR\_RRM\_enh2-Core

**Source:** RAN WG4

**To:** RAN WG2

**Cc:** RAN WG3

**Contact person:** Joakim Axmon

joakim dot axmon at ericsson dot com

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

**Attachments:**

# 1 Overall description

RAN4 is currently working on defining Rel-17 RRM requirements for handover scenarios involving MR-DC configurations, more generally called Handover with PSCell. While assessing the different options a UE may have for executing such handover, RAN4 has been discussing whether there is any strict order by which random access towards PCell and random access towards PSCell has to be carried out from RAN2 point of view, or whether for instance random access towards PCell can be carried out in parallel with random access towards PSCell. RAN4 would need to understand how this work to determine the RRM requirements for this case. As a common understanding has not been reached, RAN4 has decided to consult the RAN2 group by asking for clarification of the following.

**Q:** For handover with MR-DC configurations, from RAN2 perspective, are there any restrictions on the order by which random access can be carried out towards PCell and PSCell?

# 2 Actions

**To RAN WG2**

**ACTION:** RAN4 kindly asks RAN2 to clarify to RAN4 by providing answer to the question above.

# 3 Dates of next TSG RAN WG4 meetings

TSG RAN WG4 Meeting #99-e May 19 – 27, 2021 Electronic Meeting

TSG RAN WG4 Meeting #100-e Aug 16 – 27, 2021 Electronic Meeting