**3GPP TSG-RAN WG2 Meeting #111 Electronic DRAFT R2-2008600**

**Elbonia, 17 – 28 August 2020**

**Title: [DRAFT]** LS on CAPC

**Response to:** -

**Release:** Release 16

**Work Item:** NR\_unlic-Core

**Source:** Nokia [TSG RAN WG2]

**To:** TSG RAN WG1

**Contact Person:**

#### Name: Benoist Sébire

E-mail Address: benoist.sebire@nokia.com

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

**1. Overall Description:**

RAN2 has agreed a CR to clarify CAPC selection in 3GPP TS 38.300 [[R2-2008452](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_111-e/Docs/R2-2008452.zip)]. The agreed text describes all cases when CAPC selection is performed and, in particular, covers the transmission of MSG3/MSGA during a random-access procedure.

According to the agreed RAN2 CR, there are certain corner cases when the selected CAPC for MSG3/MSGA can be different than p =1. Therefore, the CAPC selection mentioned in the following text from 3GPP TS 37.213 is obsolete:

“*A UE shall use Type 1 channel access procedure for PRACH transmissions and PUSCH transmissions without user plane data related to random access procedure that initiate a channel occupancy with UL channel access priority class in Table 4.2.1-1.*”

**2. Actions:**

**To RAN1 group.**

**ACTION:** RAN2 respectfully asks RAN1 to revise the CAPC selection in the excerpt above from 3GPP TS 37.213 so that only 38.300 is referenced for PUSCH transmission.

One possible change could be: “*A UE shall use Type 1 channel access procedure for PRACH transmissions and PUSCH transmissions related to random access procedure that initiate a channel occupancy. In this case, channel access priority class in Table 4.2.1-1 is used for PRACH transmission, and is determined as specified in TS 38.300 subclause 5.6.2 [9] for PUSCH transmissions.*”

**3. Date of Next TSG-RAN WG2 Meetings:**

3GPP RAN2#112 2 – 13 November 2020 Electronic Meeting